

**JAWAHARLAL NEHRU
UNIVERSITY**

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Introduction

Pt. Jawaharlal Nehru once said:

A university stands for humanism, for tolerance, for reason, for the adventure of ideas and for the search of truth. It stands for onward march of the human race towards ever higher objectives. If the universities discharge their duties adequately, then it is well with the Nation and the People.

The above visionary statement by the first Prime Minister of Independent India on the occasion of the diamond jubilee of Allahabad University held on 13 December, 1947, reflects the great importance that Nehru attached to the university education in India. Nehru firmly believed that universities could play a crucial role in not only shaping the life of a nation but also strengthening it by inculcating the young students with the cardinal virtues of humanism, tolerance, reason, and breadth of vision and in imbuing the students with the fervor of imaginative ideas and quest for truth.

As a fitting tribute to the visions of such a great statesman, the Jawaharlal Nehru University was established in 1966 under the JNU Act, 1966 (53 of 1966); indeed it was a National Memorial to Pt. Jawaharlal Nehru. As a mark of further respect, the University was formally inaugurated by the late Sh. V. V. Giri, the then President of India, on the birthday of Pandit Jawaharlal Nehru on 14 November 1969 which also coincided with the birth centenary year of Mahatma Gandhi. The University's objectives are:

to disseminate and advance knowledge, wisdom and understanding by teaching and research and by the example and influence of its corporate life and in particular to promote the study of the principles for which Jawaharlal Nehru worked during his life-time, namely National integration, social justice, secularism, democratic way of life, international understanding and scientific approach to the problems of society.

Towards this end, the University was entrusted with the task of :

- fostering the composite culture of India through the establishment of such departments or institutions as may be required for the study and development of the languages, arts and culture of India;
- taking special measures to encourage students and teachers from all over India to join the University and participate in its academic programmes;
- promoting an awareness and understanding of the social needs of the country in the students and teachers and prepare them for fulfilling such needs;
- making special provision for integrated courses in humanities, science and technology in the educational programmes of the University;
- taking appropriate measures for promoting interdisciplinary studies in the University;
- establishing such departments or institutions as may be necessary for the study of languages, literature and life of foreign countries with a view to inculcating in the students an international understanding and a holistic perspective; and
- providing facilities for students and teachers from various countries to participate in the academic programmes and activities of the University.

The uniqueness of JNU is evident from its basic philosophy, policies and major programmes which are clearly spelt out and embodied in the University Act itself. Accordingly, the University has always strived to evolve such policies and programmes of studies that would be a qualitative and distinct addition to the national resource base in higher education instead of reflecting mere quantitative expansions of the existing facilities. The University thus has been concentrating on programmes that are of relevance to national progress and development. In this regard, the University has taken the following initiatives:

- 1) A conscious effort has been made to promote ideas of national integration, secularism, a scientific outlook, a cosmopolitan and a humanistic approach towards life;
- 2) The national character of the University has been maintained by selecting students and faculty from all regions of the country;
- 3) Interdisciplinary approach to teaching and research has been promoted in recognition of the fact that knowledge is indivisible and accordingly a structure of Schools and Centres of teaching has been established;
- 4) The emphasis on teaching and research in conventional areas has ensured that duplication of facilities available in other universities is avoided as far as possible;
- 5) Care has been taken to establish a model School/Centre of language teaching and research both in Indian as well as foreign languages with well-equipped modern language laboratories, perhaps the best of its kind in the whole country, and a centre where the study of literature, culture and civilization of the countries concerned becomes feasible and effective.
- 6) A system has been evolved whereby main academic decisions such as the courses to be taught, like precise contents of those courses and the methods of evaluation are taken by the teachers themselves. The teachers adopt the system of continuing internal evaluation with the grading system which promotes understanding;
- 7) Admissions to different programmes are done entirely on merit basis through an open all India Entrance Examination, held at 47 different centres spread over the country and 02 at abroad;
- 8) In accordance with the policy of the Government of India, the University provides reservations both at the levels of students admission and faculty recruitment;
- 9) There is a liberal provision for merit-cum-means scholarships/fellowships, and both students and faculty members are provided with financial support to undertake field trips in connection with their research both within the country and abroad;
- 10) Participation in Cultural Exchange Programmes with Universities/Institutes abroad is being encouraged to promote international understanding;
- 11) The faculty recruitment process has ensured the intake of the best in most disciplines consisting of persons who are recognized nationally and internationally in their respective areas;
- 12) A scheme called 'Distinguished Scholars' has been in place to help retiring and retired faculty members of the University, who wish to complete a book or a project which remained incomplete at the time of their retirement. The scheme is available in the age bracket of 65-70;
- 13) A Grievance Redressal Committee has been set up to promote cordial relations between the students and the University administration;
- 14) In order to create the right social ambience and to meet the security concerns of the JNU community, the University has established a Gender Sensitization Committee against Sexual Harassment (GSCASH);
- 15) Modern telecommunication facilities such as telephones for the faculty members, internet facilities, video conferencing and digital library data system have been created;
- 16) Various Chairs like Baba Saheb Ambedkar Chair, Rajiv Gandhi Chair, RBI Chair, SBI Chair, Chair in Greek Studies and others have been established;
- 17) A Committee of Advisors has been set up to look into the academic/financial concerns of the Dalit Students of the University;
- 18) Giving weightage to OBC candidates seeking admission to various programme of study, in the entrance examination was a significant step which the University taken in 1995.
- 19) Biotechnology is a multi-disciplinary area in the educational scene. Keeping this in view, programmes have been developed to meet the growing demand for trained manpower for any meaningful

Biotechnology activity in the country. The programmes are designed to expose the students to recent revolutionary developments in the area of genetic engineering and biotechnology and their application in industry, agriculture and medicine;

- 20) The University has been holding quite successfully the combined Biotechnology Entrance Examination for admission to - M.Sc. in Biotechnology, M.Sc. in Agriculture Biotechnology, M.V.Sc. (Animal) Biotechnology and M.Tech. Programme in Biotechnology of over 30 participating universities for a number of years and the entrance examination is conducted all over the country, and
21. JNU has signed 32 Memoranda of Understanding with the Foreign Universities/Institutions. The once rugged terrain of the Aravali range, where the 1019 acre JNU Campus is situated, is now covered with greenery and part of it has been recognized as a conserved forest.

The University was envisioned as essentially a post-graduate teaching and research institution. The Academic Advisory Committee of the University had originally envisaged that the University would be broadly structured into nine Schools:

1. School of Language, Literature and Culture Studies
2. School of Social Sciences
3. School of International Studies
4. School of Life Sciences
5. School of Environmental Sciences
6. School of Computer & Systems Sciences
7. School of Physical Sciences
8. School of Arts and Aesthetics
9. School of Information Technology

Out of these the first four Schools of Study started functioning in New Delhi in 1971. In 1974 and 1975, the School of Environmental Sciences and the School of Computer & Systems Sciences were established, respectively. In 1986 the School of Physical Sciences started functioning. In 2001, the School of Arts and Aesthetics and the School of Information Technology became operational.

Further, in 1972, the Centre of Post graduate studies was set up at Imphal (Manipur). This Centre finally formed a nucleus of a University, the Manipur University in 1981.

Over the past 35 years or so, the following Centres have been created and assigned to the respective Schools:

<p>1. School of Social Sciences</p>	<ul style="list-style-type: none"> - Centre for the Study of Social Systems. - Centre for Historical Studies. - Centre for Political Studies. - Centre for the Study of Regional Development - Centre for Social Medicine and Community Health. - Zakir Hussain Centre for Educational Studies. - Centre for Studies in Science Policy. - Centre for Economic Studies and Planning. - Centre for Philosophy.- Women's Study Programme - Group of Adult Education - Archives on Contemporary History of India - Educational Records Research Unit
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<p>2. School of Language, Literature and Culture Studies</p> <p>3. School of International Studies</p>	<ul style="list-style-type: none"> - Centre of French and Francophone Studies. - Centre of German Studies. - Centre of Spanish Studies. - Centre of Arabic & African Studies - Centre for Indian Languages - Centre for Linguistics and English - Centre for Persian & Central Asian Studies. - Centre for Japanese & North-East Asian Studies. - Centre for Chinese & South-East Asian Studies. - Group of Philosophy - Language Laboratory Complex <ul style="list-style-type: none"> - Centre for American and West European Studies. - Centre for Studies in Diplomacy, International Law and Economics. - Centre for East Asian Studies. - Centre for Russian, Central Asian and East European Studies. - Centre for International Politics, Organisation and Disarmament. - Centre for South, Central South-East Asian and South-West Pacific Studies. - Centre for West Asian and African Studies. - Group of Political Theory & Comparative Studies.
4. School of Arts and Aesthetics.	-
5. School of Life Sciences.	-
6. School of Environmental Sciences.	-
7. School of Computer & Systems Sciences.	-
8. School of Physical Sciences.	-
9. School of Information Technology	<ul style="list-style-type: none"> - Bio-informatics Centre. - Communication and Information Centre - Computer Centre
10. Centre for Biotechnology	-
11. Centre for Sanskrit Studies	-
12. Centre for Molecular Medicine	-
13. Centre for the study of Law and Governance	-

In addition to various Schools and Centres, the University has the following academic Units which perform a variety of functions, bringing a good name to the University.

1. Academic Staff College
2. University Science Instrumentation Centre

Further, JNU has granted recognition/accreditation to the following prestigious institutions across the country that has added to the true national character of the University.

1. Defence Institutions	<ul style="list-style-type: none"> - Army Cadet College, Dehradun. - College of Military Engineering, Pune - Military College of Electronics and Mechanical Engineering, Secunderabad. - Military College of Telecommunication Engineering, Mhow - National Defence Academy, Pune - Naval College of Engineering, Lonavla
2. Research and Development Institutions	<ul style="list-style-type: none"> - Centre for Cellular and Molecular Biology, Hyderabad. - Centre for Development Studies, Thiruvananthapuram. - Central Drug Research Institute, Lucknow - Central Institute of Medicinal and Aromatic Plant, Lucknow. - Institute of Microbial Technology, Chandigarh. - International Centre for Genetic Engineering and Biotechnology, New Delhi. - National Institute of Immunology, New Delhi- - Nuclear Science Centre, New Delhi - Raman Research Institute, Bangalore

Chapter-1

An Overview

As on 1.9.2002, there were 4796 students on the rolls of the University registered for various full-time programmes of study, like Ph.D./M.Phil./MCH/M.Tech.: 2611, BA/ MA/ M.Sc./ MCA : 1396 BA(Hons.) : 564 and Part-Time Courses like COP/DOP : 213 and PG Diploma in Bioinformatics : 12.

In the academic year 2002-2003, 1229 candidates (817 Male and 412 Female) were admitted for pursuing various programmes of study at the University on the basis of an All-India Entrance Examination conducted in 49 centres throughout the country. Of these, 499 were admitted to the M.Phil./Ph.D./MCH/ M.Tech. programmes; 512 to Masters programmes; and 218 to the BA(Hons.) programme. A total of 213 students joined various part-time programmes of study in the School of Language, Literature & Culture Studies including 38 students belonging to SC/ST and 05 to the Physically challenged categories.

During the period under review, 231 scholars were declared successful for the award of the Ph.D. degrees, 403 for the award of M.Phil. degrees, 34 for M.Tech Degree, 107 for M.Sc/MCA degrees, 478 for MA Degree, 290 for BA/BA (Hons.).

As in the past, the University also held a combined entrance examination for admission to the M.Sc. (Agri)/M.V.Sc.(Animal) and M.Sc. Biotechnology programmes for 30 participating universities.

Of the total 1229 candidates, 514 came from the lower and the middle income groups whose parents' income was less than Rs. 6000/- pm and 715 from the higher income group with an income over Rs. 6000/-p.m. As regards the rural-urban composition of the students the ratio was 422 : 807. Further, only 345 candidates had their schooling in public schools and 884 came from municipal and non-public schools.

The University was able to give 23.27 % representation to the SC/ST candidates in admissions. 154 foreign students were on rolls of the University as on 1.9.2002.

Giving weightage to OBC candidates, seeking admission to various programmes of study, in the entrance examination was a significant step which the University had taken in 1995. During the academic session 2002-2003, 374 students got benefit in terms of deprivation points.

The University has always endeavored to attract distinguished scholars to join its faculty. To achieve this, it has been following a policy of selective faculty recruitment to fill up critical gaps and/or for strengthening faculty expertise to cope up with the on-going teaching and research programmes. Through selection committees, constituted in terms of the Statutes of the University for various disciplines/areas, the University has been able to attract some of the highly distinguished scholars holding doctoral degrees and having teaching/research experience in prestigious institutions in India and abroad.

A number of selection committees have found JNU's own distinguished teachers as the best amongst the applicants, from within and outside, for a number of faculty positions at the level of Professors and Associate Professors.

The School of Arts and Aesthetics is a new School with tremendous growth potential. For the first time it became a Centre for promoting interdisciplinary studies and research into wide-ranging and rich art theories and practices, traditional and contemporary.

The School of Computer and Systems Sciences attracts the best students from all over the country. The School offers programmes of instruction and research leading to the degrees of MCA, M.Tech., M.Phil. and Ph.D. During the period under review about 8869 students, who fulfilled the laid down criteria for admission from among those who appeared, took the entrance test and ultimately only 52 students were admitted to various programmes of the School. The number of students currently enrolled is highest among the science Schools and in order to sustain the continuance of its high quality programme, it has now become essential to strengthen the facilities with adequate quality inputs.

The popularity and the usefulness of the courses offered by the School is best reflected in the employment potential of its courses. Most of the students who pass out of the School are absorbed in the best-known companies in the field of Information Technology. These students have joined major IT organizations like TCS, HCL, Tata, IBM, Wipro, Infotech, Infosys, ICICI, Oracle UT, C-Dot, Daewoo, BOI and several other multinational companies.

In addition to the wide range of courses that the School offers to its own students, it also offers courses to students from other Schools such as the School of Language, Literature and Culture Studies and the School of Life Sciences as part of the multi-disciplinary approach of the University. It has established well developed laboratories in the areas like Systems Software, Data Communication and Networks, Parallel Processing and Distributed Computing and Natural Language Processing. Further, the School is in the process of setting up labs in Multimedia, Modelling and Simulation, Artificial Intelligence and Robotics and Software Engineering. These laboratories will be equipped with a number of PCs in a Network mode. This will give further impetus to teaching and research at the School.

The School of Environmental Sciences. The academic programme of the School has been periodically reviewed, revised and updated, keeping in mind the need for sharper focussing, the available expertise at any given time and the changes desired in curriculum of individual courses or specific programmes. An M.Sc. programme was originally introduced in 1976 but was discontinued for some time to allow major revision in the course content. Subsequently, a revised M.Sc. programme in Environmental Sciences was introduced in 1987. Based on the experience gained in running this revised package, a further revision was undertaken. As a result from the academic year 1993-94, two streams in the M.Sc. programme were initiated: one based on physical sciences and the other based on biological sciences. The M.Phil./Ph.D. programme, which was started since 1975, has also undergone periodic changes in the curriculum. Efforts are now on to revise and update the existing M.Sc. programme. Indeed the School was the first to start M.Sc./M.Phil. programme in Environmental Sciences in the country. The initiatives of the School to include Environmental Sciences as a subject discipline for the UGC-CSIR NET for fellowship and lecturership have been successful and the UGC has included it as a discipline.

The School has diversified interest in various earth, atmospheric and biological processes. Linkages between ecological and social processes give an additional dimension to the School's interest, making the work relevant. Therefore, the curriculum has components of such disciplinary areas as physical sciences, earth and atmospheric sciences, environmental biology, and environmental monitoring and management. With such a high level of diverse research interests, over 215 students have so far successfully completed their Ph.D. programmes in different aspects of Environmental Sciences.

The School has the following four areas of research:

AREA-I: The main thrust of this area is Mathematical Modelling which is a fast and effective tool for understanding the interaction of various systems with the environment. The focus is on Modeling of Ecosystems, Study of Non-linear Biological & Physical systems and Theoretical aspects of astrophysical plasmas. In addition, urban climate change, noise pollution and electro pollution are also being studied.

AREA-II: Research activities in this area have been focussing on two distinct approaches:(a) understanding the present day geological and geochemical processes in the terrestrial as well as aquatic environment and (b) origin of South Indian crust based on a variety of analytical tools, including geochemical and geochronological. Geochemistry and Hydrology of Himalayan Glaciers as well as ground water exploration using Remote Sensing techniques are other research areas.

AREA-III: A wide range of studies related to environmental pollution and their impact on biota and the ecology of freshwaters and wetlands constitute the thrust of this area. Solid waste management studies are also being pursued.

AREA-IV: The effects of a variety of toxic elements on humans and on plant and animal species having direct importance to human existence have been the subject of study at both the population and organism, as well as the cellular and molecular levels. Ecosystem dynamics and functions at individual, population and

community levels are being studied.

Many studies are also focused on host-parasite interaction using *Entamoeba histolica* as a model. Cloned DNA fragments from *Entamoeba histolica* have been developed as a probe to carry out epidemiological and diagnosis studies.

The School of International Studies initially established as Indian School of International Studies in 1955 is the oldest School of the University renamed as School of International Studies. During the 47 years of its existence, the School has established itself as one of the premier institutions in the country for the study of international relations and area studies. It has made pioneering contributions towards the promotion of the study of international relations as an academic discipline in India and advancement of knowledge and understanding of international affairs in an inter-disciplinary perspective. The School is also the first institution in the country to promote "Area Studies" and to develop expertise on various countries and regions of the world. It has also acquired an international reputation as a centre of advanced learning. There are seven Centres and one Group of Study in the School which conduct research and teaching in various disciplines

The School also conducts an M.A. programme in Politics (*International Studies*). The Centre for Studies in Diplomacy, International Law & Economics conducts an M.A. programme in Economics with specialization in World Economy. Further, the School has been publishing a quarterly journal, International Studies, for more than three decades. It is a referred research journal with an international circulation and reputation.

The School also holds a series of extension lectures every year on a theme relating to contemporary international relations. These lectures are known as "Hriday Nath Kunzru Memorial (Extension) lectures on International Relations". The theme of this lecture series in 2002 was "Globalization: Impact & Resistance"..

The School of Information Technology started in 2001 consists of three Centres, the Bioinformatics Centre (BIC), the Communication and Information Services (CIS) and the Computer Centre. The focus of the School is on the use of Information Technology in education and research and in the study of how the increased availability of information in all spheres of enquiry, be it biological information, geological information, economic information, etc. can be most effectively utilized in an academic context.

The BIC is one of the nine major centres set-up under Biotechnology Information System by the Department of Biotechnology (DBT), Government of India. The Centre has been functioning since 1988 with appropriate infrastructural facilities and skilled human resource to provide information services and computational support to researchers working in the field of biology with special emphasis on Genetic Engineering. It functions as the backbone of research and developmental activities in various fields like, genetic engineering, biophysics, biochemistry, biotechnology, biocomputing, etc. Further, the BIC assists biologists by :

- providing bibliographic references with abstract
- retrieving sequences and structural data
- analyzing the sequences and structural data
- imparting skills in Bioinformatics, and
- providing computational facilities for research purpose.

The Communication and Information Services: In keeping with its tradition for excellence the University has taken another pioneering step by integrating state-of-the-art Internet technology into its teaching and research programmes. The University-wide-network with fiber optics backbone connects all the buildings. Each building has structured cabling connecting hubs and also its own local area network. The inter-School communicates through a centrally located high speed switch. The switch is connected to Internet. In this manner all Schools/Centres/Departments are connected to libraries/information databases inside the University and around the world. All the Schools have been provided with servers to create their own

E-mail servers and other database servers, Internet Servers, Library Servers.

The Computer Centre : With a view to providing modern computing facilities to all students, faculty and staff of the entire University, an independent Computer Centre has been created. While the provision of convenient computing facilities is the most visible aspect of the Centre, it also plays an important role in other activities of the University. The JNU-IGNOU Computer Laboratory, incorporated within the Computer Centre, is a fine example of inter-institutional co-operation in which the two universities have collaborated to create a common computing facility which is used by students of both the universities.

The School of Language, Literature & Culture Studies with its different Centres offering undergraduate, post-graduate and research courses in various classical, modern Indian and foreign languages has continued its excellent performance in teaching, research and faculty participation in national and international seminars/conferences/projects. The School takes pride not only in its regular updating and periodic revision of courses but also in the fact that this is the only School which offers, apart from its regular B.A. (Hons.), M.A., M.Phil and Ph.D programmes of study, specially designed Certificate of Proficiency and Diploma courses in several languages. It also offers a variety of Tool/Optional courses, which are guided by an interdisciplinary approach within a cross-cultural and interlingual perspective. A special service that the School renders to all needy students of the University is through Remedial courses in different languages, particularly in English which has a large number of takers each year.

In addition to the ten Centres, the School also has a Group of Philosophy. The School has a well equipped Language Labs Complex with facilities for audio and video recordings, educational software production, etc.

Some of the Centres of the School have collaborative arrangements with outside institutions. The School, through the University, has signed MOUs with universities in Korea, Europe and America.

The School of Life Sciences has been a premier multi-disciplinary research and teaching department in the country. It has followed innovative teaching and research programmes in selected areas of modern biology. The School has highly advanced and acclaimed research programmes on Plant Molecular Biology, Genetics Cell & Molecular Biology, immunology, Radiation, Photo-Biology, Cancer Biology and Microbiology, etc. The future plans and projections of the School are to develop centralized facilities for studies on neurobiology, molecular biophysics and structural biology. Facilities for intensive research or gene technology of plants microbes and tropical and hereditary diseases have to be strengthened. The School's Central Instruments Facility (CIF), which is providing the core support for research activities, is a unique system.

The School of Physical Sciences has grown to become one of the leading centres of teaching and research in Physics. Over the years, the School has successfully implemented a dynamic teaching programme at M.Sc. and pre-Ph.D. levels comprising a variety of novel and non-conventional courses. The School started admissions into its doctoral programme from the Monsoon Semester in 1987 and so far about 30 students have been awarded the Ph.D. degree. The M.Sc. (Physics) programme was started in the Monsoon Semester of 1992. Students from different parts of the country have been joining this programme, the main feature of which is the orientation towards fundamentals in theoretical and experimental Physics. This programme is thus attractive to students who wish to pursue research careers.

The research activities are primarily in the theoretical areas relating to classical and quantum chaos, computational physics, condensed matter physics, disordered systems, nonlinear dynamics, quantum field theory, quantum optics, and statistical mechanics. In the experimental areas they pertain to chemical physics, complex fluids, condensed matter physics and nonlinear optics.

The School of Social Sciences is a wholly post-graduate School in the University and admits more than 450 students every year to the M.A., M.Phil./Ph.D. and Ph.D. programmes offered by its nine Centres, apart from a special UGC sponsored programme on Women's Studies and a special Adult Continuing Education & Extension Unit. It also houses the Archives on Contemporary History and the Educational Records Research Unit. While research programme is common to all centres of the School, MA programmes are

offered in the four Centres. Four of these Centres and the Zakir Husain Centre for Educational Studies have been operating the UGC-aided Department of Special Assistance Programme (DSA).

The School has been contributing over half of the recorded publications of all the Schools devoted to the social sciences and the humanities. A number of research students of the School have contributed to national and international research journals and a number of doctoral theses have been published.

The teaching and research programmes in the School have certain innovative features. While ensuring rigorous discipline-oriented training in a centre, interest is generated in multi-disciplinary study and research, by encouraging students to opt for courses in other centres depending upon the aptitude of the student as well as the relevance of these courses to the main discipline.

The Centre for Biotechnology offers both M.Sc. and Ph.D. programmes in different areas of biotechnology. The M.Sc. programme is supported by DBT, whereas the Ph.D. programme is funded by the extramural grants received by the faculty and by the University. The intake capacity of the Ph.D. programme is decided each year, keeping in view the intake capacity of each laboratory for that year and the funding situation. The courses at the M.Sc. level have been designed to impart knowledge both at the theoretical and applied levels and these include structure of macromolecules, fermentation and downstream processing technology, molecular diagnostics, animal biotechnology, molecular biology of prokaryotes and eukaryotes, genetic engineering, immunotechnology, etc. The Ph.D. programme includes a compulsory lab. rotation system for the students before choosing a final supervisor and students are offered specialized discussion courses. The faculty is engaged in interdisciplinary research in modern biology in the following specialized areas: Protein Engineering, Eukaryotic gene expression, Molecular biology of infectious diseases, Immunology, Protein stability, Conformation & Folding, Over-expression of recombinant proteins, Transcription of eukaryotic genes, Transgenic systems, and molecular genetics of inherited diseases.

The Centre for the Study of Law and Governance is an inter-disciplinary centre which was established in 2000 as a Special Centre of the University. Significant contributions by sociologists, political scientists, economists and scholars in several other fields have enriched and widened the traditional understanding of the idea of governance. Governance issues also have policy implications in terms of the reform of institutions and structures; the creation and establishment of procedures and rules that lead to greater efficiency, transparency and accountability; and the process of making governance more inclusive and participatory, through the strengthening of democracy and civil society. The focus of the Centre is on scholarly research, which cultivates a practical orientation through consultancy and training. Offering relevant courses and networking with similar institutions constitute the thrust areas for the CSLG. The Centre aims at developing a body of research that issues in academic publications and, through initiating debate, becomes a catalyst for change in systems of governance.

The Centre for Molecular Medicine: The University Grants Commission, in its 9th Plan recommendations, has agreed to set up a Special Centre for Molecular Medicine (SCMM). The purpose of the SCMM is to foster research in the field of molecular and cell biology with direct application to the study of human disease. The format of the Center is a new concept that has not been attempted before, at least in India.

Recent advances in molecular and cell biology have enormous potential for medical research and practice. So far, they have been most successfully exploited for determining the causes of genetic diseases and how to control them. However, it is clear that recombinant DNA technology will find applications in almost every branch of medical practice. It is revolutionizing cancer research and has spawned a biotechnology industry that is already producing a wide range of diagnostic and therapeutic agents and, in the longer term, promises to play a major role in clarifying the causes of some of the unsolved mysteries of modern medicine like heart disease, hypertension, major psychiatric illness, rheumatic disease and many others. It should also help us to gain insights into broader aspects of human biology, including development, ageing and evolution.

The Academic Staff College was established in the year 1989. It has been conducting subject specific refresher courses in the disciplines of Political Science, International Relations, Economics, History, Computer Science, Sociology, Life Sciences, Environmental Sciences, Physics and Biotechnology as well as orientation courses in Social and Natural Sciences.

The main objective of the College is to update university and college teachers with the contemporary debates and discourses in their disciplines as well as to bring about their overall intellectual upgradation. They are stimulated to acquire the capacity to think and reflect on disciplinary issues and on contemporary problems.

The Group of Adult Education: The programme of Adult Education was set up in 1978 pursuant to the National Adult Education Policy adopted by the Government of India. Starting with documentation and organization of a number of extension activities in and around the campus, the scope of the Adult Education Programme in JNU was expanded in 1983 when the UGC designed a comprehensive package on Adult, Continuing Education and Extension and ensured hundred per cent funding support. Subsequently, in 1984 the University set up an independent unit on Adult, Continuing Education and Extension, which organized adult education centres and continuing education programmes for weaker sections of society, imparted training to the student volunteers and instructors, undertook several research and evaluation studies, designed a non-credit course on Indian Adult Education and brought out a number of publications.

Towards the end of 9th Five Year Plan, the UGC reviewed the programmes of Adult Education Unit and recommended that the Unit be developed into a statutory centre for initiating teaching programmes, apart from research and extension programmes. The thrust of the unit will be on developing Adult Education as a discipline of study and field of practice. This will be attempted through the development of interdisciplinary credit courses and community based Continuing Education Programmes; undertaking relevant research studies; innovative extension activities; building up documentation; and bringing out publications.

The Archives on Contemporary History of India was set up in 1970 as an adjunct of the School of Social Sciences. The Archives is a repository of materials on the Left movements in India started initially with the personal collection of late Shri P.C. Joshi. Later, it has been considerably enriched by materials gathered from different sources, particularly belonging to the post-1947 period. Its holdings include journals, newspapers, inner-party publications of the Communist Parties of India and of various Left groups. The government records relating to the Communist activities are also part of its collection. The Archives also has a large collections of folk songs, transcripts of interview of Communist leaders and activists, and photographs. It is currently engaged in the collection of records, documents, and journals published by Communist parties and groups in several Indian languages. It conducts an Annual Lecture in memory of the late Shri P.C. Joshi, its founder Director.

The Educational Records and Research Unit is concerns with research & publications of documentary material in the area of History of Education. It came to JNU as a project in 1971. Since 1979, it is a regular research & publication programme of the University in the School of Social Sciences.

The Language Labs and Multimedia Complex of the School of Language, Literature & Culture Studies, is one of the best-developed and maintained complexes in Asia. It has become the prize possession of the University both technically and aesthetically. It houses audio active comparative language labs, audio active language lab., audiovisual rooms and an Auditorium with film projection facilities in all formats. The Complex has excellent educational teaching material production facilities in the form of an Audio Studio with duplication facilities; a three-camera Video Studio with attached control room, video edition/duplication facilities; and photo laboratory. A number of satellite receiving dish antenna systems have been installed to enable the students of foreign languages to have contact with native speakers through TV news and programmes. All the language laboratories, audio and video software production equipment's etc., have been received as gifts/grants from different countries, such as, Germany, Iran, Japan, Russia, Portugal, etc.

The University Science and Instrumentation Centre was set up in 1979 under UGC scheme with the following objectives:-

To strengthen the technological infrastructure through collaborative efforts of academic community of the University; to undertake programme with a view to spreading culture of instrumentation in the higher educational system and to maximize the use of expensive equipment in the University through training and suitable pooling mechanism.

The Employment Information and Guidance Bureau was organized on the pattern envisaged by the Working Group of National Employment Service for University Employment Bureau approved by the Ministry of Labour in 1962. This Bureau, which became operational in May 1976, has been functioning as a coordinating unit between Delhi Administration and the University.

The University Finance : During the financial year 2002-2003, under the Maintenance Budget, the Receipts (Actuals) and Expenditure (Actuals) were Rs. 6535.69 lakhs and Rs. 5987.87 lakhs respectively. Under the Development Budget (Plan), the corresponding figures were Rs. 975.00 lakhs and Rs. 854.65 lakhs respectively.

During the year under review, progress was maintained on research projects on hand and those undertaken. These include both sponsored and unsponsored projects.

The project grants received by the University in 2002-2003 was Rs. 12.29 crores. The funds for these projects were received from 86 national and international agencies including the University Grants Commission (19), Department of Science & Technology (51), Department of Biotechnology (33), Department of Atomic Energy (02), CSIR (20) and others (for details please see Chapter 8 - University Finance). A sum of Rs. 3.42 crores was received from the Department of Science and Technology.

Visiting Delegations, Scholars and Seminars: During the period under report, a number of delegations and important dignitaries visited JNU both from within the country and from a number of foreign countries, such as Australia, Austria, Canada, China, France, Germany, Iran, Japan, the Netherlands, Switzerland, South Africa, the UK, the US, Romania, Kyrgyzstan, Scotland, Korea, Armenia, Philippines, Nepal, Uzbek, Oman, Vietnam etc.

A number of faculty members had the opportunity of visiting several universities/academic institutions abroad both for participating in seminars, conferences/symposia and for delivering lectures during the period under review. These countries included Australia, Austria, Bangladesh, Canada, China, Cyprus, Finland, France, Germany, Hungary, Iran, Italy, Indonesia, Japan, Kuwait, Kirgystan, Malaysia, Spain, Sweden, Thailand, Turkey, the UK, USA, Nepal, Russia etc.

The University has been very active in promoting exchange of views on scholarly issues as well as on topical problems requiring action plans. Various Schools and Centres of the University organized a number of all-India seminars/workshops/conferences, besides several one-day seminars/lectures to which research scholars/academicians and scientists were invited. Foreign scholars also participated in some of these seminars.

The University Library during the period under report acquired 4545 volumes of books; the library increased its collection of books and periodicals from 4,43,500 in 1993-94 to 5,05,164 volumes. The library subscribed to 674 journals and also received 188 journals by way of gifts and on exchange basis. The total subscription bill during the year was Rs. 1.38 lakhs. With the addition of 23,569 clippings in 2002-2003, the number of press clippings crossed the figure of 11.60 lakhs. The Jayenu Book Shop saved Rs.3.49 lakhs in the form of extra discount for books purchased by the library.

The Students Activities : The students' strength in thirteen hostels, including one Married Scholars' Hostel, of the university stood at 3699. The students staying in hostels actively participated in various aspects of the hostel management. A sum of Rs. 2,22,766/- was disbursed among needy students out of the Students' Aid Fund during the period under review.

Students actively participated in a variety of cultural and extra-curricular activities through nine clubs which have been set up to expose the student community to the world of literature, performing arts and flora and fauna around them. These activities included programmes of music by well-known artistes, debates, talks, poetic symposia, film shows, exhibitions, street plays, educational/field trips, etc. The students also participated in various quiz competitions and won prizes. The activities of these clubs in details are given in this report (Chapter - 5). The University students showed keen interest in sports activities as well.

Chapter-2

The University

Admission to various programmes of study in the University is regulated by an admission policy and procedure approved by the Academic Council of the University from time to time.

Approximate number of seats available in each programme of study (including M.Phil./Ph.D. programmes) is decided by the Academic Council on the recommendations of the Centres/Schools concerned. The intake of candidates considered for direct admission to the Ph. D. programme is over and above the intake prescribed by the Centres/Schools for M.Phil./Ph. D. programmes.

ADMISSION PROCESS

Reservation in Admissions: The University provides reservation to students belonging to SC and ST i.e. 22.5% of seats (15% for SC and 7.5% for ST interchangeable if necessary) and 3% of seats for the physically challenged are reserved for candidates belonging to these categories. Over and above the intake fixed for each programme, 10% of seats in each programme of study are also reserved for foreign nationals. Out of this quota of 10%, upto 5% of seats are reserved for those appearing in entrance examination and the rest 5% for candidates applying from abroad whose cases are considered in absentia. The ratio is interchangeable, if necessary.

Admission Notice : The notice regarding admission is published all over India through advertisement in the leading newspapers in different regions of the country around the second week of February every year.

Written test: The written test for admission to various programmes of study is held at various identified centres all over the country in the third week of May every year. A separate question paper of three hours duration is set for each programme or each set of programmes of study. The tests are spread over three days with two sessions of three hours on each day. Admission is made purely on merit basis, taking into account candidates' performance in the written examination and the viva-voce, wherever prescribed. The written test carries 70 marks.

Eligibility requirements for appearing in the entrance test: The eligibility criteria (both for candidates belonging to general categories and reserved categories) for appearing in the entrance examination are formulated as per the guidelines laid down by the University in this regard. The candidates who are due to appear in their respective qualifying examinations prescribed as eligibility for admission to a particular programme are also permitted to appear in the entrance examination. However, in the event of selection, their admission is subject to their passing and securing the prescribed percentage of marks in the qualifying examination and submission of all documents, including the final marksheet of the qualifying examination at the time of admission. The last date for seeking admission to any programme of study is 14 August of the year, with conditions, and no admission is permitted thereafter.

Viva-Voce Examination: The candidates seeking admission to M. Phil./Ph. D./Pre-Ph. D. programmes and IV year of Five-Year integrated M. A. programmes in foreign languages (other than the English language) are required to appear for viva-voce examination which is assigned 30% marks. Only those candidates are considered eligible to be called for viva-voce examination for admission to M. Phil/Ph. D./Pre-Ph. D. and M. A. (IV year in foreign languages) programmes of study who have secured a minimum of 35% and 25% marks respectively in the written test. The percentage of marks is, however, 10% less in respect of candidates belonging to SC, ST and PC categories. The maximum number of candidates to be called for the viva-voce examination in each programme of study is normally not more than three times the number of seats (intake) approved by the Academic Council.

Selection of candidates: Separate merit lists are prepared for general category, SC, ST, PC, OBC candidates and foreign nationals for each course/programme of study. Final selection of candidates is made on the basis of their inter se merit in their respective categories based on their performance in the written test and

viva-voce examination (wherever prescribed) and the score of deprivation points (wherever applicable).

Registration: The candidates who are selected for admission are required to complete all registration formalities within the time schedule drawn by the University each year.

PROGRAMMES OF STUDY

During the period under report, the university offered Ph.D., M.Phil./Ph.D./M.Tech./Ph.D and MCH/Ph.D in 53 disciplines; M.Sc./MCA in 05 disciplines; Master's programme in 21 disciplines; and Undergraduate courses in 09 foreign languages. In addition, it also offered Certificate and Diploma courses in various languages.

Through the teaching and research programmes offered by various Schools and Centres and formulation of curricula for these programmes, the University endeavors to evolve policies and programmes which will make it a distinct addition to the national resources in higher education rather than a mere quantitative expansion of the facilities already available. The University has sought to achieve these objectives within the resources available to it, both financial and physical. The following programmes of study were offered by different Schools/ Centres during the period under report.

I School of Computer and Systems Sciences

- M.Phil./Ph.D. : This programme focuses on different aspects of Computer Science.
- M.Tech/Ph.D. (Computer Science and Technology) : This 3-semester programme has been designed to impart advance knowledge in the field of Computer Science and Technology. With the successful completion of M.Tech. programme, candidates become eligible to register themselves for Ph.D programme.
- Master of Computer Applications (MCA) : This 3-year programme has been designed to provide the necessary theoretical background as well as practical experience in Computer Applications in Science and Engineering to meet the growing manpower requirement in data processing.

II School of Environmental Sciences

- M.Phil./Ph.D.:Research facilities were made available in four broad areas mentioned on page 10.
- M.Sc. in Environmental Sciences : This 4-semester programme is concerned with the major aspects of environment, with some specialization in the atmospheric, earth, pollution and biological sciences.

III School of International Studies

- M.Phil./Ph.D : Course work and research facilities were made available in the following areas: International Politics, International Organization, Political Geography, Diplomatic Studies, International Legal Studies, International Trade and Development, Disarmament Studies, South Asian Studies, Southeast Asian and Southwest Pacific Studies, Central Asian Studies, Chinese Studies, Japanese and Korean Studies, West Asian and North African Studies, Sub-Saharan African Studies, American Studies, Latin American Studies, West European Studies, Canadian Studies and Russian and East European Studies.
- M.A. in Politics (with specialization in International Relations): This is a 4-semester programme which combines studies in International Affairs, Area Politics, Political Theory, Comparative Politics & Economic Development to enable the students to receive all-round exposure in various fields of study.
- M.A. in Economics with specialization in World Economy: This is also a 4-semester programme, which offers sound theoretical background in the principles of economics and equips the students with analytical tools for understanding the evolution of the world economy.

IV. School of Language, Literature and Culture Studies

- Ph.D in Chinese, Japanese, Persian, and Philosophy (Modern Western Philosophy only)
- M.Phil./Ph.D. in Modern Arabic, English, French, German, Hindi, Linguistics, Russian, Spanish and Urdu.

- M.A. in Arabic, Chinese, English, French, German, Hindi, Japanese, Linguistics, Persian, Russian, Spanish, and Urdu.
- B.A. (Honors) in Arabic, Chinese, French, German, Japanese, Korean, Persian, Russian and Spanish (with entry points both in the first year and in the second year). On successful completion of this programme, a candidate becomes eligible to seek registration for M.A. in the language concerned.

Part-time programmes of study in :

- Advanced Diploma in Mass Media (Urdu)
- Diploma of Proficiency in Bhasha Indonesia, Italian, Portuguese and Pushtu.
- Certificate of Proficiency in Bhasha Indonesia, Italian, Mongolian, Portuguese, Pushtu and Urdu.

V. School of Life Sciences

- M.Phil./Ph.D. in modern areas of Life Sciences.
- M.Sc. in Life Sciences : This 4-semester programme is open to candidates from both Biological and Non-Biological backgrounds.

VI. School of Physical Sciences

- Ph.D. Research activities of the School are primarily in the theoretical areas of nonlinear Dynamics, Classical and Quantum Chaos, Chemical Physics, Condensed Matter Physics, Disordered Systems, Nonequilibrium, Statistical Mechanics, Quantum Field Theory and Particle Physics, Mathematical Physics, Quantum Optics, Statistical Nuclear Physics and in the experimental areas of Complex Fluids, Magnetism, and Nonlinear Optics.
- M.Sc. in Physics : This 4-semester programme is open to the candidates from Physics, Chemistry or Mathematics streams.

VII School of Social Sciences

- M.Phil./Ph.D. Research facilities are made available broadly in the following subjects/disciplines:
 - 1) Economic Studies and Planning;
 - 2) Educational Studies;
 - 3) Historical Studies;
 - 4) Political Studies;
 - 5) Regional Development (Geography, Economics, and Population Studies);
 - 6) Social Systems;
 - 7) Social Medicine and Community Health.
 - 8) Science Policy; and
 - 9) Philosophy
- Master of Community Health (M.C.H.)/Ph.D. : The programme covered three major areas, viz.: Social Medicine, Community Health and Community Health Nursing.
- M.A.: It is a 4-semester programme offered in Economics, Geography, History, Political Science and Sociology.

VIII. Centre for Biotechnology

- Ph.D. : The programmes of the Centre are inter-disciplinary in nature. Course work and facilities were offered in the following areas:
 - 1) Protein Engineering
 - 2) Prokaryotic/Eukaryotic gene expression
 - 3) Molecular biology of Infectious Diseases
 - 4) Molecular Immunology
 - 5) Protein Stability, Conformation and Folding

- 6) Bioprocess scale up and Optimization
 - 7) Transcription of Eukaryotic gene
- M.Sc. in Biotechnology : This 4-semester programme was so designed as to expose candidates to recent developments in genetic engineering and biotechnology and their exploitation in industry, agriculture and medicine.

ACADEMIC SESSION 2002-2003 (ADMISSIONS AND STUDENT STRENGTH)

The JNU Entrance Examination for admission to various programmes of study was conducted by the University on May 15-18, 2002 at 47 Centres located in various States/Union Territories i.e. Andaman & Nichobar Islands, Andhra Pradesh, Assam, Bihar, Chandigarh, Delhi, Gujarat, Jammu & Kashmir, Karnataka, Kerala, Madhya Pradesh, Maharashtra, Manipur, Meghalya, Orissa, Rajasthan, Tamilnadu, Uttar Pradesh and West Bengal and 02 centres at abroad in Kathmandu and Dhaka.

- 1) As against 48,699 application forms sold, 40,182 completed application forms were received from the intending candidates. Based on the options exercised by the applicants, the total number worked out to 53,953 options exercised by candidates in the entrance examination for various disciplines/ subjects programmes of study.
- 2) Based on the performance of the candidates in the entrance examination and the merit lists prepared in accordance with the provisions of the University's admission policy, 1716 candidates were offered admission to various programmes of study, out of which 1229 candidates joined.
- 3) As against the statutory requirement of 22.5% (15% for SC candidates and 7.5% for ST candidates), 23.27 % candidates belonging to these categories joined the University. However, if we exclude the disciplines/programme of study in which no SC/ST candidate appeared in the examination, the representation of SC/ST candidates works out to 25.38 %.
- 4) Of the total of 1229 candidates admitted to various programmes of studies:
 - 499 were admitted to M.Phil /Ph.D, M.Tech/Ph.D., MCH/Ph.D. and 512 to M.A./M.Sc./MCA, the remaining 218 were admitted to B.A. (Hons.) in foreign languages programmes;
 - The break up of men and women candidates was 817 and 412 respectively;
 - A total of 374 candidates belonging to OBCs and those who passed their qualifying examination from backward districts, were the beneficiaries of deprivation points as against 443 during 2001-2002..
- (5) The candidates admitted to various programmes of study passed their qualifying examinations from 116 Indian Universities /Institution /Boards.
- (6) In addition to 1229 candidates, 186 candidates were also admitted to various programmes of study under the following categories:

- Foreign nationals representing 22 countries	:	68
- Direct Ph.D	:	75
- Candidates who could not join last year	:	22
- NET qualified (JRF holders)	:	21

With regard to further improvement in the admission process, the following recommendations/suggestions of the Admission Committee were implemented by the University to:

- a) Make the system more transparent whereby the de-coded answer scripts of the Entrance Examination could be placed before the representatives of the concerned Centres/Schools who might be interested in checking the de-coded answer scripts before the release of the merit lists; and
- b) Make a provision in the application form for giving preference-wise options upto a maximum of three disciplines of the same level of programme in respect of Masters and Research Programmes and upto a maximum of three options in case of B.A(Hons.) in foreign languages so that the lists of the selected candidates could be synchronized on the basis of their options in order to avoid duplication of names in the selection lists of various disciplines.

COMBINED ENTRANCE EXAMINATION

As in the past, this year also the University conducted the combined Biotechnology entrance test on 18 May, 2002 at 30 centres all over the country for admission to M.Sc. (Biotechnology), M.Sc. (Agri) / M.VSc. (Animal Biotechnology) and M. Tech (Biotechnology) programmes on behalf of the following participating universities including Jawaharlal Nehru University (JNU):

1. Banaras Hindu University (BHU), Varanasi
2. Birsa Agricultural University (BAU), Ranchi
3. Calicut University (CAU), Calicut
4. Devi Ahilya Vishwavidyalaya (DAV), Indore
5. Goa University (GOU), Goa
6. G.B.Pant University Of Agricultural & Techonology (GBU), Pantnagar
7. Guru Nanak Dev University (GNU), Amritsar
8. Himachal Pradesh University (HPU), Shimla
9. University of Hyderabad (HYU), Hyderabad
10. University of Jammu (JMU), Jammu
11. M.S. University of Baroda (MSU), Baroda
12. Madurai Kamaraj University (MKU), Madurai
13. Poona University (POU), Pune
14. Panjab University (PBU), Chandigarh
15. Pondicherry University (POU), Pondicherry
16. Punjabi University (PUP), Patiala
17. Tejpur University (TZU), Assam
18. Tamil Nadu Agricultural University (TAU), Coimbatore
19. Kumaun University, Nanital
20. Anna University (MAU), Chennai
21. University of North Bengal, Siliguri.
22. Allahabad University, Allahabad
23. Gujarat University, Ahmedabad
24. Gulbarga University, Gulbarga
25. Guru Jambheshwar University, Hissar
26. Thapar Institute of Engineering & Technology, Patiala
27. Ch. Sarwan Kumar Himachal Pradesh Krishi Vishvavidyalaya, Palampur
28. Indira Gandhi Agricultural University, Raipur
29. Marathwada Agricultural University, Parbhani

As against 15,856 completed application forms received from aspiring candidates, 14,529 candidates appeared in the combined entrance test for the concerned Programmes.

PART-TIME PROGRAMMES IN THE SCHOOL OF LANGUAGE, LITERATURE AND CULTURE STUDIES

A total number of 763 completed application forms were received for admission to part-time Diploma/Certificate programme of study in the School. Of these, 213 joined these programmes: 153 for COP, 21 for DOP, and 39 for ADOP.

STUDENTS' STRENGTH

The total strength of full-time students on rolls of the University as on 1.9.2002 was 4583. Their break-up for various programmes indicated that 2611 students were doing research, 1408 were pursuing post-graduate studies, i.e. M.A./M.Sc./MCA, and 564 were pursuing under-graduate studies.

DEGREES/DIPLOMAS/CERTIFICATES AWARDED

During the year under report, 2092 students were awarded degrees by the University after they had successfully completed the programmes for which they had registered themselves at the University or at its Recognized Institutions:

(1) Ph.D.	:	231
(2) M.Phil.	:	403
(3) M.Tech.	:	34
(4) M.A.	:	478
(5) M.Sc./MCA/MCH	:	107
(6) B.A./B.A.(Hons.)	:	290
(7) B.Sc.	:	304
(8) B. Tech.	:	163
(7) Diploma/Certificate	:	82
TOTAL :		<u>2092</u>

THRUST AREAS AND PERSPECTIVE PLANS

A summary of the thrust areas on which various Schools/Centres of the University wanted to concentrate vis-a-vis the results achieved, and short-falls, if any, in the achievement of the desired results, either due to paucity of funds or some other cogent reasons, have been given in Chapter (4) under respective Schools/Centres. It also provides details of the annual perspective plans of some of the Schools/Centres and how they match with the projected 9th Five Year Plan requirements.

ACADEMIC ACTIVITIES

As in the previous years, the faculty of the University continued to deeply engage themselves in academic and research activities, in classroom lectures and in providing guidance to research students during the period under review. Further, they continued to participate in various conferences, seminars/symposia, etc., organized within the University or by other universities/institutions, both in India and abroad, thereby keeping in constant touch with the latest developments taking place in fields and areas of their specialisation and updating their knowledge and teaching skills. Details about their participation as well as the special lectures delivered/papers presented by them outside the University appear under respective Schools/Centres.

As a part of the on-going process of updating the existing curricula and introducing new areas, a number of courses were either revised/updated or newly instituted to meet the academic needs of the students in this fast changing world. Innovations in course contents and stimulating research in new directions became evident from the range of courses offered as well as the topics of research undertaken in various schools and centres.

The faculty members also continued to engage themselves in several collaborative research programmes with other Schools/Centres within the University and also with many other national and international universities and institutions. The research projects undertaken by the faculty were both multi-disciplinary and inter-disciplinary in character.

A number of conferences/seminars/symposia/workshops as well as special lectures by distinguished scholars/scientists from India and abroad were organised by the Schools and Centres of study during the year under report. These also included a series of extension lectures arranged for the benefit of the public at large.

Remedial courses in various Schools/Centres were organised by the faculty wherever considered necessary and additional tutorials taken to help SC/ST and other needy students thereby enabling them to carry out the assignments given to them as part of their course work.

VISITING SCHOLARS AND SCIENTISTS

During the period under review, a number of distinguished scholars/scientists, both from India and

abroad, visited JNU. Some of them delivered lectures/seminars or collaborated/interacted with departments/faculty members/students in scientific/academic research, thereby enriching the academic environment of the university. Several academic delegations also visited the University to study some aspects of its functioning and to explore the possibility of collaboration with it. The details are available under respective Schools/Centres.

RESEARCH ACTIVITIES

Research endeavors of the faculty and other research personnel working at the University are reflected in the form of publications which include books/monographs (including edited volumes), chapters contributed to books and research papers/articles submitted at seminars/published in learned journals. A good deal of research is also undertaken by the faculty on various research projects in almost all disciplines. This includes both sponsored and unsponsored projects as well as those undertaken by the faculty members on their own initiative.

PUBLICATIONS

During the year under report, the faculty of the university brought out over 694 publications. These included 93 books/monographs (including edited volumes). They contributed over 187 chapters in books and wrote over 414 research articles published in various national and international research and academic journals. During this period, the students in various Schools/Centres also brought out a number of publications, including books/monographs (including edited volumes). They contributed chapters in books and wrote research/popular articles in journals of repute. Details of research publications have been given under respective Schools/Centres.

THE FACULTY

As on 31.3.2003, the total number of teaching staff in the University was 387 comprising 194 Professors, 120 Associate Professors and 73 Assistant Professors. The teacher-student (full-time) ratio in the University was 1:12. The ratio varied considerably across different Schools/Centres. The following table provides the details about faculty strength:

Faculty Strength

S.No.	School	Professor	Assoc. Prof	Asstt. Prof.	Total
1.	School of Arts and Aesthetics	01	04	-	05
2.	School of Computer & Systems Sciences	08	02	01	11
3.	School of Environmental Sciences	13	05	01	19
4.	School of Life Sciences	17	03	01	21
5.	School of Physical Sciences	06	07	01	14
6.	School of International Studies	36	24	09	69
7.	School of Information Technology	01	-	01	02
8.	School of Language, Literature & Culture Studies	43	31	30	104
9.	School of Social Science	64	33	19	116
10.	Special Centre of Biotechnology	02	05	01	08
11.	Special Centre for the Study of Law & Governance	01	03	03	07
12.	University Science Instrumentation Centre	01	-	-	01
13.	Centre for Molecular Medicine	-	02	02	04
14.	Centre for Sanskrit Studies	01	01	04	06
TOTAL		194	120	73	387

Chapter-3

University Bodies

The University has certain regulating bodies responsible for its functioning which include the University Court, the Executive Council, the Academic Council and the Statutory Committees, like the Finance Committee.

UNIVERSITY COURT

The University Court is the supreme authority of the University and meets generally once a year to consider Annual Report, Annual Accounts, Audit Report and Budget of the University. It has powers to review the acts of the Executive Council and the Academic Council, save when these authorities have not acted in accordance with the powers conferred upon them under the Act, the Statutes and the Ordinances of the University.

The last annual meeting of the University Court was held on 5 February, 2003. It received the Annual Reports on the working of the University for the period 1 April, 2000 to 31 March, 2001 and 1 April 2001 to 31 March, 2002 with a statement of receipts and expenditure, and statement of assets and liabilities as audited for the financial year 2000-2001 and the budget for financial year 2002 -2003. Non plan maintenance budget of the University was also presented.

- a) Provided 24 hours internet services to the University Community through its own mail server which is available to students, faculty and senior administrators in the University.
- b) Provided 24 hours ambulance service for transport to sick to the hospitals in emergency on all days of the week including holidays, which is free of charge.
- c) Took up various construction works of the Hostels, Transit House, Post Doctoral Fellow Hostel, Sanskrit Centre Extension of Health Centre, Ceremonial gate, Centre for Law and Governance and School of Arts & Aesthetics.
- d) Enhanced the existing hostel facilities by constructing new hostels and academic buildings, viz Yamuna Hostel (Third wing), Transit House for senior faculty members (Phase-II), Post Doctoral Hostel (Phase-I), Hostel for SC Boys and Girls, Air Conditioning of Library building, Centre for Law and Governance, Centre for Sanskrit Studies, Science Centre, School of Arts & Aesthetics, North-East Students Hostel, Tribal Hostel and Academic Staff College.
- e) Plans to have a Plaza that will have the following silent features like: A huge book shop, Computer shop, Hardware store, Science store, Handicraft/ Art showcase, Public theatre, Relaxing spot, Coffee House, Eating place, ATM and other public conveniences
- f) The Minister of Environment and Forest has granted financial assistance to the University for preservation of a natural botanical garden that exists in the north-west of the JNU campus. The UGC Committee under the Chairmanship of Dr. R. A. Mashalkar, Director General CSIR which visited the University in November 2002 has not only appreciated the outstanding work already undertaken by the University in the field of Genomics, Biotechnology and Molecular Medicine but also recognised the academic strength of the schools and centres. The UGC has recognised us as "University with potential for excellence".

EXECUTIVE COUNCIL

The Executive Council is the highest and key executive body and is in charge of the general management and administration of the University. It held 03 meetings during the period under report. In its meetings held on 3.6.2002, 25.7.2002 and 22.1.2003, the Executive Council deliberated upon various administrative and academic matters and took important decisions thereon.

The Executive Council noted certain changes in its membership during the year, considered and approved various actions taken by the Vice-Chancellor on the matters of urgent nature in exercise of the powers conferred upon him in terms of Statutes/Ordinances, approved the recommendations of various Selection Committees and the Screening Committees for placement of faculty members and took various other administrative decisions. Some of the decisions approved/noted by the Executive Council during the year were relating to:

- a) The payment of special pay in lieu of honorarium to Dean of Students , Chief Proctor and others performing additional duties in addition to their own duties as faculty members of the University.
- b) The teachers beyond the age of 62 years will not hold statutory and non statutory positions that entail administrative functions and responsibilities.
- c) The scheme to provide incentives to group A,B,C and D employees who are performing exceedingly well on the basis of their exceptional performance.
- d) The revised guidelines regarding uniform policy for guest/part time teachers.
- e) Accepting the amount of US \$ Three lakhs from the Ford Foundation for creation of an endowment and interest accrued on the endowment shall be utilised for Professorial Visiting Fellow Programme in the Centre for the Study of Law and Governance of the University.

ACADEMIC COUNCIL

The Academic Council is the main academic authority of the University. The Council has powers, inter alia, to set up departments, colleges, institutions of higher learning, or to recognise them, to promote research, to recognise diplomas and degrees of other institutions and to establish their equivalence with JNU diplomas and degrees, to appoint different committees for admissions to the University and to make arrangements for instruction and examination of students according to the rules prescribed. Some of its recommendations go for approval to the Executive Council.

Two meetings of the Academic Council were held on 11-9-2002 and 8-1-2003, during the period under the report. Co-opted members of the Council from various institutions, deliberated upon various academic matters, including recommendations of the Boards of various Schools, creation of fellowships, nomination of faculty members from various centres to the Council, amendments to certain Clauses of Hostels Manuals and consequential amendments to the corresponding Clauses of relevant Ordinances and approval of Ordinances relating to award of degrees etc.. In its meetings the Council considered factual data in respect of 2002-2003 admissions to various programmes of study of the University. The Council also approved/recommended following in its meetings:

- a) Approved the introduction of Pre-Ph. D programme together with course structure at the Special Centre for Molecular Medicine from the academic session 2003-2004.
- b) Approved the revised course structure for M.Phil/Ph.D programme in Hindi Translation at the Centre of Indian Languages, SLL& CS .
- c) Approved the combining of endowment of "Ministry of Environmental Law and Forest endowment" with " Maha Ram Umarao Kaur endowment for the award of fellowship" to activate Professorial Chair in Environmental Law.
- d) Approved the introduction of B.Sc (Computer Science) course together with Syllabus at National Defence Academy , Pune.
- e) Creation of an endowment of Rs. 10,000 called "Mahale Award Endowment".
- f) Creation of an endowment of Rs. 50,000 for the institution of "Dr A.N. Bhatt Memorial Prize". Rs. 5000 to be awarded to the best M.A. third semester student of CESP/SSS.
- g) Creation of an endowment of Rupees One lakh for the institution of "Endo Rama Fellowship" in Indo Indonesian studies donated by the patrons of IIFA.

- h) Creation of an endowment in memory of the Late Dr. Nurul Hasan for award of two scholarships each of Rs. 1500 per month one to M.A. and other to M.Sc. second year students out of the interest earnings of an endowment of Rupees Five lakhs.
- i) Institution of four scholarships (including the Chandrasekher Prasad Scholarship) at the M.A. level and four fellowships at M.Phil level for students coming from the economically weaker sections of the society, particularly SC/ST/BC, including physically handicapped category out of the "G. Parthasarathi Endowment Fund" .
- j) Approved in principle the introduction of M.A. programme in Sanskrit Studies from the academic session 2003-2004.
- k) Approved the introduction of M.A. programme together with the course structure in the school of Arts & Aesthetics from the academic session 2003-2004.
- l) Accepted an amount of US \$ three lakhs from the Ford Foundation for creation of an endowment and interest accrued on the endowment shall be utilised for Professorial Visiting Fellow Programme in the Centre for the Study of Law and Governance of the University.

FINANCE COMMITTEE

The Finance Committee is a statutory body of the University. It considers the Budget and Expenditure proposals, all proposals for new/additional posts, accounts of the University, the Audit Report and all other financial and accounting matters. Its recommendations go for approval to the Executive Council.

In its meeting held on 17.2.2003, the Finance Committee approved the Revised Estimates of the University for 2002-2003 at the level of Rs 7018.83 lakhs net on 'Maintenance Account'.

Chapter-4

1. School of Arts and Aesthetics (SA&A)

The School of Arts and Aesthetics is comparatively a new school which intends to cover areas of art and visual culture not sufficiently recognised in the academic world of India. In 2001, the project of founding this school was revived. It officially started functioning from November 2001 following the selection and appointment of Dean, Professor and four Associate Professors. The School is unique in the context of Indian academia in the sense that for the first time in India, it became a centre for promoting interdisciplinary studies and research into wide-ranging and rich art theories and practices, both traditional and contemporary. The existing arts institution and departments in the country emphasize the teaching of artistic skills and some research in specific areas of arts. Given the multi-faceted heritage of Indian arts and theories enriched by all the great achievements in the field of the modern period, there was a strong need for a School to explore and study the interconnections between different arts and art theories in the context of the invaluable interactions between traditions and modernisms.

The first task before the faculty members has been to prepare the ground for the teaching studies and research in refreshingly new and challenging areas. The faculty members broadly representing two major areas of art studies viz. visual arts and performing arts held constant discussions among themselves and various scholars and experts in the fields as to the syllabus for M.A.. An outline for a comprehensive 2-year M.A. course has been worked out covering interactive chronological development of Indian arts right up to the contemporary period. The M.A. courses will now start from July 2003. The Ph.D. programme started from July 2002. The faculty members have also worked out individual optional courses to be taught by them covering several unique areas of visual and performing arts.

Attempts are also on to build up a comprehensive library and archive of audio/video documentation for the School to facilitate the work of students and researchers.

THRUST AREAS AND PERSPECTIVE PLAN

The thrust areas are theory and history of visual and performing arts in their relation to each other and to allied disciplines like sociology, anthropology, cultural theory and philosophy.

In the long run the school will ideally branch out in several related directions involving key areas of the arts and their contexts such as music, film, media expression studies and cultural policy studies etc. The core and optional courses are being designed in a way that enable students and researches to keep in the foreground the relationship between theory and practice of arts in the Indian as well as international academic contexts.

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE SCHOOL

The School has collaborated with the Ford Foundation whereby it has received a grant for availing visiting fellows and faculty to research and teach specialised subjects, to acquire technical equipment and to build up archives.

The American Institute of Indian Studies has begun to provide visual material for archives of Indian visual and performing arts. The Institute has also agreed to provide library facilities and use of their visual arts, and music archives to the students and faculty of the School.

REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

Courses of M.A. in Arts & Aesthetics had been drafted and rigorously discussed in two meetings of the Board of Studies of the School. The draft courses were then presented to the Academic Council where the same were approved for teaching.

SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENDS

M.A. and M.Phil courses were not yet started and therefore no such courses were visualised.

PUBLICATIONS

Books

H.S. Shiva Prakash

- Translations into English of Kannada Vachanas in Anikatana, English Literary Journal (Karnataka Sahitya Akademi) January-March 2003.
- Maleya Mantapa, (book and Poems in Kannada language) (Lohiya Prakashan, Bellay) January 2003
- Batteesa Raga, (autobiography in Kannada language) (Animisha Prakasha, Honnali) March 2003.
- An anthology of essays The State of Contemporary Indian Theatre, (Sahitya Akademi, New Delhi).
- An anthology of Essays, Indian Shakespeares, (World Wide Publishers, New Delhi).
- Working on the book The Hungry Earth, an anthology of Indian Dalit Writings (Penguin India, New Delhi).

Articles

Jyotindra Jain

- "Contemporary Indian Folk Artists at Manchester Art Gallery", Art South Asia, essay in catalogue accompanying the exhibition, (Alnoor Mitha, July 2002);
- "Morphing Identities: Reconfiguring the Divine and the Political," in Body.City New Perspectives from India (Tulika Publishers in collaboration with House of World Cultures, Berlin);
- The Hindu Icon between the Cultic and the Exhibitory Space, to be published in the proceedings of the Conference on South Asian Art in Manchester in July 2002;

Bishnupriya Dutt

- "Idiosyncratic Mythologies: The Case Study of the Sitala Opera," International Federation of Theatre Research, 2003, IFTR
- "Director and the Theatre," Epic Theatre, August 2002)

Kavita Singh

- "Paintings of life at court, (Pouvoir at Desir: Miniatures Indiennes, Collection Edwin Binney) 3rd du San Diego Museum of Art". in Roselyne Hurel and Amina Okada, Paris-Musees and Editions Findakly, Paris, 2002
- "Museums and the Making of the Indian Art historical Canon," in Towards a New Art History: Studies in Indian Art, edited by Shivaji K. Panikkar, Parul Dave Mukerji and Deeptha Achar (DK Printworld, 2003)

RESEARCH PROJECTS (SPONSORED)

Shukla Sawant

- Solo Show of recent works entitled "Cabinets of Curiosities" during December 2002
- Group exhibition "Creative Space" by Sakshi Gallery, Mumbai, at India Habitat Centre durin November 2002
- Group exhibition of Contemporary Printing curated by Archana Hande at Chemould Gallery, Mumbai, during February 2003

Bishnupriya Dutt

- Restoring and recording scenic curtains used in Minerva theatre, Calcutta (1905-59), commenced in

January 2003, under the auspices of The Utpal Dutt Foundation for International Theatre Studies, with a partial grant for restoration and repair of the scenes by the Government of India, Dept. of Culture, Ministry of Human Resource Development

RESEARCH PROJECTS ON-GOING (SPONSORED)

Jyotindra Jain

- Curating exhibition: "Indian Popular Culture: The Conquest of the World as Picture", for House of World Cultures, Berlin, to open on September 19, 2003

FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

Jyotindra Jain

- Paper entitled "Framing the Theatrical: Hindu Mythological Pictures at the Turn of the 19th Century", presented at the Conference on "Frames for Viewing" sponsored by the Getty Foundation at the House of World Cultures, May 17-18, 2002
- Paper entitled "The Traditional Arts of South Asia: Past Practice, Living Tradition", at the Conference on South Asian Art, organised by PRASADA of the University of Leicester, in June 25/26, 2002
- Paper entitled: "The Hindu Icon: Between the Cultic and the Exhibitory Space", at the Conference on South Asian Art at Manchester, organised by SHISHA Foundation, in July 2002

Bishnupriya Dutt

- Participation at the IFTR Sub-committee Meet on Research Methodology in Theatre, in Paris, November 2002

FACULTY PARTICIPATION IN CONFERENCES IN INDIA

Jyotindra Jain

- Paper entitled "Collective Tradition and Individual Expression: Contemporary Indian Folk Art", at a Conference on "Contemporary Indian Art", organised by Dakshinachitra Foundation, Chennai, in January 2003

Shukla Sawant

- Made a Site Specific Installation at the Site Specific Workshop entitled "Soonapan", curated by Amit Mukhopadhyay and organised by Crossways Communications, at Kishengadh, Rajasthan, during January 2003,
- Panelist at discussion on "Contemporary Miniatures" at the National Gallery of Modern Art during January 2003;

Bishnupriya Dutt

- Paper entitled: "Idiosyncratic Mythologies", at the International Federation of Theatre Research Conferences in January 2003 at Jaipur

Kavita Singh

- Paper entitled "Folklore, Public Space and Civil Society", presented at the International Seminar organized by the Indira Gandhi National Centre for the Arts, New Delhi, and the National Folklore Support Centre, Chennai, at IGNCA, New Delhi, in October 2002;
- Panel on Museums and Crafts Development in Craft, Craftspersons and Sustainable Development, an international conference organized by DC, Handicrafts, Ministry of Textiles, and Crafts Council of India, in November 2002;
- "The Politics of Value: Indian Art and the Imperial Gaze", at the International Seminar organized by the Department of English, Calcutta University and Asiatic Society, Kolkata, in January 2003;
- "Theorizing India's Pre-Modern Visual Culture: Issues of Class, Caste, Gender and Sexualities", organized by the Department of Art History and Aesthetics, Faculty of Fine Arts, MS University of Baroda.

H.S. Shiva Prakash

- Chief Guest at the releasing function of 'Karnataka Sangeetha Vahini' by Dr. K. Satyanarayana; sponsored by Kannada Pustaka Pradhikara; at Nayone Auditorium, Bangalore (24 April 2002).
- Special Invitee in a Seminar by IGNCNA on 'Contributions of Pundareek Usthala at Reveendra Kalakshetra, Bangalore (3-5 October 2002);
- National Poets' Meet organized by Lohia Prakashan, Bellay at Belagaon (January 2003);
- City Myths in Modern Indian Poetry' in Festival of Letters organized by Sahitya Akademi, New Delhi at India International Centre, New Delhi (February 22, 2003);
- The Poets' Meet to mark World Poets' Day at Sahitya Akademi, New Delhi 21 March, 2003.

FACULTY LECTURES OUTSIDE JNU

Jyotindra Jain

- Four lectures at the Dept. of Aesthetics, Univ. of Bombay, on the aspects of Indian Arts, during August 2002;

VISITORS TO THE SCHOOL

1. Prof. Partha Mitter from Sussex University (UK) gave a talk on "Contested Nationhoods: The Murals of New Delhi and India House, London", on November 20, 2002;

SEMINAR/CONFERENCES ORGANISED BY THE SCHOOL

1. An exhibition of photographs by Dayanita Singh from January 7 to March 31, 2003
2. A seminar and discussion on "Documenta11" during September 2002
3. Two Outreach Programmes (in the period January to March 2003) "Architecture of India" and "Appreciation Course in Theatre of India";
4. Dance Recital by All Armel Valli followed by discussion, in Oct. 2002

MEMBERSHIP OF BOARDS/COMMITTEES

Jyotindra Jain, Trustee of Surabhi Foundation, Mumbai; Trustee of Bhau Daji Lad Museum, Mumbai; Board Member of Madhya Pradesh Handicrafts Corporation, Bhopal; Board Member of Rajiv Gandhi Paryatan Vikas Yojana, Jaipur; Member, Central Advisory Board of Museums (under Chairmanship of Minister of Tourism and Culture), Ministry of Tourism and Culture, Department of Culture, Govt. of India, in March 2003 and Board Member of the Academic Council of National Museum Institute of Art History, Museology, and Conservation;

Shukla Sawant, Examiner for B.F.A. Govt. College of Art, Chandigarh; Examiner for M.A. Punjab University 2003 and Examiner for B.F.A. College of Art, New Delhi 2003

Bishnupriya Dutt, Member of the Governing Committee of Satyajit Ray Film and Television Institute, Kolkata and Member of the Governing Society, Indian Institute of Mass Communication, New Delhi;

Kavita Singh, Appointed Member, Central Advisory Board of Museums (under Chairmanship of Minister of Tourism and Culture), Ministry of Tourism and Culture, Department of Culture, Govt. of India, in March 2003

2. School of Computer & Systems Sciences (SC&SS)

The School of Computer & Systems Sciences (which started in 1975) has established itself as one of the most prestigious institutions in the area of computer education in the country. The School offers programmes of instruction and research leading to degrees of MCA, M.Tech. (M.Phil.) and Ph.D. It attracts the best students from all over the country. During the period under review, around nine thousand students including applicants from the neighbouring SAARC countries, appeared for the MCA and M.Tech. entrance examinations. The School continues to attract largest number of applications among all the science Schools in the University. The prestige of the courses offered can be judged from the excellent placement of successful students in the best of the companies in the field of Computer Science and Information Technology. In spite of the slow down in the IT industry the graduates from the School were placed in companies such as IBM, Infosys, Accenture, CADENCE, GE Caps, DRDO, etc. The School was also chosen to train students of Sunchon National University, Korea in the field of Computer Science from February 18, 2002 to August 17, 2002 under the MOU between the JNU and Sunchon National University.

The School continues to be at the forefront of offering interdisciplinary courses - a goal in JNU's charters. It designed and offered courses for the benefit of the students of School of Life Sciences, School of Language, Literature and Culture Studies as well as for students of different Centres of the School of Social Sciences.

The School has the following specialized laboratories where M.Tech./M.Phil./Ph.D. students are actively engaged in research:

Artificial Intelligence & Software Engineering, Data Communication and Networks, Microprocessor and Operating Systems, Multimedia & Modelling, Natural Language Processing, Parallel Processing and Distributed Computing, Systems Software.

THRUST AREAS AND PERSPECTIVE PLAN

Computer Graphics, Databases, Data Mining, Knowledge Engineering, Mobile Networks, Modelling and Simulation, Natural Language Processing, Optimization Theory.

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE SCHOOL

Karmeshu

- with Prof. Nikhil Pal, Indian Statistical Institute, Calcutta in the area of Bioinformatics.
- with Dr. Ravikumar Manager (R&D) General Motors, Bangalore in the area of Mobile Communication and Stochastic Control.

D.K. Lobiyal

- with Prof. Ivan Stojmenovic, School of Information Technology and Engineering, University of Ottawa, Canada in the area of Mobile Ad hoc Networks.

PUBLICATIONS

Books

Karmeshu

- Entropy Measures, Maximum Entropy Principle and Emerging Applications, Vol. 119, Studies in Fuzziness and Soft Computing (Springer 2003)

Chapters Contributed to Books

Karmeshu

- With N.R. Pal, "Uncertainty, entropy and maximum entropy principle - An overview" Entropy Measures, Maximum Entropy Principle and Emerging Application. Vol. 119, Studies in Fuzziness and Soft Computing (Springer 2003)

Articles

C.P. Katti

- D.K. Srivastava and S. Sivaloganathan "Highly Efficient Parallel Algorithm for Finite Difference Solution to Navier-Stoke's Equation on a Hypercube, Applied Math. And Comp., 130(2002)
- D.K. Srivastava "On a Parallel Mesh Algorithm for a Class of Initial Values Problem using Fourth Order Explicit Runge Kutta Methods," Applied Math. And Comp. 143(2003).

Karmeshu

- R.C. Prasad and K.K. Bharadwaj "Stochastic modelling of heat exchanger response to data uncertainties," Applied Mathematical Modelling 26(2002).

P.C. Saxena

- J. Rai, "A survey of Permission-based Distributed Mutual Exclusion Algorithm," Computer Standards and Interface, Vol. 25 (2003)
- G. Gobrani "A Heuristic Approach to Resource Location on Broad Band Network," J. of Network & Computer Applications, Vol. 25 (2002)
- Inder Arora "Access Handling the Updates of Broadcast of Data in Wireless Mobile," Computing, J. of Computer Standards & Interface Vol. 24 (2002)

N. Parimala

- "Explicit Operation Specification for Component Databases," The Comp. J. British Computing Society 2002
- T.V. Vijaykumar "Structure Independent Query Language, FQAS - Flexible Query Answering Systems", Intl. Conf. Copenhagen 2002

RESEARCH PROJECTS ON-GOING (SPONSORED)

G.V. Singh and D.K. Lobiyal

- Resource Center for Indian Language Technology Solutions sponsored by MIT.
- Position based Power Efficient Data Communication in Wireless Network, AICTE sponsored.

FACULTY PARTICIPATION IN CONFERENCES IN INDIA

Karmeshu

- National Conference on Transportation at I.I.T Delhi April 24, 2002, Key note Address - Stochastic Models of vehicular Traffic and their relevance to Teletraffic.
- National Seminar on Emerging Dimensions in I.T, Guru Jhambeshwar University, Hissar August 10, 2002 Key note Address - BSDN Traffic and Stochastic offered Load in Mobile Communication: Performance Modelling issues.
- IT seminar organized by Faculty of Social sciences, Ambedkar University, Agra, March 6, 2003 Current trends in application of Information Technology: Bioinformatics and Actuarial Science

FACULTY LECTURES OUTSIDE JNU

Karmeshu

- Innovation Diffusion and its applications in IT (8 August 2002) Series of Orientation lectures, Institute of Mass Communication, New Delhi.
- Uncertainty, entropy and maximum Entropy Principle. Extension Lectures (Nov 7, 2002) Department of Computer Science Jamia Millia Islamia, New Delhi
- Monte Carlo Methods, Concepts, Algorithms and Applications, 9 Dec 2002. Mathematics Day, Kalindi College, University of Delhi
- Essence of Applied Mathematics, 16 Januray 2003 Society of Mathematical Sciences Ramjas College, University of Delhi
- Modelling and simulation of Diffusion of Innovation , Society of Mathematics 23 January, 2003,

- Hansraj College, University of Delhi
- IT and Emerging Trends (Keynote address) Feb 3, 2003, Refresher Course in Computer Applications, Guru Jhambeshwar University, Hissar
 - Traffic characterization for BISDN and performance Evaluation of Mobile communication Systems April 13, 2002 D.S. Kothari Memorial Lecture, Delhi Chapter of Mathematical Association of India

D.K. Lobiyal

- TCP/IP, at Refresher's Course, University Polytechnique, Jamia Millia Islamia, New Delhi, December 2002
- Career prospects in IT, IT Annual Meet in IP College for Women, University of Delhi February 2003
- On Computer Networks, Guru Govind Singh College of Commerce, New Delhi. March 2003

VISITORS TO THE SCHOOL

1. Dr. Sanjeeva Shankar Dube, CEO, Bhilwara Infotech, February 2003.
2. Dr. Suryanil Ghosh, Vice-President, Continental Euro, March, 2003.

MEMBERSHIP OF BOARDS/COMMITTEES

Karmeshu, Chairman, DOEACC Committee (Ministry of Communication and Information Technology) "Introduction of Bioinformatics Courses under DOEACC Scheme". November 2002; Member, Standing Syllabus Committee, Computer Science, DOEACC Society; Member, Editorial Board , Journal of Scientific and Industrial Research (CSIR); Member, Faculty of Inter-Disciplinary and Applied Sciences, South Campus, University of Delhi; Secretary, Society of Mathematical Sciences, Delhi; Member, Council, Indian Society of Information theory and Applications, New Delhi; Member, Award for Excellence in Electronics, Department of Information Technology, Electronics Niketan, New Delhi; Member, Governing Body, Ansal Institute of Technology, Gurgaon; Member, Governing Body, Institute of Information Technology & Management, New Delhi.

P.C. Saxena, Associate Editor, J. of Computer Standards and Interfaces, Elsevier; Member, Board of Research Studies, Kurukshetra University, Kurukshetra; Member, Board of Research Studies, Jamia Hamdard University, New Delhi

ACHIEVEMENTS OF THE STUDENTS

1. Placement of MCA and M.Tech Students in the leading software companies

Name of Company	No. of Students
1. IBM	12
2. Infosys	01
3. Accenture	02
4. CADENCE	02
5. G. E. Caps	02
6. Mahindra British Telecom	01
7. Techspan	01
8. Grapecity	01
9. DRDO	01
10. CRISP	01
11. Nagarro Software Ltd.	04
Total	28

ANY OTHER INFORMATION

S. Minz

- Member, Governing body, Indian Social Institute, New Delhi.
- Elected Faculty member, GSCASH, JNU.

3. School of Environmental Sciences (SES)

The School of Environmental Sciences (established in 1974) is the oldest School of its kind in the country. It was the first to offer M.Sc. and M.Phil., programme in Environmental Sciences. The School is truly multidisciplinary in character and focuses on physical, chemical and biological aspects of environment. The faculty has diversified interest in various earth, atmospheric and biological processes. Linkages between ecological and social processes an dimension. Accordingly, the teaching and research programmes of the School have components of such diverse disciplines as physics, chemistry, geology, hydrology, meteorology, mathematics, statistics, biophysics, biochemistry, molecular and environmental biology, ecology and environmental monitoring and management.

At present, the School has a dedicated multi-disciplinary faculty comprising 13 Professors (one on leave), 5 Associate Professors and 1 Assistant Professor. The School introduced an M.Sc. programme in 1987, which has been further revised. Beginning with the academic year 1993-94, the M.Sc. programme divided into two streams, based on Physical and Biological Sciences to suit the requirement of students from diverse educational backgrounds.

The M.Phil./Ph.D. programme (started in 1975) has also undergone periodic changes. Presently, it includes extensive course work followed by a dissertation which leads, upon successful completion, to the M.Phil. degree. This is followed by research on an approved topic for a minimum of two years, the successful defense of which makes the student eligible for a Ph.D. degree.

The research activities of the School are notionally divided into four areas related to major science disciplines. **Area-I** (Physical Sciences) has interests centered around (a) Study of Non-linear biological and physical systems; and (b) Theoretical aspects of astrophysical plasmas. Urban micro-climate, noise pollution and electro magnetic pollution, Mathematical Modelling, an effective tool for understanding the interactions of various systems with the environment, is actively pursued. **Area-II** (Earth Sciences) focuses on (a) the understanding the present-day geological and geochemical processes in terrestrial and aquatic environments, (b) origin of South Indian crust, based on a variety of analytical tools including geochemistry and geochronology, (c) geochemistry and hydrology of Himalayan glaciers, (d) remote sensing techniques in ground water exploration, and (e) seismotectonics. **Area-III** covers a wide range of studies on (a) environmental pollution and its impact on biota, (b) ecology and aquatic ecosystems including wetlands, and (c) solid waste management. **Area-IV** (Biological Sciences) is devoted to the study of environment-organism interactions at all levels, ranging from molecular and cellular level through individuals and populations, extending to communities and the whole ecosystems. The studies include the effects of a variety of toxic elements on humans as well as plants and animals of direct importance to human existence. Studies are also focused on host-parasite interaction using *Entamoeba histolytica* as a model.

The teaching and research programme of the School has received recognition from the UGC and DST, which have provided funds under their COSIST (2000-2005) and FIST (2002-2003) programmes respectively. The School has also received UGC recognition through financial assistance under the DRS Phase-I (1994-1999), DRS Phase-II (1999-2004). Academic activities of the faculties have been recognized both nationally and internationally and several of them are recipients of prestigious awards and fellowships of national and international Science Academies and organizations. Several faculty members are part of various committees constituted by the Central and State Governments.

THRUST AREAS AND PERSPECTIVE PLAN

The School has diversified research interests but the thrust areas of research are:

1. Earth-Atmospheric Processes
2. Environmental Pollution
3. Environmental Biology
4. Ecosystem Processes
5. Mathematical Modelling

Certain aspects of Environmental Sciences such as soil microbiology/chemistry, urban ecology, natural disaster management, climate change, nutrient dynamics, pollutants interaction and water quality for proper use are becoming increasingly important because of the rapid economic growth through agricultural output and globalization of market and increasing urbanization. Studies on parasite biology and toxicogenomics allow us to ascertain the toxic effects due to pollution and strengthen our knowledge in this field, which is strongly emerging as a vibrant science. Various research projects of faculty members have been funded by governmental and intergovernmental agencies such as DST, DBT, DOD, UGC, ICMR, CSIR, MoEF, Global Environment Facility, UNESCO and others. The School also hosts the ENVIS center, funded by the Ministry of Environment and Forests, Government of India. The School's Central Instrumental Facility (CIF) and the Air Pollution Monitoring Mobile laboratory is the core support that provides the state of art of technology for research activities. During the period under report, the School has several academic activities. The details of the foregoing including the special achievements of the faculty and the students are given below.

NATURE OF COLLABORATIVE ARRANGEMENTS

D.K. Banerjee

- Collaborative research on "Biogeochemical studies of some metals in the aquatic and terrestrial systems in Delhi", with School of Environmental & Applied Sciences, Derby University, UK, under Higher Education Link Programme of UGC-British Council - continuing
- Collaborative research on "Aluminium and heavy metals mobilisation from soils and sediments" with Institute of Environmental Protection Engineering, University of Technology, Lublin, Poland, under Indo Polish Cooperation in S&T Programme of DST - concluded

V. Subramanian

- Academic Exchange Programme with Department of Earth Sciences, Uppsala University, Uppsala, Sweden

A.L. Ramanathan

- International exchange programme with Sweden under Linnaeus-Palme Academic program 2002- 2003

REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

V. Subramanian

- Water resources and Hydrology- M.Sc. level:

PUBLICATIONS

Books

J. Behari

- *Microwave measurement techniques and applications*, (Anamaya Publishers, New Delhi, 2003)

A.L. Ramanathan

- R.Ramesh., *Recent trends in Hydrogeochemistry*, (Case studies from surface and subsurface waters of selected countries) DST, ENVIS Govt of India (Capital Publishing Company, New Delhi 2003).

V. Subramanian

- Book of Abstracts: Workshop on *Fresh Water Related Issues and Round Table and National River Linking Plans*
- A text book on Environmental Sciences, (Narosa Publishing House, New Delhi). International edition, Hard bound, (Alpha Science International, Pangborne UK)

C. K. Varshney

- *Appreciation Course on Environment, Block 1: Environmental Concerns; Block 2: Environmental Management; Block 3: Improving the Environment, (IGNOU, New Delhi., 2003).*

Chapters Contributed to Books

Arun K. Attri

- Invited Chapter "UGC- sponsored text book for M.Sc. Biotechnology," to be published by (Prentice Hall) Chapter: Environmental Biotechnology

B. Gopal

- "Management issues of aquatic resources including wetlands," Marothia, D.K. (Editor) Institutionalizing Common Pool Resources (Concept Publishing Co., New Delhi, 2002)
- "Wetlands and agriculture: Are we heading for confrontation or conservation?" In: Holland, M.M., Warren, M.L. and Stanturf, J.A. (Editors) *Proceedings of a Conference on Sustainability of Wetlands and Water Resources: How well can Riverine Wetlands Continue to Support Society into the 21st Century?* General Technical Report SRS-50. Southern Research Station, USDA Forest Service, Ashville, NC. USA., 200, 2002.

A.L.Ramanathan

- "The ground water quality and sea water intrusion studies in the Coastal Aquifers of Tamilnadu," *URBAN HYDROLOGY_* Editors- R.Ramesh and Ramachandran, Anna University, Chennai (Capital publishers, New Delhi)

C. K. Varshney

- A.K. Attri. "Implications for Variation in Carbon Sources for Global Warming Potential of Methane," Md. Yunus, Nandita Singh, Luit J de Kok (Eds) *Environmental Stress: Indication, Mitigation, and Eco Conservation.* Kluwer Academics, The Netherlands .
- B.N. Bell, F.M. Marshall, M. Agrawal K. Betty and M. R. Ashmore. Air Pollution - "An Unrecognised Threat To The Nutrition of The Urban Poor in The Developing World?" In *Proceedings of the International Conference on Bangladesh Environment 2000.* (Bangladesh Poribesh Andolon (BAPA), Dhaka).
- "Ecological Study of Terrestrial Community in Relation to Environment Impact Analysis," In *Proceedings of the workshop on Environment Impact Studies for Development Projects .* Central Pollution Control Board, Ministry of Environment and Forests, New Delhi.
- "Wetland Values In Proceedings the Round Table Conference on Water Quality and Wetlands: Socio- economic and Ecological Importance, " .Eds. R.K. Khanna, and G.P. Mathur, Ministry of Water Resources, Government of India & Water Resource Society, New Delhi, 2003

K. G. Saxena

- Chandrasekhar, K., Gavali, R., Rao, K.S., and Maikhuri, R.K. "Traditional Management of Biodiversity in India's Cold Desert," *Conserving Biodiversity in Arid Regions.* Lemons, J., R. Victor, D. Schaffer. Kluwer (Academic Publishers, Boston, MA, 2003).
- Maikhuri, R.K., Rao, K.S., Nautiyal, S., Purohit, A., and Semwal, R.L. . "Management options for Nanda Devi Biosphere Reserve. In: *Traditional Ecological Knowledge for Managing Biosphere Reserves in South and Central Asia,*" Edited by P.S. Ramakrishnan, R.K. Rai, R.P.S. Katwal and S. Mehndiratta, (Oxford and IBH, New Delhi, 2002).
- Rao, K.S., Semwal, R.L., Maikhuri, R.K., Nautiyal, S., and Sen, K.K. "Traditional natural resource management in Central Himalaya and its relevance to biosphere management. In: *Traditional Ecological Knowledge for Managing Biosphere Reserves in South and Central Asia.,*" Edited by P.S. Ramakrishnan, R.K. Rai, R.P.S. Katwal and S. Mehndiratta, (Oxford and IBH, New Delhi 2002)

- Sen, K.K., Semwal, R.L., Maikhuri, R.K., Rao, K.S. "Land use-land cover change in Himalaya: Processes, patterns and implications. In: Land Use Historical Perspectives: Focus on Indo-Gangetic plains," Edited by Y.P. Abrol, S. Sangwan and M.K. Tiwari (Allied Publishers, New Delhi, 2002)
- "Studies on people- biodiversity-ecosystem function relationships in the proposed cold desert biosphere reserve" In: Biosphere Reserves in India and Their Management, Edited by J.K. Sharma, P.S. Easa, C. Mohanan, N. Sasidharan and R.K. Rai. Ministry of Environment and forests/Kerala Forest Research Institute, 2002.
- Maikhuri, R.K., Nautiyal, S., Rao, K.S. "Medicinal plants cultivation in Nanda Devi Biosphere Reserve buffer zone villages. In: Recent Progress in Medicinal Plants Vol. 1 - Ethnomedicine and Pharmacognosy," Edited by V.K. Singh, J.N. Govil and Gurdip Singh, (Sci Tech Pub., USA. 2002)

Articles

D.K. Banerjee

- Swarna, M., "Chemical speciation of aluminium in Delhi soils, Chemistry for the Protection of Environment, Pawlowski & Dudzinska," eds (Plenum Press, 2003)
- Anju., "Heavy metal levels and solid phase speciation in street dusts of Delhi, Environmental Pollution," 2003

J. Behari

- Paulrar R. "The effect of low level continuous 2.45 Ghz waves on enzymes of developing rat brain, Electromagnetic Biology and Medicine," 21(3), 221-231, 2002

A. K. Bhattacharya

- "Water Quality Management, Pollution and Sustainable Agriculture" Proceedings of National Workshop on Fresh Water related Issues with Discussion on 'National River Linking Plan' held at SES JNU on 31 March, 2003.

Sudha Bhattacharya

- A Bakre and Bhattacharya A "Mobile genetic elements in protozoan parasites," J. Genet. 81, 73-86 2002
- Paul J. and Bhattacharya A. " Close Sequence Identity Between Ribosomal DNA Episomes of the Nonpathogenic Entamoeba Dispar and Pathogenic Entamoeba Histolytica Proteoglycan in Vitro,". Mol. Biochem Parasitol. 126, 1-8 2002.
- N. Sahoo and Bhattacharya A "Blocking the expression of a calcium binding protein of the protozoan parasite entamoeba histolytica by tetracycline regulatable antisense RNA" Mol. Biochem (Parasitol, 2003).
- Ghosh S, Satish S, Tyagi S. and Bhattacharya A. "Differential Use of multiple replication Origins in the Ribosomal DNA Episome of the Protozoan Parasite Entamoeba Histolytica," (Nucleic Acids , 2002).
- Bhattacharya A and Ackers J.P. "Nontranslated Polyadenylated RNAs from Entamoeba Histolytica,". (Trends Parasitol 19, 286-289, 2003).

B. Gopal

- Chauhan, M. and Zutshi, D.P. High "Altitude Lakes of Ladakh: Changes since the Yale North India Expedition. Verhandlungen der internationale Vereinigung für Limnologie," 28: 519-523, 2002

V. K. Jain

- "Effects of Dust Aerosol Layer on Vertical Temperature Profile" Dimri A.P., Maussam vol. 53 No.4, p. 539-542.(2002)
- Srivastava A.K. "Relationship between Indoor and Outdoor Air Quality in Delhi", Indoor and Built Environment Vol.12, p. 159-165.

Kasturi Datta

- Meenakshi, J., Anupama, Goswami, S.K. "Constitutive expression of Hyaluronan Binding Protein 1 (HABP1/p32/gC1qR) in normal fibroblast cells perturbs its growth characteristics and induces apoptosis,". *Biochem. Biophys. Res. Commun.* 300(3), 686-693 (2003).
- Ghosh, I. "Sperm surface hyaluronan binding protein (HABP11) interacts with zona pellucida of water buffalo (*bubalus bubalis*) through its clustered mannose residues.," *Mol. Rep. Dev.* 64(2), 235-244 (2003).
- Majumdar, M., Bharadwaj, A., Ghosh, I., Ramachandran, S. "Evidence for the presence of HABP1 pseudogene in multiple locations of mammalian genome, *DNA & Cell Biology* 21(10), 727-735 (2002).
- Majumdar, M., Meenakshi, J., Goswami, S.K. and "Hyaluronan binding protein 1 (HABP1)/C1QBP p32 is an endogenous substrate for MAP Kinase and is translocated to the nucleus upon mitogenic stimulation,". (*Biochem. Biophys. Res. Commun.* 291, 829-837 (2002).
- Jha, B.K. Salunke, D.M. "Disulfide bond formation through Cysteine186 facilitates functionally relevant dimerization of trimeric Hyaluronan Binding Protein 1 (HABP1)/p32/gC1qR Eur, " (*J. Biochem.* 269, 298-307 (2002).
- Bharadwaj, A., Ghosh, I., Sengupta, A., Cooper, T.G., Weinbauer, G.F., Brinkworth, M.H., Nieschlag, E. "Stage specific expression of proprotein form of hyaluronan binding protein 1 (HABP1) during spermatogenesis in rat,". *Mol Reprod Dev.*; 62(2):223-232, (2002).
- T.B. Deb, M. Majumdar, A. Bharadwaj, B.K. Jha "An insight into cellular signalling mediated by Hyaluronan binding protein (HABP1).," *Proceeding on "Hyaluronan 2000"*.

P. S. Khillare

- Balachandran S. and Bharatraj Meena, 2003, "Spatial and Temporal Variation of Heavy Metals in Atmospheric Aerosol of Delhi" *Environmental Monitoring and Assessment* 89: 3.

Saumitra Mukherjee

- "Forest Fire risk zone mapping from satellite imagery and FIS, International," *Journal Applied Earth Observation and Geo information* 4,(2002) 1-10, (Elsevier).
- "Study of Weathering and Erosional status of Basaltic Rocks using remote Sensing data , " *Journal of Indian Soc. Rem. Sens.* Vol. 30 No.3, 2002.
- "Change in Magnetic Field : An early warming System to Understand Seismotectonics Proc.," (published in *Astron. Nachr.*) 1st Potsdam Thinkshop on Sunspots and Starspots May 6-10, 2002, (Potsdam, Germany).
- "Coronal Mass ejection may increase Ozone Hole Proc". 1st Potsdam Thinkshop on Sunspots and stars pots," May 6-10, 2002, (Potsdam, Germany)
- "Triggering of Gujarat Earthquake due to Change in Kp and electron flux," induced by Sun, NASA, Sponsored International Workshop on "Earth System Processes related to Gujarat Earthquake using Space Technology", held in IIT, Kanpur, India during January 27-29, 2003.
- "Seeking Links Between Solar activity and Monsoon," *Jour. Geography and you*, Vol.2, No.7, pp 18-23 (2002).

V. Rajamani

- "Farmland geology - an emerging field in sustainability science.," *Current science*, Vol.83, pp. 557-559, 2002.
- Yadav Sudesh "Aerosols of NW India - A Potential Cu Source", *Current Science*, Vol. 84, pp. 278-280, 2003.

AL.Ramanathan

- "Deflouridation of natural waters using natural materials .South African Water," *Journal Water SA*)

- "Biogeochemistry of the Coastal ecosystem., SE coast of India. APN/START/LOCIZ regional workshop on assessment of fluxes to coastal zone in S.Asia and their impacts," ,2003 (Negombo, Srilanka).
- "Impacts of Landfills on the ground water quality," Case study from the Capital city Delhi-(2002) Proceeding volume, International seminar on urban hydrology-4-9 Nov , 2002 at Kulalalumpur, Malaysia organized by the UNESCO regional office Indonesia and Asian centre for Tropical metrology, Government of Malaysia.112-114p.
- "Coastal hydrogeological studies from Puduchatiram to Cuddalore of Tamilnadu. ," Proceeding volume of the international seminar on Low lying coastal regions. German National Committee for the international Hydrological Programme of UNESCO and the International hydrological program-operational Hydrology Program (IHP-OHP)of WMO, 9 to 12 Sept. 2002.

K. G. Saxena

- Nautiyal, S., Rao, K.S., Maikhuri, R.K. "Transhumant pastoralism in the Nanda Devi Biosphere Reserve," India. Mountain Research and Development, 23, 255-262, 2003.
- Rao, K.S., Nautiyal, S., Maikhuri, R.K. "Local Peoples' Knowledge, Aptitude and Perceptions of Planning and Management Issues in Nanda Devi Biosphere Reserve", India. Environmental Management, 31, 168-181, 2003
- Semwal, R.L., Maikhuri, R.K., Rao, K.S., Sen, K.K. "Leaf litter decomposition and nutrient release patterns of six multipurpose tree species of Central Himalaya," India. Biomass and Bioenergy, 24, 3-11, 2003
- Nautiyal, S., Maikhuri, R.K., Rao, K.S., Semwal, R.L. "Agroecosystem function around a Himalayan biosphere reserve," Journal of Agricultural Systems, 29, 71-100, 2003
- Semwal, R.L., Maikhuri, R.K., Rao, K.S., Singh, K. "Crop productivity under differently lopped canopies of multipurpose trees in Central Himalaya, India," Agroforestry Systems, 56, 57-63, 2002
- Rao, K.S., Maikhuri, R.K., Nautiyal, S. "Crop damage and livestock depredation by wildlife: a case study from Nanda Devi Biosphere Reserve.," Journal Environmental Management, 66, 317-327, 2002.
- Sen, K.K., Rana, U., Semwal, R.L., Nautiyal, S., Maikhuri, R.K., Rao, K.S. "Patterns and implications of land use/cover change: a case study in Pranmati watershed (Garhwal Himalaya, India)," Mountain Research and Development, 22, 56-62, 2002

J. D. Sharma

- Jyotiraj "Environmental Security Policies based on Public Health and Environmental Medicine concerns in India," Health and Population Issues. National Institute of Health and Family Welfare.

V. Subramanian

- Madhavan, N; Rajinder Saxena and Lars-Christer Lundin (2003): "Nature of distribution of mercury in the sediments of the River Yamuna (tributary of the Ganges), India.," Journal Environmental Monitoring. 5(3): 427 - 434.
- N. Madhavan, "Fluoride in fractionated soil samples of Ajmer District, Rajasthan," Environ. Monit., 4, 821-822, 2002.
- Verma, A "Organic matter and amino acid concentrations in surface sediments of the Vembanad Lake, A tropical estuary.," Regional Environmental Change 2: 143-149, 2002
- Sajeev, R "Land use/ Land cover changes in Asthamudi Wetland Region of Kerala," A study using remote sensing and GIS, J. Geol. Soc. Indian, 2002.
- Verma, A, and Ramesh, R "Methane emission from the Vembanad wetlands, Kerala, India, ". Chemosphere, 2002

J. Subba Rao

- Azad. R.K., Wentian Li and Ramaswamy. R., "Simplifying the mosaic description of DNA sequences," Physical Review E 66 , 031913, (2002) September

- Azad. R.K., Wentian Li and Ramaswamy. R., "Simplifying the mosaic description of DNA sequences," Virtual Journal of Biological Research, Vol 4, Issue 7 (October, 2002)

C. K. Varshney

- A.P. Singh "Measurement of ambient concentration of NO₂ in Delhi using passive diffusion sampler," Current Science : (83):713-734.2002.
- A..P. Singh "Passive Samplers for NO_x Monitoring: A Critical Review," The Environmentalist, 23, 127-136, 2003.

RESEARCH PROJECTS (SPONSORED)

Kasturi Datta

- The use of hyaluronic acid binding protein as a diagnostic probe for male infertility under DBT
- Molecular analysis of human Hyaluronic acid binding protein that has multifunctional activity under DST

B. Gopal

- Enhancement of Flow of River Yamuna at Delhi - Preparation of a Research and Action Plan, Funded by National River Conservation Directorate, Ministry of Environment & Forests, Govt of India, 2002

V. Rajamani

- Geochemistry of Surface, Sedimentary Processes and Formation of Alluvial farmland in the Kaveri River Basin and Creation of a National Facility for Geochemical Research - Dept. of Science and Technology.
- Mega-Geomorphic Elements in Ganga-Yamuna (gy) Alluvial Plains and Their Stratigraphic Significance Interpreted through Sedimentology and Geochemistry - Dept. of Science & Technology.

V. Subramanian

- ENVIS Centre on Biogeochemistry. Funded by Ministry of Statistics and Programme Implementation, Govt. of India. continuous since 1994
- Surface Water Quality and Interaction of Groundwater pollution in and around Delhi. Funded by Department of Environment, Govt. of Delhi.
- Comparative Environmental Statistical Study of Municipal Solid Waste from Selected Cities of India. Funded by Ministry of Statistics and Programme Implementation, Govt. of India.
- Biogeochemical Studies of the Major Rivers of the Western Ghats. Funded by National Natural Resources Management System(NNRMS), Ministry of Environment and Forests, Govt. of India.
- Environmental Management Capacity Building and Technical Assistants Programme(EMCBTAP) on Biogeochemistry funded by Ministry of Environment and Forests, Govt. of India.

RESEARCH PROJECTS ON-GOING (SPONSORED)

Arun K. Attri

- CSIR funded project sanctioned on "Chemical characterization of lower tropospheric aerosol load in Delhi and its implications to ozone formation.

Sudha Bhattacharya

- Genome wide gene expression analysis of pathogenic and non-pathogenic species of Entamoeba using microarrays" Duration:5 years(March 2002-2007), University Grants Commission..
- Comparative Genomics approach to identify pathogenesis-related genes in E. histolytica" Duration: 3 years (2002-2006) , Indian council of Medical Research Role: P.I.

Kasturi Datta

- The gene encoding human hyaluronan binding protein 1 (HABP1) as a molecular probe for identifying spermatogenic arrest and its potential use in IVF under ICMR

- Functional assay of human HABP1 gene examining the expression profiles of the cell lines with its over expression and mutation under University with Potential of Excellence" Program of UGC in Genetics, Genomics and Biotechnology
- Oligomeric transition of Hyaluronic Acid Binding Protein (HABP1) in relation to its ligand interaction under DBT
- Molecular cloning and upstream sequence analysis of genomic DNA encoding hyaluronic acid binding protein under CSIR

P. S. Khillare

- Spatial and Temporal Distribution of Polycyclic Aromatic Hydrocarbons (PAHs) in Respirable Suspended Particulate Matter (RSPM) of Delhi", UGC, 2 years.

Saumitra Mukherjee

- NASA/ESA project on "Saturn Observation Campaign".
- NASA/ESA sponsored "SOHO" day observed on 18 March 2003. This project is on "SUN-EARTH CONNECTION".
- ISRO sponsored project on "Coastal Maharashtra"

AL.Ramanathan

- Study on the biogeochemistry and C budget in the Pichavaram Mangroves- International Foundation of Science, Sweden-Young Scientist Project.
- Climatic impact on the water resources -case study from the Achankovil river- MoEn and F (Government of India) and Winrock International, New Delhi.

K.G. Saxena

- Assessment of Vulnerability of Forests, Grasslands and Mountain Ecosystems due to Climate Change - a component of Enabling Activities for the Preparation of India's National Communication funded by Winrock International/Ministry of Environment and Forests.
- Biodiversity Conservation within the context of Traditional Knowledge and Ecosystem Rehabilitation funded by MacArthur Foundation in cooperation with UNESCO, New Delhi.
- Tropical Soil Biology and Fertility Programme-South Asian Regional Network Coordination sponsored by Tropical Soil Biology and Fertility Institute of CIAT (a CGIAR set-up).

RESEARCH PROJECTS ON-GOING (UN-SPONSORED)

K. Bhattacharya

- Land Disposal of Solid Wastes generated in Wazirpur Industrial Area in Delhi".

Saumitra Mukherjee

- Thermospheric Ionospheric Geospheric Research (TIGER) on Long term measurement of solar EUV/ UV fluxes for thermospheric/ionospheric modeling for space weather.

AL.Ramanathan

- "Land fill impact on the ground water quality - Case study from Delhi"

FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

Sudha Bhattacharya

- Woods Hole Molecular Parasitology meeting at Marine Biological Labs, Woods Hole, USA, Title of presentation:"EhRLE - a nonL. TR retrotransposon dispersed throughout the genome of E. histolytica.", Sept. 22-26,2002

D.K. Banerjee

- XI, International Conference Chemistry for Protection of Environment, Hawaii, USA, June 9-12, 2002 (Session Chair).

B.Gopal

- International Symposium on Wetland Restoration: Nanjing, China, September 2002 by Society of Wetland Scientists, USA, and Chinese Academy of Sciences
- Global Biodiversity Forum (GBF-17), Valencia (Spain), 15-17 November 2002 sessions Wetland Restoration and Mitigation, and Wetlands and Agriculture.
- International Conference on Promoting Best Practices for Conservation and Sustainable Use of Biodiversity of Global Significance in Arid and Semi-Arid Zones, 14 - 17 December, 2002, Cairo, Egypt by Third World Network of Scientific Organizations (TWNSO), and Desert Research Center (DRC), Cairo, Egypt
- Regional Seminar on River Restoration, Kuala Lumpur, January 13-15, 2003 by River Basin Initiative, Kuala Lumpur
- Fifth International Conference on Environmental Future of Aquatic Ecosystems, Zurich, 22 to 29 March 2003 by Foundation for Environmental Conservation, and Swiss Federal Institute for Environmental Science and Technology, Zurich

Saumitra Mukherjee

- organized International Workshop in JAPAN.
- Organized 3rd World Water Forum from 16 March to 23 March, 2003 in KYOTO - OSAKA and SHGA, Japan. Convener of two sessions: Session (1) at OSAKA on 18 March, 2003 on "Seismotectonics, Groundwater Quality and Rainwater Harvesting by Remote Sensing Techniques". Session (2) at KYOTO on 20 March, 2003 on Rainwater Harvesting with China, Japan and Phillipines.

AL.Ramanathan

- APN/START/LOCIZ regional workshop on assessment of fluxes to coastal zone in S.Asia and their impacts, 9 to 11 Dec 2002 In Negombo, Srilanka.
- International conference on urban hydrology, Nov 3-5, 2002, Kulalumpur, Malaysia.
- International Seminar On Head water resources management, United States University, Naorobi, Kenya, Sept 7 -9 , 2002, Nairobi, Kenya.

J. D. Sharma

- 5th International Congress of ISNIM." Montpellier. France. Sept. 9-11,2002.
- Promoting Integrity in research and publication" AGM Council on Publication Ethics (COPE) workshop 18 October,2002. British Medical Association House; Tavestock Square : London.
- Kew Kings-Square: Phytochemical Group Meeting, Franklin-Wilkins Building.150 Stamford Street. Kings College London. Nov. 13, 2002.
- "The Big Smoke: Fifty Years after 1952." London School of Tropical Hygiene and Medicine. London. December 9-11 2002.
- 1st Annual Conference EU AIRNET Dec. 11-12, 2002 London School of Hygiene Tropical Medicine, London.

V. Subramanian

- Nairobi,Kenya (Sept) Headwaters conference, Session Chair, 2002.
- Bangkok,Thailand(July) AIT meeting on environment, 2002.
- Uppsala, Sweden (June) Collaborative program in teaching and research since Jan, 2002 for 5 years. Palme Fellow at Uppsala Univ., 2002

- Columbo, Sri Lanka(Dec.) Sri Lankan Academy of Science, Biogeochemistry, APN Meeting, 2002.

K.G. Saxena

- Participated in International Workshop on Conservation and Sustainable Management of Belowground Biodiversity, 26th to 31st August, 2002, Wageningen, The Netherlands.

FACULTY PARTICIPATION IN CONFERENCES IN INDIA

A.K. Bhattacharya

- "National conference on Impact of Environmental Pollution on Health: Problems and Solutions" August 29-30,2002, India International Centre, New Delhi., Organizers: International Development Centre Foundation, New Delhi.
- "FAI Seminar - 2002 Fertilizer and Agriculture- Meeting the Challenges" , December 16-18,2002, Ashoka Hotel, New Delhi, Organizers Fertilizer Association of India.
- National Workshop on "Fresh Water Related Issues" with Discussion on "National River Linking Plan", March 31-April 2,2003, SES/JNU, paper presented "Water Quality Management, Pollution and sustainable Agriculture"., Organizers: JNU,UGC,DRS, WWF International, New Delhi.

Sudha Bhattacharya

- 13th Mid-year Meeting of the Indian Academy of Sciences (July 5-6, 2002 at Indian Institute of Science, Bangalore. Title of the talk" Retrotransposons in E. histolytica : Parasitic DNA in a parasite"
- 6th Symposium on Transcription Assembly (Oct. 22-23,2002 at JNU, New Delhi.

B. Gopal

- RA Workshop on Economic Valuation of Lake Nainital, Nainital, 3-5 May 2002
- Workshop on Protection of Urban Wetlands, New Delhi 3-4 October 2002
- National Conference on Recent trends in Aquatic Biology, 29-31 January 2003 by Department of Zoology, Nagarjuna University, Nagarjunanagar (A.P.) Delivered Keynote Lecture
- Water Quality Management: Second International Conference, New Delhi, 13-15 February 2003 by Central Board of Irrigation and Power, New Delhi.
- Round Table Conference on Water Quality and Wetlands: Socio-economic and Ecological Importance. New Delhi, 12-13 March 2003 by Indian Water Resources Society, New Delhi.

Kasturi Datta

- Invited lecture "Transcriptional activation on HABP-1 promoter by SP-1 and cAMP" in 6th National symposium on 'Transcriptional Assembly' October 22 & 23 2002, SLS/SCMM/JNU, New Delhi.
- Invited lecture "Assigning biological function to hyaluronan binding protein 1 (HABP1), a multiligand protein located on human chromosome 17 January 7 - 12, 2003, Bangalore.
- Presidential Address: "Environmental stimuli and cell-signalling: A perspective of the human gene encoding Hyaluronan Binding Protein 1", Environmental Science Section, Indian Association of Science Congress, Bangalore

AL.Ramanathan

- National Workshop on freshwater related issues with discussion on national river water linking plan (panel member and presented paper).Organized by ENVIS centre-EMCB node JNU, WWF, UGC and JNU. 31 March to 2 April 2003.
- Workshop on Enhancing awareness of intellectual property in technical institutions, AICTE at DCE, New Delhi , 25 March 2003.
- Programme on management of Research -MOEn and F in the Administrative Staff college, Hyderabad. 2002
- International workshop on Mangrove resilience,AN Indo-Belgium workshop, French Institute of Pondicherry, 14-19 Nov 2002.

- International conference on Quaternary climate change, 2002, Nainital , India 2002, April.

J.D. Sharma

- National conference on "Impact of Environmental Pollution on Health: Problems and Solutions" India International Center 29-30 August, 2002.
- National Conference on "Health for All- in the new Millennium", National Institute of Health and Family Welfare, New Delhi.

C.K.Varshney

- India Energy Meet on Climate Change & Clean Development Mechanism 28 January 2003, organised by The Associated Chamber of Commerce and Industry (ASOCHEM) , New Delhi.
- Annual Congress India's Urban Transport - Vision 2050 10-11 December 2002, organised by Institute of Urban Transport (India) , New Delhi

FACULTY LECTURES OUTSIDE JNU

Kasturi Datta

- "Hyaluronan binding protein (HABP1): a tool in understanding spermatogenesis and male infertility", Prof. MRN Prasad Lecture Award, INSA..

K. G. Saxena

- Participated in Regional Workshop on Methodologies for Integrated Natural Resource Management sponsored by UNESCO and held at North-Eastern Hill University, Shillong, November 21-28, 2002.

J. D. Sharma

- Role of Medicinal Ecology in Environmental Medicine" Franklin Wilkins Building, 150 Stamford Street. Kings College London. November 13,2002.
- Center for Occupational and Environmental Health. I) Ergonomics; ii) Monitoring for Safety in the workplace. Lok Nayak Hospital Delhi 27 February to 4 March, 2003. Workshop on Occupational Health Safety.
- i) Air Pollution and Health. 12 March, 2003. ii) Evolution and Life. 18 March,2003. Academic Staff College, New Delhi..

V. Subramanian

- Lecture: global warming and water resources: given at Jadavpur University, Calcutta. March 12-13, 2003.
- Special Lectures Cauvery water dispute at Tata Management Centre, Pune Nov. 15, 2002
- Jadavpur University, Calcutta. Water resources: Quantity and Quality Public Lecture- October, 2002

C.K.Varshney

- Invited Lecture on "Values of Wetlands" delivered at Regional workshop on Wetlands held at Gandhinagar, Gujarat. 9-11 February 2003.
- Invited lecture on " Plant Indicators and Biomonitoring" at World Bank Added Training Programme on Environmental Pollution, held at ITRC Lucknow. March 2003.
- Invited to delivered Key- Note Address at the Round Table Conference on Water Quality and Wetlands: Socio-economic and Ecological Importance. March 2003.

VISITORS TO THE SCHOOL

1. Dr. Vincent C. Hascall, Chairperson, Biomedical Engineering, Cleveland Clinic, Ohio (USA) visited the School during 8-11 January2003.

2. Dr. Robert Stern, Department of Pathology, University of California, San Francisco (USA) visited the School on 9 January 2003.
3. Dr. W.R. Erdelen, Assistant Director-General for Natural Sciences, United Nations Educational, Scientific and Cultural Organization (UNESCO) visited the School on 21 October 2002.

SEMINARS/CONFERENCES ORGANISED BY THE SCHOOL

J. Behari

- National Seminar on Microwave Applications. 4 Dec. 2002, sponsored by Microwave Application Society of India.

P. S. Khillare

- Training Programme on "Air Quality Laboratory Management Including Quality Assurance" for 25 professionals of the Centre/State Pollution Control Boards during the period of 3-7 March 2003 supported by the World Bank under its EMCBTA project.

V. Rajamani

- "SSS Studies - Jointly sponsored by DST/CSIR on Jan 18, 2003

A. L. Ramanathan

- National seminar on water quality sponsored by MOEn and F and RGNNDWM, GOI, India, 2002.

V. Subramaian

- Workshop on "Fresh Water Related Issues and Round Table Discussion on National River Linking Plans" during 31 March to 2 April, 2003.
- Co-sponsored workshop on Soil Moisture at JNU during Dec. 15-17, 2002.

AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

Kasturi Datta

- Fellow, Third World Academy of Sciences, Trieste, Italy. (FTWAS)
- Award, Dr. Darshan Ranganathan Memorial Lecture (2003), INSA
- President, Environmental Science Section, 90th Indian Science Congress Association, 2003.

MEMBERSHIP OF BOARDS/COMMITTEES

Arun K. Attri, Invited expert in the panel for conducting KVYP (HRD) interviews for talent search fellowships; Appointed expert in a panel of examiners Guru Gobind Singh Indraprastha University; Member DBT RCJM committee; Member, expert panel for the annual review of Down to Earth (CSE); Member of Jury for Green leaf award (CSE)

D.K. Banerjee, On the Editorial Board of three international research journals, viz., Chemical Speciation & Bioavailability (UK), Indoor & Built Environment (Switzerland) and Environmental Practice (USA). Member of Academic Council, TERI School of Advanced Studies; Member of Board of Studies, MS University of Baroda and IGNOU; Member of Selection Committees/Advisory Committees in CPCB, CSE etc.

A.K. Bhattacharya, Member of Board of Studies, Department of Environmental Planning, School of Planning and Architecture, I.P. Estate, New Delhi for a period of two years up to 2-12-2004.

Kasturi Datta, Chairperson, Task force Human Resource Development, DBT. (2000-2003); Member, Biotechnology Research & Promotion Committee, DBT; Member, Research Council Advisory Committee, Salt and Marine Research Institute, CSIR, Bhavnagar.

B. Gopal, Indian National Representative on the SIL International Committee; Member, Wetland Working Group of INTECOL 1980; Chairman, Science and Environmental Education Society, India, 1982; Secretary General, National Institute of Ecology (India) 1978-; Member, Selection Committee for International Fellow Award of the Society of Wetland Scientists, 2003-05; Member, Steering Committee on Conservation & Management of Harike, Kanjli and Ropar Wetlands, 2000-2003, 2003-2006 (Committee constituted by the Governor of Punjab); Member, Quinquennial Review Team for Central Inland Fisheries Research Institute, Barrackpore (Committee appointed by the Indian Council of Agricultural Research, New Delhi), 2003; Member, Academic Council of TERI School of Advanced Studies (Deemed university), New Delhi, 2003-; Member, Research Advisory Committee, Ministry of Environment & Forests, Govt of India 2003-05; Member, Committee, National Lake Conservation Plan, Ministry of Environment & Forests, 2003-05; Member, SubCommittee on River regulation Zone, National river Conservation Directorate, Ministry of Environment & Forests, Govt of India , 2002-; Member, Board of Studies, School of Environmental Studies, Delhi University, Delhi, 2001-04.

V. Subramainan, Working group on Bay Of Bengal region for Global International Water Assessment (GIWA); Member, Technical Committee, Indian Standard Institution for standardizing Waste water and Toxic component; Member, research Committee (EIA), Central Water Commission.

C.K.Varshney, Member Course Design Committee for The Appreciation Course on Environment, IGNOU, New Delhi; Member, Monitoring Committee, Center for Mining Environment, Indian School of Mines, Dhanbad, Ministry of Environment and Forests, New Delhi; Member, National Wetland Committee Ministry of Environment and Forests, Government of India, New Delhi; Chairman, Research sub-Committee on Wetlands Committee Ministry of Environment and Forests, Government of India, New Delhi.

ACHIEVEMENTS OF THE STUDENTS

1. Presidents Gold medal for Dr. Anuradha Verma

ANY OTHER INFORMATION

B.Gopal

- Editor, International Journal of Ecology and Environmental Sciences (1974-)
- Member, Editorial Board of Hydrobiologia (Kluwer Academic Publ., Netherlands) (1988 -)
- Wetlands Ecology and Management (SPB Academic, Netherlands) (1990 -) River Research and Application (formerly Regulated Rivers: Research & Management)(John Wiley, U.K.) (1991 -) The Scientific Journal - Freshwater Systems Domain (Infotrieve.com) (2000-)- electronic journal
- Editor, Bulletin of the National Institute of Ecology

C.K. Varshney

- Deputed by the Ministry of Environment and Forests to represent Government of India on the Panel for interviewing candidates for the post of 'Regional Coordinator for Asia' for the Ramsar Bureau , Gland, Switzerland. October 2002.

4. School of International Studies (SIS)

Established in 1955, the School of International Studies is the oldest school of the University. During the forty-six years of its existence, the School has established itself as one of the premier institutions in the country for the study of international relations and area studies.

The School has made pioneering contributions in promoting the study of international relations as an academic discipline in India and in advancing knowledge and understanding of international affairs in an inter-disciplinary perspective. The School is also the first institution in the country to promote "Area Studies" and to develop expertise on various countries and regions of the world. It has also acquired an international reputation as a center of advanced learning.

For a long time, the academic programme of the School focused exclusively on research and the only degree it awarded was Ph.D. Soon after the School became a part of the Jawaharlal Nehru University, the M.Phil curriculum was introduced in 1971-72. In the following academic year 1973-74, the School started offering a 2 year MA (Politics: International Studies) programme. Much later in 1995-96, a new and unique M.A. programme in Economics (with specialisation in World Economy) was introduced by the Economics Division of the Centre for Studies in Diplomacy, International Law & Economics.

A large number of our M.Phil/Ph.D students qualify in the written tests for UGC fellowships. Moreover, almost every State Government has instituted a fellowship (in some cases more than one) to be awarded to students meeting the criteria of domicile status in the state concerned. As for the output of the School, it may be noted that, as on January 2002, 527 scholars have been awarded Ph.D and 1734 M.Phil degrees.

In recent years, several Chairs have been instituted in the School. These are Appadorai Chair, Nelson Mandela Chair, State Bank of India Chair and Chairs in Environmental Law and Space Law. Members of the faculty of the School have contributed to the advancement and dissemination of knowledge in International Studies, not only through their teaching and research supervision but also by publishing books and journal articles of highest international repute.

The School also holds a series of extension lectures every year on a theme relating to contemporary international relations. Pursuant to a decision of the Academic Council in February 1989, these lectures are now known as "Hriday Nath Kunzru Memorial (Extension) Lectures on International Relations". Under an endowment funded by Asia Publishing House, Bombay, it holds lectures in memory of the great poet and patriot, Sarojini Naidu and invites a distinguished scholar or statesman to deliver the memorial lecture.

The School has decided to launch a new programme on Comparative Area Studies. It would promote through well conceived, time bound projects, rigorous Comparative Research on specific issues/area and problems that transcend particular areas. The idea is to develop research agenda that would build thematic bridges across area specialities.

The School publishes a quarterly journal, International Studies. Founded in July 1959, this journal has acquired an international standing as the leading Indian academic journal in the field. It publishes original research articles on issues and problems, including problems of theory of contemporary relevance in the broad field of international relations and area studies.

Being a refereed journal, it attracts contributions not only from the members of the School faculty and other Indian universities/ research institutions but also from scholars all over the world.

The School offers the following M.Phil./Ph.D. programmes of study:

- i) American Studies
- ii) Latin American Studies
- iii) West European Studies
- iv) Canadian Studies
- v) Diplomatic Studies
- vi) International Legal Studies

- vii) International Trade and Development
- viii) Chinese Studies
- ix) Japanese and Korean Studies
- x) International Politics
- xi) International Organisation
- xii) Disarmament Studies
- xiii) Political Geography
- xiv) Russian and East European Studies
- xv) South Asian Studies
- xvi) South East Asian & Southwest Pacific Studies
- xvii) Central Asian Studies
- xviii) West Asian and North African Studies
- xix) Sub-Saharan African Studies

The profiles of the individual Centres which follow contain a detailed description of these M.Phil./Ph.D programmes. M.A. Politics (International Studies)

The M.A. programme in Politics (International Studies) was introduced in the School in the academic year 1973-74 to fill the great demand for an MA Political Science programme with specialisation in International Studies. This programme, apart from core courses in Political Science, also offers core courses in key disciplinary areas of International Studies, as well as a wide range of courses which are both discipline and area based. This is one of most popular and largest post graduate programmes of the University with a present intake capacity of 69.

M.A. Economics (with specialisation in World Economy)

This programme is run by the Economics Division of CSDILE. A detailed description of this programme of study is given under the profile of CSDILE.

THRUST AREAS & PERSPECTIVE PLANS

Centre For American & West European Studies

The thrust areas of Latin American Studies Programme include process of political and economic restructuring covering structural adjustment programmes (SAPs), external debt-its management and consequences; economic regionalism with special focus on NAFTA and Mercosur; Indo-Latin American relations in areas of trade and diplomacy, and cooperation in multilateral for a importantly WTO; Indian diaspora in the Caribbean-religion-cultural, social, and political dynamics; electoral-democracies in Latin America; recent elections; civil society and 'new' social movements; indigenous communities; post-Cold War security perceptions and doctrines in the region; Latin America and the evolving international political order-issues of dependence and inter-dependence.

Latin American Studies is a modest programme as compared to other area study programmes in SIS. However, it compares well in terms of themes of research and quality of work with some of the well-established programmes of Latin American studies in India and abroad.

The faculty comprises one Professor (with disciplinary background of Political Science); one Associate Professor (Economics); and the Brazilian Studies Chair endowed by the Government of Brazil for teaching of history of Latin America and the Portuguese language.

Any perspective planning needs to look into the need to strengthen the library holdings on Latin America and the Caribbean, and the expansion of teaching and research faculty in the programme. This is imperative on account of experiences of economic liberalization and foreign policy conduct of Latin American countries which, undoubtedly, have interest and relevance in India both at the scholarly and policy-planning levels.

Centre for Studies in Diplomacy, International Law Economics

V.K.H. Jambholkar

- India's Diplomatic history, Indian Diplomacy and foreign policy.
- Studying archival material for publication purposes.
- Contemporary Diplomacy and the developing world - issues concerning security, intelligence and international terrorism.

Centre for International Politics, Organization and Disarmament

The International Politics Division has a wide-ranging focus of study and research, encompassing the theory and practice of international politics. It undertakes all kinds of studies - empirical, normative, theoretical and futuristic - which have a bearing on the problems of conflict and cooperation in international politics. In recent years, there has been an ever-increasing emphasis on such issues-areas as environment, human rights, ethnicity and culture, democracy and civil society. The study of globalisation and its impact on the State, particularly in the developing world, is another area of intellectual pursuit. However, the realm of State-centric power politics has by no means been jettisoned, and substantial work in the Division continues to be done in such areas as grand strategy, foreign policy analysis and great power-middle power relations. For the future, the International Politics Division has identified quantitative analysis of international political economy and normative/post-modern theory as two areas in which its research capabilities will be further strengthened.

The International Organization Division seeks to study the problems of international security, international cooperation, regional and universal organizations, and India's role in multilateral bodies. In the last few years, substantial research has been done in the Division on peacekeeping and peacemaking operations, humanitarian intervention, international trade and the right to development, and regime building in various areas of international politics and global economy. The Division proposes to lay greater emphasis on the various organizational issues related to global governance in the coming years.

The Disarmament Studies Division has traditionally endeavored to develop the perspectives of the developing countries on problems of disarmament. This has necessitated a critical analysis of the underlying assumptions regarding disarmament and arms control which are projected by the literature published in the Western countries. Apart from arms control and disarmament, the Division also focuses on diverse issues of national, regional and international security. There is particular emphasis on new approaches for building peace and preventing war, such as conflict resolution, confidence building measures and cooperative security. The Division has encouraged research on questions of military history and sociology and on civil-military relations. In recent years, effort has also gone into the study of maritime security. Peace and conflict resolution, as a distinct branch of study, is expected to receive much greater research emphasis over the next few years.

The Political Geography Division seeks to provide geopolitical and geo-strategic perspectives on international politics by studying both temporal and spatial aspects of contemporary international relations. Further emphasis on the theory of political geography can be expected in the future.

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE CENTRE/SCHOOL

Centre For American & West European Studies

Latin American Studies Programme maintains collaboration with other Universities and specialized organizations such as the Confederation of Indian Industry (CII).

During the year 2002, initiatives were taken and held discussion with the faculty of the Department of Political Science, Indira Gandhi National Open University for collaborative study and research. This has led to the formulation of an MA level course entitled 'State and Society in Latin America' which IGNOU shall be offering from the year 2003. Preparation of the study material for the course which involves,

besides writing some of the course material, editing the entire course material.

Latin American Studies programme maintains collaborative arrangement with the Centre for Latin American Studies, Goa University through joint seminars, etc. It was with the cooperation of the Latin American Studies programme that an Institute of Latin American Studies was started couple of years ago in the Department of Western History, Lucknow University. Latin American Studies programme continues to extend its support to the Institute.

Prof. Jose Leal Ferreira, Brazilian Studies Chair has been offering instruction in Portuguese language to research scholars of the Centre for Historical Studies, School of Social Sciences and those from other centres/schools.

Initiatives were also taken and held discussion with the faculty of the Department of Political Science, Indira Gandhi National Open University for collaborative study and research. This has led to the formulation of an MA level course entitled 'Government and Politics in Canada' which IGNOU shall be offering from the year 2003.

Canadian Studies Programme is maintaining close collaboration with the Shastri Indo-Canadian Institute, New Delhi towards building the library source material on Canada, besides for organizing visiting lectureships of the SICI at Canadian Studies programme of SIS.

REVISION OF EXISTING COURSES AND INSTITUTIONS OF NEW COUSES AND PROGRAMMES OF STUDIES

Centre For American & West European Studies

The course contents are periodically reviewed and suitably updated so as to incorporate into the teaching and research programmes new developments of scholarly significance. Besides, current developments in the region are regularly covered through extension lectures and internal seminars. Latin American Studies programme continues with the SIS tradition of weekly seminars with both students and faculty, and some times outside specialists, presenting papers on various current themes of academic interest.

During the year 2002-2003, five courses were offered In Latin American Studies, M.Phil course on 'Government & Politics in Latin America' during the Monsoon Semester (July-December 2002); and MA (elective) course on 'Foreign Policies of Major Latin American Countries' during the Winter Semester (January-May 2002).

In the Canadian Studies Programme, M.Phil courses on 'Government & Politics in Canada' in Monsoon Semester (July-December 2002); and on 'Political Economy of Canada' during the Winter Semester (January-May 2003) were offered. In addition, an MA elective course on 'Canada in World Affairs' was also offered during the Winter Semester (January-May 2003).

Centre for Studies in Diplomacy, International Law and Economics

1. Macroeconomics I - compulsory course in 1st semester of MA Economics (with specialization in world economy), and
2. Corporate Finance - optional course in 4th semester of MA Economics (with specialization in world economy).
3. Courses on diplomacy were revised for the M.A. and M.Phil programmes. Initiatives were taken in organising school level workshop or revising the M.A. courses at the school level in the context of global developments. Efforts were made to mobilise for revising the courses at the school level programme through the Board of Studies.

Centre for West Asian & African Studies

Anwar Alam

- An M.Phil Course on "Politics and Foreign Policy of Egypt"
- Organized a workshop on 'Revision/up gradation of Existing/Taught M.Phil Courses and Research Methodology, CWAAS/SIS/JNU

SPECIAL REMEDIAL MEASURES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENTS

Centre For American & West European Studies

Abdul Nafey

As a matter of policy, the entire faculty of Latin American Studies works out special teaching arrangements for SC/ST students as well as for the academically weak students. This year too, Latin American studies programme continued with its efforts. A number of SC/ST and PH candidates successfully completed their required research works during the year.

Centre for Studies in Diplomacy, International Law and Economics

1. Centre is guiding academically weak students whose knowledge and understanding of Economics is weak though they show satisfactory knowledge of Mathematics.
2. **V.K.H. Jambholkar**, Was a member of the school level committee for special remedial courses for SC ST and other academically weak students.

Centre for West Asian & African Studies

Assistance was given to the students in organizing the Remedial classes of English for SC/ST Students of JNU.

PUBLICATIONS

Books

Centre For American & West European Studies

B.Vivekanandan

- *India Looks Ahead: Jayaprakash Narayan Memorial Lectures, 1990-2001*, (Lancers Books, New Delhi 2002).

Rajendra K. Jain

- *The European Union in a Changing World* (New Delhi: Radiant Publishers, 2002).
- *India and the European Union in the 21st Century*, (editor), (New Delhi: Radiant Publishers, 2002).

R.L. Chawla

- Andres France, ed., *Financing for Development in Latin America and Caribbean*, (Tokyo: UN University Press 2001). Reviewed for *International Studies* (New Delhi), Vol. 40 No.1, 2003.

Centre for Studies in Diplomacy, International Law and Economics

Pushpesh Pant

- *Desh aur Duniya*, A book on Indian Foreign Policy/ Growthships.

Alokesh Barua

- Submitted a manuscript (edited) for publication on *India's Northeast: Developmental Issues in a Historical Perspective*.

Bharat Desai,

- *Institutionalizing International Environmental Law*, (New York: Transnational Publishers, forthcoming).

Centre for Russian, Central Asian and East European Studies

Anuradha Chenoy

- *Militarism and Women in South Asia*, (New Delhi : Kali, 2003).

Gulshan Sachdeva

- *Growth through Partnership: Doing Business with Central and Eastern Europe*, (New Delhi: FICCI and Ministry of Commerce,2002).

Nirmala Joshi

- *Central Asia the Great Game Replayed: An Indian Perspective*, (New Delhi; New Century Publications, 2003).

Shams-ud-din

- Bhaswati Sarkar ed., *Afghanistan and Central Asia in the New Great Game*, (New Delhi, Lancers Books, 2003).

Shashikant Jha

- Bhaswati Sarkar (eds.), *Amidst Turbulence and Hope: Transition in Russian and Eastern Europe*, (New Delhi Lancers Books, 2003).

Centre for South Central Southeast Asian & Southwest Pacific Studies

K. Warikoo

- *The Afghanistan Crisis: Issues and Perspectives*, (Edited) New Delhi, 2002. XXX, 523 pp.

Centre for West Asian & African Studies

A.K. Pasha

- *Egypt in a Changing world* ,(New Delhi: National Publishing House, 2003)
- *Iraq: Sanctions & Wars*, (New Delhi: Sterling Publications, 2003)

A.K. Dubey

- *Indian Diaspora: Global Identity*, Editor (New Delhi :Kalinga Publication, 2003)

P.R. Kumaraswamy

- *Israel, the Hashemites and the Palestinians: The Fateful Triangle*, Co-edited with Efraim Karsh, (London: Frank Cass, 2003)

Chapters Contributed to Books

Centre For American & West European Studies

B.Vivekanandan

- "Editor's Introduction", in B.Vivekanandan, ed., *India Looks Ahead: Jayaprakash Narayan Memorial Lectures 1990-2001*, (New Delhi, Lancer's Books, 2002).

Christopher S. Raj

- "European Union's Common Foreign and Security Policy," in R.K. Jain ed., *The European Union in a Changing World* (Radiant Publication, New Delhi, 2002).

Rajendra K. Jain

- "Indian Foreign Policy on the Threshold of the Twenty-first Century," in Francis Snyder, ed., *Regional and Global Regulation of International Trade* (Hart Publishing, 2002), pp. 131-164.
- "Eastward Enlargement of the European Union: East European Perceptions and Perspectives," in Shashikant Jha and Bhaswati Sarkar, eds., *Amidst Turbulence and Hope: Transition in Russia and Eastern Europe* (New Delhi: Lancer's 2002), pp. 207-225.
- "Eastward Enlargement of the European Union," in Rajendra K. Jain, ed., *The European Union in a Changing World* (New Delhi: Radiant Publishers, 2002), pp. 46-80.
- "The European Union and SAARC," in Rajendra K. Jain, ed., *India and the European Union in the 21st Century* (editor), New Delhi: Radiant Publishers, 2002, pp. 70-90.

- "Editor's Introduction," in Rajendra K. Jain, ed., *The European Union in a Changing World* (New Delhi: Radiant Publishers, 2002).
- "Editor's Introduction," in Rajendra K. Jain, ed., *India and the European Union in the 21st Century* (editor), New Delhi: Radiant Publishers, 2002.

Chintamani Mahapatra

- "US Approach to Eastern Europe," in Shashikant Jha and Vaswati Sarkar, ed., *Amidst Turbulence and Hope* (New Delhi, Lancers Books, 2002).
- "Security Without Nuclear Weapons," in Hans Levanders, ed., *Instead of Nuclear Weapons: New Views on Human Global and National Security*, Report Prepared by International Physicians for the Prevention of Nuclear War (Sweden, Swedish Physicians for The Prevention of Nuclear War, SLMK, 2002).
- "EU-US Relations Problems, Prospects and Implications", in R.K. Jain, ed., (New Delhi, Radiant Publisher, 2002)

R.L. Chawla

- "The European Union and Latin America", in R.K. Jain ed., *The European Union in a Changing World*, New Delhi, 2002.
- "Indo-Japanese Trade and Investment: Some Aspects", in K.B. Kesavan ed., *Building a Global Partnership: Fifty Years of Indo-Japanese Relations*, New Delhi, 2002, Ch.14.

Centre for Studies in Diplomacy, International Law and Economics

B. S. Chimni

- "Post-conflict peace-building and the return of refugees: Concepts, practices, and institutions" in Edward Newman and Juanne van Selms eds, *Refugees and Forced Displacement* International Security, Human Vulnerability, and the State Tokyo: United Nations University.
- "Refugees and Post-Conflict Reconstruction: A Critical Perspective" in Edward Newman and Albrecht Schnabel eds., *Recovering from Civil Conflict: Reconciliation, Peace and Development* (Frank Cass, London, 2002)

Alokesh Barua

- Introduction in A. Barua edited (forthcoming) *India's Northeast*.
- "Structural Change, economic growth and regional disparity in the Northeast: Regional and National Perspective," (with Arindam Bandopadhyaya in A. Barua edited (forthcoming) *India's Northeast*.
- "The rise and decline of the Ahom dynastic rule: A suggestive interpretation," in A. Barua edited (forthcoming) *India's Northeast*.
- "History, trade and development: A critique of the trade-oriented strategy of industrialization for the Northeast," in A.Barua edited (forthcoming) *India's Northeast*.

A.S. Ray

- "Political Economy of Rural Health Care in India: A Micro Theoretic Approach" in M. Chatterji and P. Gangopadhyay (eds.) *Globalisation in the Asia Pacific Region*, Edward Elgar, UK, Forthcoming 2003.
- "Technological Development in Indian Industry: Challenges and Options after the East Asian Crisis", Richard Hooley and J.H. Yoo (ed.). *The Post Financial Crisis Challenges for Asian Industrialization*, Elsevier Science (JAI): Amsterdam, 2002

Bharat H. Desai

- "Strengthening International Environmental Governance: Some Reflections", contributed for the Workshop organized by Konrad Adenauer Stiftung (New Delhi, April 2002). Being published in the book: *The Value of Nature: Ecological Politics in India* (New Delhi: Sage Publications, forthcoming).

Centre for East Asian Studies

Varaprasad Sekhar

- Xin Liu, In "One's Own Shadow: An Ethnographic Account of Post-Reform Rural China," (Berkeley: University of California Press, 2000) in *China Report*, 38:3(2002).
- Daya Kishan Thussu, "International Communication: Continuity and Change," (London: Edward Arnold Publishers, 2000) in *International Studies*, 40:1(2003).

Centre for International Politics, Organization and Disarmament

C.S.R. Murthy

- "United Nations and Afghanistan Situation: The Taliban Era" in K. Warikoo, ed., *The Afghanistan Crisis: Issues and Perspectives* (New Delhi: Bhavana Publishers, 2002)
- "Nehruvian Nationalism and United Nations", in Taufiq A. Nizami, ed., *Nehru's World View: Internationalism Vs. Nationalism* (New Delhi, Three Way Printers, 2002)

Varun Sahni

- "Fractured, Frightened and Frustrated: South Asia After 11 September", in Dipankar Banerjee and Gert W. Kueck (eds.), *South Asia and the War on Terrorism: Analysing the Implications of 11 September* (New Delhi: India Research Press, 2002)

Swaran Singh

- "United States' War on Terrorism and its Impact on India China Ties", *India in 21st Century: External Relations* (Shanghai Institute of International Studies, Shanghai, 2002).
- "China and South Asian Security Complex", in V.T. Patil and Nalini Kant Jha (ed.), *India in a Turbulent World: Perspectives in Foreign and Security Policies* (New Delhi: South Asian Publishers, 2003).
- "China's Afghan Policy: Limitations and Leverages", in K. Warikoo (ed.), *Afghanistan Crisis: Issues and Perspectives* (New Delhi: Bhavana Books, 2003).

Centre for Russian, Central Asian and East European Studies

Amitabh Singh,

- "International Mediation: The Yugoslav Experience" in Shashikant Jha & Bhaswati Sarkar (eds.), *Amidst Turbulence and Hope: Transition in Russian and Eastern Europe*, (New Delhi Lancers Books, 2003).

Ajay Kumar Patnaik

- "Strategic games and South Asia-Central Asia relations", in Mahavir Singh and Victor Krassilchchikov (eds.) *Eurasian Vision*, (Anamika, New Delhi, 2003)
- "Women and Gender issues in Russia", in S.K. Jha and Bhaswati Sarkar (eds.) *New Challenges to Russia and East Europe in the Post-Cold war period*, (New Delhi, Lancers, 2002).

Anuradha Chenoy

- "Indo-Russian Relations, An Over view" in Arun Mohanty edited, *India-Russia: Dialogue of Civilizations*, International Centre for Socio-Political Studies, (Moscow, 2003)
- "Russia, Energy Security and the Afghan Stakes", in Shreedhar, ed. *Afghanistan in Transition*, Indian Council of World Affairs, (New Delhi, 2003.)
- "Forever Victims" in Susan Hawthorne and Bronwyn Winter, eds., *September 11, 2001, Feminist Perspectives*, (Spinifex Press, Melbourne, 2002).

Gulshan Sachdeva

- "Macroeconomic Policies and Achievements in Central and Eastern Europe, 1990-2000" in Shshikant

Jha and Bhaswati Sarkar (ed) *Amidst Turbulence & Hope: Transition in Russia and Eastern Europe*, (New Delhi: Lancer Books, 2002).

- "Understanding Central Asian Economic Models" in Nirmala Joshi ed., *Central Asia the Great Game Replayed: An Indian Perspective* (New Delhi; New Century Publications, 2003).
- "Second Generation Reforms in the North East" in R P Kharपुरi ed., *Vision for the Northeast in the New Millennium.* (Shillong: North Eastern Council, 2003).
- "Indo-Russian Economic Relations", in Prasanna Patasani, (ed.) *Indo-Russian Strategic Partnership*, (New Delhi: Samskriti, 2002).

Nirmala Joshi

- "India and Russia: Geopolitical Interests and Security Concerns", in Prasanna Patasani (M.P.), ed., *Indo Russian Strategic Partnership* (New Delhi, 2002).
- "Russian - Japanese Relations in the Twenty First Century", in K.V.Kesavan, (ed.), *Building Global Partnership Fifty Years of Indo-Japanese Relations*, 2002.
- "Russia's Security Concerns and NATO", in Shashikant Jha and Bhaswati Sarkar (eds.), *Amidst Turbulence and Hope: Transition in Russian and Eastern Europe*, (Lancer's Books, New Delhi 2003).

Sanjay Kumar Pandey,

- "Russia's Superpresidentialism: Need of the Time or Threat to Democracy?", in Shashikant Jha and Bhaswati Sarkar, eds., *Amidst Turbulence and Hope: Transition in Russia and East Europe* (New Delhi: Lancer's Books, 2003)
- "India and Central and West Asia" for the course India and the World for Master's Programme of Indira Gandhi National Open University, New-Delhi.

Shashikant Jha

- "Aspects of Democratic Transformation in East - Central Europe", in Shashikant Jha and Bhaswati Sarkar (eds.), *Amidst Turbulence and Hope: Transition in Russian and Eastern Europe*, (Lancers Books, New Delhi 2003).
- "India's Relations with New Russia from the Soviet Disintegration to Strategic Partnership", in Nalini Kant Jha, (ed.), *South Asia in 21st Century: India, Her Neighbours and the Great Powers*, (South Asian Publishers Pvt. Ltd., New Delhi 2003).

Centre for South Central Southeast Asian & Southwest Pacific Studies

K. Warikoo

- "Introductory Chapter to the book *The Afghanistan Crisis*," (Edited by K. Warikoo) *New Delhi*, 2002.
- "Shadow of Afghanistan over Kashmir In *The Afganistan Crisis*," (Edited by K. Warikoo) *New Delhi*, 2002.

Ganganath Jha

- "Australia and Southeast Asia", in D. Gopal, eds. *Australia in the Emerging Global Order*, (New Delhi, Shipra, 2002).
- "Indonesia's Political System and Complexities", in Satish Chandra and Baladas Ghoshal, eds., *Indonesia: A New Begining*, New Delhi, 2002).

Centre for West Asian & African Studies

A.K. Pasha

- "South India and the Gulf : Trade and Diplomacy during the late 18th Century" in N N Vohra ed; *History, Culture and Society in India and West Asia* (New Delhi: IIC, Shipra Publications, 2002)

A.K. Dubey

- "Indian Diaspora in Africa Changing Policies of India" in S.D. Singh and Mahavir Singh. Ed. *Indians Abroad* (New Delhi., Greenwich Millenium, 2003)

P.C. Jain

- "Culture and Economy in an "Incipient" Diaspora: Indians in the Persian Gulf Region", in Bhikhu Parekh and S. Vertovec (eds.), *Culture and Economy in the Indian Diaspora*. (London: Routledge, 2003).
- "Population Dynamics in West Asia and North Africa", in N.N.Vohra (ed): *History, Culture and Society in India and West Asia*. (New Delhi: IIC, Shipra Publications, 2003)
- "Indian Diaspora in Canada", in Ajay Dubey (ed) *Indian Diaspora: Global Identity*. (New Delhi: Kalinga Publications, 2003).

P.R. Kumaraswamy

- "Israel, Jordan and the Masha'al affairs", in Efraim Karsh and P.R. Kumaraswamy (ed), *Israel, the Hashemites and the Palestinians: The Fateful Triangle*, (London: Frank Cass)
- "India and Israel: Emerging partnership", in Sumit Ganguly, (ed), *India as an Emerging Power*, (London: Frank Cass, 2002).
- "Minorities in the Middle East: An inquiry", in N.N. Vohra, (ed), *History, Culture and Society in India and West Asia*, (New Delhi: Shipra for IIC, 2002)

Anwar Alam

- "Secularism in India: A Critique of Current Discourse", in Paul Brass and Achin Vinayak, ed. *Competing Nationalism in South Asia* (New Delhi: Orient Longman, 2002).

Gulshan Dietl

- "Unitary Histories, Epistemological Divides: A Summing Up" in N.N.Vohra, ed., *History, Culture and Society in India and West Asia* (New Delhi, Shirpa Publications, 2003).
- "Post-war Afghanistan and Iran: The Challenges Ahead" in Sreedhar, ed., *Afghanistan in Transition* (New Delhi : Indian Council of World Affairs, 2003).

Articles

Centre For American & West European Studies

R.L. Chawla

- "Recent Economic Crisis in Argentina: A Perspective", *India Quarterly*, Vol. LVIII No.2 April-June 2002

Centre for Studies in Diplomacy, International Law & Economics

B.S. Chimni

- "Need for Transnational Transparency and Openness: Comment on Stiglitz" in Mathew Gibney ed., *The Oxford Amnesty Lectures* (Oxford University Press, Oxford, 2002)
- "The War Against Iraq. The occupation and International Law" *Third World Resurgence* No. 151-152 March-April 2003.
- "*Do We Need a Humanitarian Council to Authorize Humanitarian Interventions*" *The International Journal of Human Rights* vol. 6.1 (Spring 2002).

A.S. Ray

- "The Political Economy of Drug Quality: Changing Perceptions and Implications for the Indian Pharmaceutical Industry", *Economic and Political Weekly*, Vol. 38 No. 23, (with S. Bhaduri)

Prabal Roy Chowdhury

- "Limit Pricing as Bertrand Equilibrium, 2002,," *Economic Theory* 19, 811-822. (Springer Verlag)".
- "International Joint Ventures: A Welfare Analysis," (joint with Indrani Roy Chowdhury), 2002, *Policy Reform* 5, 51-60 (Routledge, Taylor and Francis)".
- "Consistent Stability in generalized Assignment Models," 2002, *Keio Economic Studies* 39, 9-22, (International Academic Printing Co.).
- "Bertrand Equilibrium with Entry: Some Limit Results," (Joint with William Novshek), 2003, *International Journal of Industrial Organization* 21, 795-808. (Elsevier Science)".
- "Inefficiencies in a Model of Team Formation, 2003,," *Group Decisions and Negotiations* 12, 195-215. (Kluwer Academic Publishers).
- "Asymmetric Capacity Costs and Joint Venture Buyouts," (joint with Sugata Marjit), 2003, Forthcoming *Journal of Economic Behavior and Organization* (Elsevier Science)".
- "Coalition-proof Bertrand Equilibria," (joint with Kunal Sengupta), 2003, Forthcoming *Economic Theory*. (Springer Verlag).

Bharat H. Desai

- "Mapping the future of International Environmental Governance", *Yearbook of International Environmental Law*, vol. 12, 2002 (Oxford University Press).
- "*Towards WSSD: Future of International Environmental Governance*", *ESCP Report 2002*, Woodrow Wilson International Center for Scholars, Washington D.C., USA.

Gurbachan Singh

- "Privatization of Public Sector Banks, *Economic and Political Weekly*," vol. XXXVII, No. 32, August 10-16, 2002.

V.K.H. Jambholkar

- Article published in the seminar proceedings of the International Conference organized by Indian Society of International law, on *International Terrorism* with Prof. P.K. Pant.

Centre for East Asian Studies

Lalima Varma

- "Japan-China Relations: Implications for India," in K.V. Kesavan (Edt.), *Building A Global Partnership: Fifty Years of Indo-Japanese Relations* (Lancer's Book, 2002)

H.S. Prabhakar

- "Australia, Newzealand and Pacific Islands, *Encyclopaedia of History*", Kannada University, Hampi, (Karnataka) August, 2002.
- "The Japanese State and Welfare: Assessment of Development and Challenges," *Journal of Japanese Studies*, BHU(Varanasi) Jan.-June, 2003.

Centre for International Politics, Organization and Disarmament

C.S.R Murthy

- "US and the Third World: An Ambivalent Relationship" *International Studies* (New Delhi), vol.40, no.1, January- March 2003.

Swaran Singh

- "The China Connection" in Seminar (Special Issue on Securing South Asia) (New Delhi), September 2002
- "China's Continued Caution...", *World Focus* (New Delhi), Vol.23 Nos.7 & 8, July-August 2002.

- "Kashmir Card" as part of their series on 'Remembering War: The 1962 India-China Conflict' during October 2002.
- "Hu Jintao's Enduring Contacts with Tibet" at Institute of Peace and Conflict Studies (New Delhi).
- "China's Kashmir Policy", in *World Focus* (Annual Number on Jammu & Kashmir) (New Delhi), Oct Nov-Dec., 2002.
- "Russia-China-India: A Strategic Triangle?", *World Focus* (New Delhi) Vol.24 No.1 (January 2003)

Centre for Russian, Central Asian and East European Studies

Ajay Kumar Patnaik

- "Russia-US Relations since September 11", *World Focus*, Vol. 23, nos. 7-8, July-August 2002.
- "Central Asia in Global Setting", *World Focus*, Vol. 23, no. 6, June 2002.
- "National Minorities in Central Asia", *Dialogue*, Vol.3, no.4, April-June 2002.

Anuradha Chenoy

- "Globalisation and International Security", *Asian Exchange* (Hongkong) Vol.17, No.2, 2001/ Vol.18. No.1, 2002.
- "Militarization and the South Asia Nuclear Crisis", *Asian Exchange* (Hongkong) Vol.17, No.2, 2001/ Vol.18. No.1, 2002.

Archana Srivastava

- "Dynamics of Central Asian - Russian Geopolitical Relations", **India Quarterly**, vol. 39, June December, no. 3 & 4, 2002.

Gulshan Sachdeva

- "Rejuvenating India-Russia Trade & Economic Linkages" *World Focus*, No. 277, January 2003.
- (co-authored with Charan Wadhva) " Indian Perspectives on East Asia" available at Asia Pacific Foundation of Canada.
- "North-Eastern Economy: Present Realities and Future Possibilities, Contemporary India," Vol. I, No. 4, 2002.

Nirmala Joshi

- "Central Asia and Recent Developments in Afghanistan", *Dialogue*, April-June 2002.

Phool Badan

- "Resurgence of Islam in Central Asia", *Islam and the Modern Age*, vol. 33, no. 2, May 2002.
- "Energy Resources and Industries in Central Asia", *The Asian Journal*, vol. 9, no. 2, June 2002.

Shamsuddin

- "The Silk Route", *The Journal Central Asian Studies*, vol. 12, no. 1, 2002.

Shashikant Jha & Bhaswati Sarkar

- "Hungarian Minorities: Issues and Concerns", *International Studies*, vol. 39, No. 2, 2002.

Centre for West Asian & African Studies

Gulshan Dietl

- "West Asian Relations", *IIC Diary* (New Delhi), 16(3), May-June 2002.
- "Stability in the Gulf: Implications for Energy Security", *Pacific and Asian Journal Energy* (New Delhi), vol.12, no.1, June 2002.

A.K. Dubey

- "Indian Diasporas in Francophone Africa" *Africa Quarterly*, Vol.43 No.1, pp 86-91

Centre for International Politics, Organization and Disarmament

Swaran Singh

- Submitted Interim Report on Project on "China-India: Mutual Confidence Building" for Centre de Sciences Humaines, New Delhi. Final Report on this project is to be submitted by end August 2003.

Centre for Russian, Central Asian and East European Studies

Nirmala Joshi

- "Central Asia's Security Concerns: Implication for India" supported by the Ministry of External Affairs, Government of India.

Sanjay Kumar Pandey

- "Asymmetrical Federalism in India: A Comparative Perspective" sponsored by University Grants Commission.

Phool Badan

- "Resurgence of Islam in Central Asia" supported by the Indian Council for Social Sciences Research.

Centre for South Central Southeast Asian & Southwest Pacific Studies

I.N. Mukherji

- "Indo-Sri Lanka Free Trade agreement Assessing Potential and Impact", Sponsored by Indian Council for Research in International Economic Relations, New Delhi.

RESEARCH PROJECT ON-GOING (UN-SPONSORED)

Centre For American & West European Studies

Rajendra K. Jain

- "Indo-German Relations"

Abdul Nafey

- 'Ethnicity and Politics in the Caribbean' has since been completed and efforts are on to get it published.
- "Indo-British Relations".

B. Vivekanandan

- "International Perspectives of Willy Brandt, Bruno Kreisky and Ol of Palme".
- "Changing Transatlantic Relations in the Post-Cold War World".

R.L. Chawla

- Economic Crisis in Latin America: Case Studies of Argentine, Brazil and Mexico.

Centre for Studies in Diplomacy, International Law Economics

Pushpesh Pant

- Conflict and Cooperation in Shared Ecosystems. Diplomacy of the Deprived.

Amit S. Ray

- The Changing Profile of the Indian Drug Industry under a New Global Order: Implications for India's Health Care.

Prabal Roy Chowdhury

- Repeated Moral Hazard and Convertible Debt (joint with Sudipto Dasgupta of the Hongkong University of Science and Technology and Kunal Sengupta of the University of Sydney).
- Resetting of Executive Compensation (joint with Sudipto Dasgupta and Ravi Jagannathan of the Hongkong University of Science and Technology).

- Asymmetric Time Preferences and Joint Venture Breakdown (joint with Tarun Kabiraj of the Indian Statistical Institute).
- Quality and Price Competition: The Role of Discrete Consumer Types (joint with Rajat Acharya of Jadavpur University).
- Group Lending with Sequential and Partial Financing.

Gurbachan Singh

- Financial Intermediation and Employment (with Manoj Pant and Prabal Ray Chowdhury).
- Liquidity and Lemon Problem; and
- Real Credit Creation by the Banking System.

V.K.H. Jambholkar

- Indian diplomacy: A collection of archival material.
- India and United States: A Partnership for Peace
- India's foreign policy/Diplomacy: Vajpayee Era.

Centre for International Politics, Organization and Disarmament

Swaran Singh

- Completed a manuscript on "China-South Asia: Issues, Equations and Policies" and submitted to the publishers for publication.

FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

Centre For American & West European Studies

B. Vivekanandan

- "India's Ongoing Socio-Economic Transformation" at the Institute for Labour Research, Helsinki, Finland, in May 2002.
- "Social and Political Situation in India", at Jean Jaures foundation, Paris, in June 2002.

Rajendra K. Jain

- Paper on "The European Union and SAARC: Is the European Union or ASEAN a Model for SAARC?", 17th Modern South Asian Studies Conference, Heidelberg, 6-7 September 2002.
- ECSA-World Presidents Meeting, 4 December 2002.
- Sixth ECSA-World Conference on "Peace and Stability: Role of the EU in the International Scene," 5-6 December 2002.

Chintamani Mahapatra

- Australia-to participate in the Second Indo-Australian Security Roundtable, May 2002.

Centre for Studies in Diplomacy, International Law & Economics

B.S. Chimni

- Presented a paper entitled "International Organizations Today: An Old Fashioned View from the "Third World" to a Conference on International Legal Order organized by the International Institute for Peace in Vienna, Austria held in November, 2002.
- Presented a paper entitle "Development and Migration" at a Conference on International Migration at Geneva, Switzerland organized by the Graduate School of International Studies and International Organization of Migration in May, 2002.

Yogesh Tyagi

- Lectures on Human Rights to the students of the UGA Law School, Athens, GA, USA, Feb-March, 2003.

- Lecture on the International Legal approaches for Confronting International Terrorism, organized under the auspices of the Dean Rusk Center, UGA, Athens, GA, USA, March 2003.

Amit S. Ray

- International Conference on "Asian Economic Cooperation in the New Millennium: China's Economic Presence", at Peking University (School of Economics), Beijing, (May, 2002). Paper Presentation: FDI in Chinese and Indian Economic Development: A Comparative Analysis.
- International Workshop on "Partnership to meet Development Challenges in South Asia" at Kathmandu, Nepal. (May 2002) Presentation: The Emerging International Economic Order: A Third World Perspective.

Centre for International Politics, Organization and Disarmament

Varun Sahni

- Presented a paper on "What Perspectives from India and Pakistan on how to Advance Peace?" at the Wilton Park Conference SO 3/1 on "India-Pakistan Relations: Re-shaping the Agenda?" organized by the U.K. Foreign and Commonwealth Office at Wilton Park, West Sussex, U.K., 27 February 2003.
- Presented a paper on "Regional Implications of September 11 Developments", South Asian Strategic Conference on "Post 9/11 Developments: Implications for South Asia", organized by the Regional Centre for Strategic Studies, Colombo, and the Konrad Adenauer Foundation, at Nagarkot, Nepal, 17 June 2002.
- Participant, Seminar on "India-Pakistan Military Confrontation", Australian Strategic Policy Institute, Canberra, Australia, 29 May 2002.
- Participant, Roundtable on "India-Pakistan Military Confrontation", Australian National University, Canberra, Australia, 29 May 2002.
- Presented a paper on "Nuclear Issues-India" at the Australia-India Security Roundtable 2002 organized by the Australian Strategic Policy Institute and the Australia-India Council, Sydney, Australia, 27 May 2002.
- Presented a paper on "Defence and Security Planning-India" at the Australia-India Security Roundtable 2002 organized by the Australian Strategic Policy Institute and the Australia-India Council, Sydney, Australia, 28 May 2002.
- Participant, Roundtable on "Indian Perception of Global Security" at the Friedrich Ebert Stiftung, Berlin, Germany, 9 April 2002.
- Participant, Roundtable on "South Asia" at the Center for Development Research (ZEF), Bonn, Germany, 10 April 2002.
- Participant, Roundtable on "South Asia after September 11th" at the Friedrich Ebert Stiftung, Bonn, Germany, 11 April 2002.
- Participant, Security Roundtable at the Armed Forces Leadership Academy (Führungsakademie der Bundeswehr), Hamburg, Germany, 12 April 2002.
- Participant, Roundtable on "South Asian Security" at Institute for Peace Research and Security Policy, Hamburg University, Hamburg, Germany, 12 April 2002.

Swaran Singh

- Problems and Prospects", at a conference at Kunming, (Yunnan Province, China) organised jointly by Maulana Abul Kalam Azad Institute of Asian Studies (Calcutta) and Institute of South Asian Studies (Kunming) on 21st June 2002.
- Presented a paper on "US Global War on Terrorism and its impact on India-China Ties", at SIIS India China Directors' Roundtable on 'India in 21st Century' organized by Shanghai Institute of International Studies (SIIS) at Shanghai during 24-25 June 2002.
- Presented a paper on "China-India Economic Cooperation" at CAS Directors' Roundtable on 'China India Relations' held at Center for Asian Studies (Hong Kong University) at Hong Kong during 27-28 June 2002.

- Presented a paper on "The Politics of Sanctions Regimes: Experiences from Asia", at South African Institute of International Affairs (Johannesburg) Workshop on 'New Tools for Reform and Stability? Sanctions, Conditionalities and Conflict Resolution' held at Jan Smuts House, Witswatersrand University, Johannesburg, 13 March 2003.

Centre for Russian, Central Asian and East European Studies

Anuradha Chenoy

- Asian Peace Alliance, Philippines, August 29-September 1, 2002, paper on : "The Forms and Functions of Violence", published in Proceedings of Seminar.

Centre for South Central Southeast Asian & Southwest Pacific Studies

I.N. Mukherji

- Presented draft Report on "Indo-Sri Lanka Free Trade Agreement: Assessing Potential and Impact" at Institute for Policy Studies, Sri Lanka, 9 July 2002.
- Presented Draft Report on Project "Indo-Sri Lanka Free Trade Agreement Assessing Potential and Impact" with Tilani Jayawerdena at SANEI Conference, Dhaka, 28-29 August, 2002.
- Presented a Background Paper on "The Bangkok Agreement Negative List Approach to Trade Liberalization in Asia and Pacific" at the 19th Session of Standing Committee on Bangkok Agreement convened by ESCAP, Bangkok on 20 March 2003.
- Spoke on 'South Asian Preferential Trading Arrangement' at Conference on SAARC Economic Cooperation Organized by SAARC Chamber of Commerce & Industry, Kolkata, 28 March, 2003.

K. Warikoo

- Presented a paper "India's Gateway to Central Asia" in the UNESCO International Symposium on the Silk Roads, 2002 at Xian, China from 18 to 21 November 2002.
- Participated in the 54th Session of Sub-Commission on Human Rights, Geneva 5 to 14 August 2002.

Centre for West Asian & African Studies

A.K. Dubey

- Participated as chairman of a session on "Identity and Responsibility of Indian Diaspora" in International Conference on ' The Indian Diaspora in New Millennium: Rebuilding the Community' from 1 and 2 June 2002 at Kuala Lumpur jointly organized by Educational and Research Foundation, Malaysian Associated Chambers of Commerce and Industry and other Academic bodies.
- Gave lectures at University Putra Malaya at Kuala Lumpur (on 3 and 4 June 2002) on "Clash and Dialogue of Civilization and Rise of Indian Diaspora" and on the "Recent Policy of Government of India towards Indian Diaspora".
- Lectured on " The New Policy Initiatives of India towards People of Indian Origin" on 5 June 2002 at Singapore Indian Development Association (SINDA).

A.K. Pasha

- Presented paper "India and the GCC: Trade, Diplomacy and Future Relations" in a Conference at Al Ain, organized by the Dept. of Political Science, UAE University, October 8-10, 2002.
- Presented paper "Iraq Crisis and its consequences on Persian Gulf Security", at the 13th International Conference on the Persian Gulf: "The Persian Gulf in the Light of Global Changes and Regional Developments", Tehran, Iran, March 4-5, 2003 organized by the Institute for Political and International Studies, Tehran, Iran.

- Visited Manama, Bahrain University's Centre for International Studies and met Dr. M.N. Galal, Deputy Director and Ms. Rana Isa Daij al Khalifa and addressed the faculty members on 14 October 2002; and Election Commission members during elections for the National Assembly.
- Visited Doha, Qatar and met with faculty members of the History Department in Qatar University on 16 October 2002.
- Visited Addis Ababa (Ethiopia)(19 to 22 December 2002)

S.N. Malakar

- Participated in a Conference organized by the Institute of Organization for Social Sciences Research I in Eastern and Southern Africa (OSSREA) Khartoum (Sudan) from 15-19 December 2002 on "Reconceptualising Democracy Towards the Resolution of Social Conflict in Sub-Saharan Africa".

Anwar Alam

- Visited United States of America under International Visitor Programme entitled 'Islamic Scholarship in USA', sponsored by U.S. Embassy in India on behalf of U.S. government, 22 April to 8h May 2002.
- Attended and presented a paper entitled "Legacy of Islamic Culture in Spain" Summer School on 'Islam in the West' at Universitat Erfurt, Erfurt, Germany, 4 - 17.Aug., 2002

FACULTY PARTICIPATION IN CONFERENCES IN INDIA

Centre For American & West European Studies

Abdul Nafey

- Presented a Paper on "Australian Security Perception and Policy" at the "Australia-India Relations: Emerging Trends", India Habitat Centre, Organised by Australia-India Council and IGNOU, 25 November 2002. The paper is under publication.

Christopher S. Raj

- 3 January 2003: gave Keynote address: "American War on Terrorism" at the South Indian American Studies Network Annual Session at Tirupathi, Andhara Pradesh.
- 20 January 2003: Chair the Seminar on "Canada and Civil Society" organized by the Third World Studies, Jamia Millia University, New Delhi.

R.L. Chawla

- Presented a paper titled "Canada and Asia Pacific at Canada's Global Engagements in the 21st Century, 10 May 2002, New Delhi.
- Presented a paper titled "India and EU: From GATT to GATS at an International seminar, India, the EU and WTO, 16-17 October 2002, New Delhi.

Chintamani Mahapatra

- Presented a paper on "Terrorism in West Asia: American Strategy " in a National Seminar on "Terrorism in West Asia: Past, Present and Future", organized by the Centre for West Asian Studies, SIS, 2-3 September 2002.
- Participated in IPCS Conference on "Biological Weapons: Terrorism, Conflicting Political and Economic Interests", India Habitat Center, 9 October 2002.
- Participated in "Indo-German Dialogue" organised by IDSA and Konrad Adeneur Foundation, IIC, New Delhi, 21-22 October 2002.
- Presented a Paper at the "Australia-India Relations: Emerging Trends", India Habitat Centre, Organised by Australia-India Council and IGNOU, 25 November 2002.

Centre for Studies in Diplomacy, International Law Economics

Alokesh Barua

- Presented a paper on "Rural development in Assam" in a UGC sponsored seminar at Tihu College, Assam.
- Presented a paper (in collaboration with Professor Manmohan Agarwal) on "Liberalization and Export Performance of Indian Firms: A theoretical and Empirical Analysis" in a seminar organized by the Centre de Science Humaines at India International Centre, New Delhi.

B.S. Chimni

- Participated in the National Dialogue organized by the ILO World Commission on the Social Dimensions of Globalization on 11 December, 2002 in New Delhi.
- Participated as a resource person in Workshop on Strategic Choices for Tertiary Education Reform organized by the World Bank and the Government of Karnataka at WIPRO Training Centre Bangalore from March 3-7, 2003.

Amit S. Ray

- National Seminar on "development of Indian Economy: The Post Reforms Scenario" at Punjab University, Chandigarh. (August 2002). Paper presentation: Facing the Challenges of Globalisation: The Indian Pharmaceutical Industry at Crossroads.

Prabal Roy Chowdhury

- The International Game Theory Conference held in the Tajmahal Hotel, Mumbai in January, 2003 jointly organised by IIT Delhi and IBM India. This conference was attended, among other luminaries, by Nobel laureates John Nash and Amartya Sen.

Gurbachan Singh

- Seminar on 25 March 2003 at Delhi School of Economics on 'Financial Intermediation and Employment' (co-authored with Manoj Pant and Prabal Roy Chowdhury)
- Seminar on 'financial Intermediation and Employment' 18 Feb., 2003 at Centre for Economic Studies and Planning, School of Social Sciences, Jawaharlal Nehru University.

V.K.H. Jambholkar

- Participated in national and ongoing seminar in the Indian Society of International Law and Indian Council of World Affairs, New Delhi.

Centre for East Asian Studies

Lalima Varma

- Title of the Paper: "Managing Relations with Neighbors: Japan-China Relations: Lessons for South Asia". Presented at the International Seminar, "India-East Asia Relations: Learning from Each Other.

H.S. Prabhakar

- Socio-Economic aspects of Globalization: Trends in Japan and India, Lal Bhahadur Shastri College, Sagar, 22 June 2002
- Resurgence of East Asian Regionalism and Australia, IGNOU-Australian High Commission, New Delhi, 25 November 2002.

D.Varaprasad Sekhar

- "Some Recent Trends of China's Economy with Reference to India" by Prof. Gilbert Etienne on 21 November 2002 in JNU.
- "Agriculture: The Forgotten Sister in Asia" by Prof. Gilbert Etienne on 22 November 2002 in JNU.
- "US, China and Asian Security" by Prof. Richard Baum on 17 January 2003 in JNU.

- "Asian Security and China 2000-2010" organized by IDSA at India Habitat Centre from 27 to 29 January 2003.
- "India and East Asia: Learning from each other" on 27 - 28 March 2003 in University of Delhi.

Centre for International Politics, Organization and Disarmament

Varun Sahni

- Presented a paper on "Between Cause and Consequence: Deliberate Confusions in the Definition of Global Terrorism", at a National Seminar on "Challenges of Global Terrorism: Emerging Issues, Policies/Strategies and Options" organized by the Department of Political Science, University of Jammu, 14 March 2003.
- Presentation on "Contemporary Trends in Diplomacy", at a Roundtable on "The Changing Contours of Diplomacy" organized by Women in Security, Conflict Management and Peace (WISCOMP), New Delhi, 29 November 2002.
- Participant, Third Indo-German Dialogue organized by the Institute for Defence Studies and Analyses and Konrad Adenauer Foundation, New Delhi, 22-23 October 2002.
- Presented a paper on "Brazil, India and South Africa: The Role of Large States in their Regions", at a Workshop on "Alternative Economic, Political and Security Architectures in South Asia", organized by the University of Pennsylvania Institute for the Advanced Study of India, New Delhi, 28 July 2002.
- External Discussant, "Understanding the Globalization Impact", Weekly Fellows Seminar of the Institute for Defence Studies and Analyses, New Delhi, 27 April 2002.
- Discussant, "Nuclear Doctrine in Southern Asia", international conference on "Nuclear Stability in Southern Asia", organized by the Institute of Peace and Conflict Studies and the Konrad Adenauer Foundation, New Delhi, 18-19 April 2002.

Swaran Singh

- Presented a paper on "China connection of India's Kashmir Problem", at National Seminar on 'Kashmir Imbroglio: A Quest for an Equitable Solution' organized by Association of Peoples of Asia at India International Centre, New Delhi on September 14, 2002.
- Presented a paper on "Retrospectives on 1962: India-China war and India's U-turn on Kashmir" at 6th Conference of India Congress of Asia-Pacific Studies held at Banaras Hindu University, Varanasi, (Uttar Pradesh, India), during October 23-26, 2002.

Centre for Russian, Central Asian and East European Studies

Amitabh Singh

- "Ethno- territorial Conflicts in the CIS: The Case of Nagorno-Karabakh" in National Seminar, CIS: Politics and Economics in the Era of Globalisation organised by CRCAEES, School of International Studies, JNU, on 27-28 March 2003.

Archana Srivastava

- "Aral Sea: Soviet Legacy of Environmental Destruction in Central Asia", National Seminar on "Central Asia: Past and Present" organized by Center for Central Asian Studies, Kashmir University, Srinagar, India from 17-19 March 2003.
- "Environmental Problems and Laws in Central Asia" in National Seminar on "CIS: Politics and Economics in the Era of Globalisation" organised by CRCAEES, School of International Studies, JNU, on 27-28 March 2003.

Bhaswati Sarkar

- Participated in the Centre seminar on, "The Politics of Terror: Prognosis for Russia and CIS" on 11 September 2002.

- Presented a paper on "CIS What Ails it?", in a National Seminar organized by the Centre for Russian, Central Asian and East European Studies, SIS, JNU on " CIS : Politics and Economics in the Era of Globalisation", 27-28 March 2003.

Gulshan Sachdeva

- presented a paper : Euro Implications for Developing Countries" at an international seminar " Euro & India; Implications for Indian Business" organised by CII, Indo-German Export Promotion, Konrad Adenauer Foundation, and CPR on 16 April 2002.
- Presented a paper " Rejuvenating Assam Economy" at a national seminar on Assam: Blueprint for Development organised by Policy Alternatives for Northeast and Conflict Elimination Awareness (PANA CEA) on 18 May 2002 at Guwahati.
- Participated in an Interactive Session India-Croatia Business Opportunities with Mr Stjepan Mesic, President of the Republic of Croatia, on 13 November 2002, Organised by FICCI and CII.
- Presented a paper "IORARC at Crossroads" at the Inaugural Conference of the Indian Ocean Research Group "The Indian Ocean in a Globalising World: Critical Perspectives on the 21st Century" at ICSSR Complex Punjab University, Chandigarh, 18-22 November 2002.
- Participated in the seminar on "Growth through Partnership: Doing Business with Central and Eastern Europe, on 11 December 2002, organised by FICCI.
- Presented a paper "North Eastern Economy: past Policies, Present Realities and Future possibilities" at the national Seminar "North-East: Challenges & Responses" organised by Nehru Memorial Museum & Library on 19-21 December 2003, at Teen Murti House New Delhi
- Presented a paper "Indian Perspectives on East Asia" at Canada India Dialogue on East Asia and Regional Cooperation, Organised by Asia Pacific Foundation of Canada and Centre for Policy Research New Delhi on 14 February 2003 at Delhi.
- Presented a paper " Developing a New Economic Strategy for the North-East" at the Seminar "Human Resource Development in the North-East Region in the Era of Globalisation" Organised by Institute of Manpower Research on at India Habitat Centre, New Delhi, 4-5 March 2003.
- Presented a paper on "Indo-Russian Trade & Economic Relations" at the seminar on Indo-Russian Strategic Partnership organized by National Federation of Alumni Association of Soviet\ Russian Academic Institutions , Cultural Department of the Embassy of the Russian Federation and Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata on November, 21, 2002.

Nirmala Joshi

- "India, Russia and China: Trilateral Co-operation" at a seminar organized by International Institute for Asia- Pacific Study, New Delhi, 28th February - 1 March 2003.
- "India and Central Asia", at a national seminar on "Central Asia: Past and Present", on 17 - 19 March 2003. Organised by Centre of Central Asian Studies, University of Kashmir, Srinagar.
- "Transcaucasus and Regional Politics", at a national seminar on "CIS: Politics and Economics in the Era of Globalisation", 27-28 March 2003, Centre for Russian, Central Asian and East European Studies, SIS, JNU, New Delhi.

Sanjay Kumar Pandey

- Presented a paper on "Russia and CIS ", in a National Seminar organized by the Centre for Russian, Central Asian and East European Studies, SIS, JNU on CIS : Politics and Economics in the Era of Globalisation, 27-28 March 2003.
- Presented a paper on "India and Russia: Beyond Strategic Partnership" at the seminar on Indo-Russian Strategic Partnership organized by National Federation of Alumni Association of Soviet\ Russian Academic Institutions , Cultural Department of the Embassy of the Russian Federation and Maulana Abul Kalam Azad Institute of Asian Studies, Kolkata on November, 21, 2002.

- Presented paper on "Understanding Naga Insurgency" at a seminar on Role of Bangladesh in Insurgency in the North-East organized by SPANDAN on January, 29-30, 2003.

Shashikant Jha

- National Seminar on "Central Asia: Past and Present", on 17 - 19 March 2003. Organised by Centre of Central Asian Studies, University of Kashmir, Srinagar. Presentation on "The Problems of Stability in Central Asia and Russia's Security Concerns",
- Organised National Seminar on "CIS: Politics and Economics in the Era of Globalisation", 27-28 March 2003, Centre for Russian, Central Asian and East European Studies, SIS, JNU, New Delhi.

Tahir Asghar

- "Central Asia: A Decade of Economic Transition" in National Seminar "CIS: Politics and Economics in the Era of Globalisation" organised by CRCAEES, School of International Studies, JNU, held on 27-28 March 2003.

Usha K. B

- "Globalisation, Economic Transition and Women in Transcaucasia," in National Seminar on "CIS: Politics and Economics in the Era of Globalisation" organised by CRCAEES, School of International Studies, JNU, held on 27-28 March 2003.

Centre for South Central Southeast Asian & Southwest Pacific Studies

I.N. Mukherji,

- Spoke on "Financial Security" at a Regional Workshop on Human Development and Human Security in South Asia: Elements of a Possible Regional Strategy", India International Centre, April 8 2002.

K. Warikoo

- Participated in Seminar After Loya Tirga: Whither Afghanistan? organised by Indian Council of World Affairs, New Delhi on 24 July 2002.
- Presented a paper "Religious Extremism and Terrorism in Kashmir", at the International Seminar on International Terrorism and Religious Extremism: Challenges to South and Central Asia, organised by Maulana Azad Institute of Asian Studies, at Delhi 31 January -1 February 2003.
- Participated in the IDSA Seminar on "Chinese Nationalism and Uighur Movement" at IDSA on 8 March 2003.

Centre for West Asian & African Studies

Gulshan Dietl

- Presented a paper on "India and West Asia: The Energy Context" at the Dr. V. S. Ram Memorial Seminar on "India's Foreign Policy in the Post-Cold War Period" at the University of Lucknow, 28-29 August 2002.
- Gave two lectures at the UGC Refreshers' Course, Academic Staff College, University of Hyderabad, 16 July 2002.
- Gave a lecture on "Challenges of Globalization in West Asia" at the Department of Political Science, University of Hyderabad, 17 July 2002.

A.K. Pasha

- Presented paper on "Gulf States and Central Asia: Mutual Security Perceptions" at Centre of Central Asian Studies, The University of Kashmir, Srinagar, J&K. 17-19 March 2003.
- Presented report on "25 years of Gulf Studies: at SIS, JNU", at the UGC Area Studies Directors Conference at Hyderabad 28-29 November 2002, organized by the Centre for Indian Ocean Studies, Osmania University, Hyderabad, A.P.

S.N. Malakar

- Delivered five Lectures for Refresher course in Political Science on Emerging Tendencies in International Politics and Relations - organized by the Department of P.G. Studies and Research in Political Science, September 13-14, 2002. Academic Staff College, Rani Durgawati Vishwa Vidyalya, Jabalpur, M.P.
 - i) Ethnicity and Nationalism and its relation with International security - 2 lectures.
 - ii) Globalization and its relation with International security - 3 lectures

P.C. Jain

- Participated in a Symposium organized by GOPIO International PIOs and India, Azad Bhawan, ICCR, New Delhi, 12 January.

Anwar Alam

- Paper entitled "Roots of Nehruvian Secularism", presented in a national seminar on Jawaharlal Nehru and Modern India, organized by Centre for Nehru Studies, Aligarh Muslim University, Aligarh, 16-17 December, 2002.

T. Sreedhar Rao

- Terrorism and Violence: Indo-Pak Relations, 12 March 2003 BSF Academy, Tekanput, Gwalior.

FACULTY LECTURES OUTSIDE JNU**Centre For American & West European Studies****Rajendra K. Jain,**

- "The Political Economy of Indian Economic Reforms," Lecture at the Italian Institute of International Affairs, Rome, Italy, 13 May 2002.
- "The European Union and SAARC: Is the EU a Model for South Asia," Lecture at the Institute for Political Science, Tuebingen University, Germany, June 2002.

Chintamani Mahapatra

- Lecture on "American Global Role in the 21st Century," Academic Staff College, Jamia Millia Islamia, 20 December 2002.
- Lecture on "Changing US Policy Towards India," Academic Staff College, Jamia Millia Islamia, 20 December 2002.
- Lecture at Naval Higher Command Training Course, College of Naval Warfare, Mumbai, "Indo-US Relations," 9 December 2002.
- Lecture at College of Combat's Army Higher Command Training Course on "Indo-US Relations", 31 August 2002.
- Lecture to IES Probationers on "Economic Diplomacy" at Society for International Law and Diplomacy, August 2002.
- "US Role in World Politics," UGC Refresher Course in Advanced International Relations, Indo American Center for International Studies, Hyderabad, 16 October 2002.
- "Indo-US Relations," UGC Refresher Course in Advanced International Relations, Indo-American Center for International Studies, Hyderabad, 16 October 2002.
- "Global terrorism: Combating the Elusive Enemy," UGC Refresher Course in Advanced International Relations, Indo-American Center for International Studies, Hyderabad, 17 October 2002.

R.L. Chawla

- Delivered a lecture on "India's Tenth Five Year Plan" at University of Delhi PGDAV college in February 2003.
- A lecture on "Planning and India's Tenth Plan", at Bharati College (University of Delhi) in March 2003.

Centre for Studies in Diplomacy, International Law Economics

Pushpesh Pant

- Academic Staff College, Devi Durgawati University, Jabalpur
- Department of Sociology, Lucknow University

B. S. Chimni

- On "International Law: Contemporary Aspects" to the 32nd Professional Course for Foreign Diplomats, at the Foreign Services Institute, Ministry of External Affairs on January 31, 2003.
- On "International Law" and "Humanitarian Intervention" to Indian Foreign Service trainees at the Foreign Services Institute, Ministry of External Affairs on January 13, 2003
- On "WTO and Globalization" and "Refugees in International Law" at the Academic Staff College, Jamia Millia Islamia, New Delhi on 23 December, 2002.
- On "Nature and Development of International Law" at the Foreign Services Institute, Ministry of External Affairs, to the 31st Professional Course for Foreign Diplomats on 20 November, 2002.
- On "Protection of Women under International Humanitarian Law" at a Conference on The Protection of Women in Situations of War and Armed Conflict and Violence organized by the JNU and ICRC at India International Centre, New Delhi on 1 October, 2002
- On "Marxist Theory of International Law and Relations" at Academic Staff College, Jawaharlal Nehru University in the 5th refresher Course on International Relations on 11 September, 2002.
- On "International Law and Relations" at the Foreign Service Institute, Ministry of External Affairs, to IFS probationers in May, 2002.

Yogesh Tyagi

- Lectures on Human Rights to the students of the UGA Law School, Athens, GA, USA, Feb-March, 2003.
- Lecture on the International Legal Approaches for Confronting International Terrorism, organized under the auspices of the Dean Rusk Center, UGA, Athens, GA, USA, March, 2003.

Bharat H. Desai

- School of Law, Duke University, Durham, USA, April, 2002.
- Legal Department, The World Bank, Washington D.C., U.S.A, April, 2002.
- Faculty of Law, University of Hong Kong, Hong Kong, February 2003.
- Faculty of Law, University of Tokyo, Japan, February 2003.
- National Law University of India, Bangalore, India, December 2002.
- National Law University of India, Bangalore, India, March 2003

Centre for International Politics, Organization and Disarmament

Varun Sahni

- Delivered a lecture on "Contemporary Theories in International Relations" in the Refresher Course in Political Science, Centre for Professional Development in Higher Education, University of Delhi, 28 March 2003.
- Delivered a lecture on "International Relations Theory" at the Institute of Peace and Conflict Studies, New Delhi, 21 March 2003.
- Delivered a lecture on "Research Method" at the Institute of Peace and Conflict Studies, New Delhi, 22 January 2003.
- Delivered a talk on "Terrorism, Nuclear Weapons and Military Confrontation between India and Pakistan" at the Department of Political Science, University of Western Australia, Perth (Crawley), 31 May 2002.

- Delivered a talk on "The Implications of the War on Terrorism on South Asian Security" at the School of Australian and International Studies, Deakin University, Melbourne (Burwood Campus), 30 May 2002.
- Delivered a talk on "Management of Disturbed Areas" at the 91st Induction Training Programme of India Administrative Service Officers, Lal Bahadur Shastri National Academy of Administration, Mussoorie, India, 22 November 2002.
- Delivered a talk on "Perceptions of the Asia-Pacific Security Outlook", Centre for Defence and Strategic Studies, Australian Defence College, Canberra, Australia, 29 May 2002.
- Delivered five lectures on "Theories of International Relations", "Regional Powers and Security" and "New Challenges for Diplomacy: Politico-Strategic Issues" to the 32nd Professional Course for Foreign Diplomats, Foreign Service Institute, New Delhi, 21, 27, 28 January 2003, 17 February 2003.
- Delivered nine lectures on "Theories of International Relations", "Great Powers in World Politics", "Regional Powers and Security", "The Americas", "India-Latin America" and "India, Pakistan and the Working of Deterrence" to Officer Trainees of the Indian Foreign Service, 2002 Batch, Foreign Service Institute, New Delhi, 13-24 January 2003, 10 February 2003.
- Delivered five lectures on "Theories of International Relations" and "Regional Powers and Security" to the 31st Professional Course for Foreign Diplomats, Foreign Service Institute, New Delhi, 30-31 October 2002, 1 November 2002.
- Delivered eight lectures on "Theories of International Relations", "Great Powers in World Politics", "Regional Powers and Security", "The Americas" and "India-Latin America" to Officer Trainees of the Indian Foreign Service, 2001 Batch, Foreign Service Institute, New Delhi, 2-10 September 2002.

Swaran Singh

- Delivered a lecture on "China-India-Pakistan: Strategic Equations" at Institute Regional d'Administration de Lyon, Lyon, France on May 15, 2002.
- Delivered a talk on "China-India: Prospects for Resolving Border Problems", at Institute de Relations International et Strategies, Paris, France, on May 16, 2002.
- Delivered a talk on "China-India Relations: Future Prospects", at Centre de'Etudes et de Recherches Internationales, Paris, France on May 16, 2002.
- Delivered a lecture on "China-India Rapprochement - New Initiatives", at Asie-21 Futuribles Internationals, Paris, France on May 17, 2002.
- Delivered a talk on "China-India: Mutual Impressions" at Indira Gandhi National Center for Art (IGNCA), New Delhi on 23 August 2002.
- Delivered a lecture on "China-India Strategic Equations" at Defence Services Staff College (DSSC), Wellington, Nilgiris, Tamil Nadu, India on 27 August 2002.
- Made an opening presentation on "China as an emerging power and its role in a multi-polar world with special reference to South Asia" at one-day brainstorming meet on debating China held at Army Headquarters (Perspective Planning), Sena Bhawan, New Delhi on October 30, 2002.
- Made a presentation on "Chinese perspectives on Tibet" in a Panel Discussion on 'Changing Face of Tibet' organized by Tibet Study Group at India International Centre, New Delhi, on November 9, 2002.

Centre for Russian, Central Asian and East European Studies

Amitabh Singh

- "Russia's Foreign Policy Towards the East European Nations, Department of Russian Studies", Choudhary Charan Singh University, Meerut, 27 February 2003.

Anuradha Chenoy

- Lecture on Central Asia, National Defence College, New Delhi, August 4, 2002.
- Two lectures on Russia and the World, Indian Foreign Service Training Institute, September October, 2002, New Delhi

Nirmala Joshi

- Lectured on Central Asia at the National Defence College, New Delhi, August 2002. Shamsuddin
- Lecture at ASC, Jamia Millia Islamia, New Delhi, December 17, 2002 "Afghanistan in the New Great Game".

Shashikant Jha

- "Constitutional Development and Institution-Building in Post-Soviet Russia". PGDAV College, Delhi University, 9 December 2002.
- "World Politics in the Aftermath of Disintegration of the USSR", Maharaja College, Veer Kunwar Singh University, Arrah, Bihar, 12 December 2002.
- "The Presidential System and Politics in Russia", Department of Political Science, Banaras Hindu University, Varanasi, 14 December 2002.
- "Russia's Security Concerns and Foreign Policy Behaviour in the Context of NATO Expansion and Terrorist Challenge After September 11, 2001", Refresher Course, Academic Staff College, Banaras Hindu University, Varanasi, 15 February 2003.
- "Political Process in Russia", Department of Russian Studies, Choudhary Charan Singh University, Meerut, 27 February 2003.

Centre for West Asian & African Studies

Gulshan Dietl

- Addressed the 42nd course at the National Defence Academy, New Delhi, on "Iran - An Assessment of Its Role in the Region and India-Iran Relations", 24 July 2002.
- Spoke at the Release of the IIC publication N.N.Vohra, ed., History, Culture and Society in India and West Asia (, New Delhi, Shipra Publications, 2003), 5 November 2002.
- Gave two lectures on "Regional Politics of West Asia" and "India and West Asia" at the Foreign Service Institute, New Delhi, 22 January 2003.
- Participated in an international conference on "Pluralism, Democracy and Conflict Resolution: The Search for Stability in South Asia after 9/11" organized by the Observer Research Foundation, New Delhi, 20-21 February 2003.
- Made a presentation at a seminar on "The War Against Iraq", organized by the Academy of Third World Studies, Jamia Millia Islamia, New Delhi, 25 March 2003.
- Was a penalist at the seminar on "Indo-Iran Relations: Retrospect and Prospect" at the Indian Council of World Affairs, New Delhi, 17 February 2003.
- Participated in the "Third India-Europe Dialogue" organized by the India International Centre, New Delhi, Centre for Human Sciences and Friedrich Ebert Stiftung, 25-26 February 2003.
- Made a presentation on "The Iranian View of the Developments in Afghanistan" at a seminar on the "Geo-Political and Socio-Economic Implications of USA's Involvement in Afghanistan" organized by the Academy of Third World Studies, Jamia Millia Islamia, New Delhi, 22 July 2002.

A.K. Dubey

- Delivered lecture to Indian Foreign Service Probationers on 'Developmental Issues in Africa' and 'India's Role in Africa' on 17 and 18 February 2003 at Foreign Service Institute, Akbar Bhavan , New Delhi.
- Addressed Foreign Diplomats Training Programme on " Africa: Indian Perspective" at Foreign Service Institute, Akbar Bhavan, New Delhi on 22 January 2003.
- Delivered lecture and participated in a panel discussion on Strategic Neighbourhood- India and South Africa at National Defence College, New Delhi on 14 August 2002.
- Delivered seminar lecture in Research Methodology workshop organized by African Studies Deptt. of

Delhi University on Identity Issues in African Diaspora on 17 September 2002.

- Delivered lectures in Refresher Courses at Jamia Millia Islamia on African Issues and International Relations (March, 2003).
- Participated as panel speaker in Education Sector on "Education as a means for strengthening Diaspora" on the occasion of Pravasi Bhartiya Diwas organized by Government of India from 9 to 11 January 2003 at Pragati Maidan, New Delhi.
- Participated in Seminar on "India and Africa: New Horizon" 13 and 14 June 2002 organised by the Indian Council of World Affairs, Sapru House, New Delhi and was a discussant in a session on "Diasporas in India Africa Relations"

A. K. Pasha

- Delivered four lectures at Academic Staff College, Jamia Millia Islamia, New Delhi on "India and West Asia" in July, August 2002 and February 2003.
- Made a presentation at Habitat India, New Delhi, on "The Peace Process: Arab Israeli Conflict", in 25 October 2002 in a panel discussion.
- Made presentation on "Conflict and Cooperation between India and Iran" in a Panel Discussion on Indo-Iranian Relations: Retrospect and Prospects, Indian Council of World Affairs, New Delhi 17 February 2003.
- Presented paper on "Regional Implications of US invasion of Iraq" at a national seminar on "American Attack on Iraq" at India International Centre, New Delhi organized by Institute of Objective Studies and Association of Indian Africanist, New Delhi. 21 March 2003.
- Made presentation at a Seminar on "The Future of Palestine", at a seminar organized by ICSSR and the Academy of Third World Studies, Jamia Millia Islamia, New Delhi, 25 March 2003.
- Made presentation on "GCC states and cooperation with Indian Ocean Rim Association for Regional Cooperation" IORARC at Ministry of External Affairs (Economic Relations) South Block, New Delhi on 27 February 2003.

S.N. Malakar

- Paper presented in the Seminar entitled "African Studies: Indian Perspectives" on 7 March 2003.
- Topic - Socio-Economic Dimensions of African Literature, Bharti College, University of Delhi.
- Paper presented on Emerging Paradigms of Social conflicts in Sub-Saharan Africa 16 Sept., 2002
- Research Methodology conference/workshop - September 9 to 19 , 2002.
- Dept.of African Studies, University of Delhi

Anwar Alam

- Paper entitled "Democratization of Indian Muslims: Some Reflections", in a national seminar on Hindutva and Minorities Organized by Equal Opportunity Trust at India International Centre, New Delhi, 14-15 February 2003.

T. Sreedhar Rao,

- The Islamic World : Future of Pakistan, 9 March 2003, IB Training School, New Delhi.

VISITORS TO THE SCHOOL

Centre For American & West European Studies

1. Delegation of Members from the Party of European Socialist (PES) Group in the European Parliament led by Group Resident Mr. Enrique Baron
2. Prof. Om Kamra, Vice President, Shastri Indo-Canadian Institute, New Delhi on 22 November 2002 for exploring further collaboration between the Canadian Studies Programme of SIS and the SICI.

3. HE, The High Commissioner of Canada on aspects of collaboration between the Canadian Studies Programme of SIS and some of the leading Canadian Studies programme in Canada.
4. Mr. Alan Bowker, Head of the Academic Relations Division, Department of Foreign Affairs and International Trade (DFAIT), Government of Canada visited the Canadian Studies Programme on 16 January 2003 for a meeting with the students and appraise himself with the courses and thrust areas for research outlined by the Canadian Studies Programme.
5. Mr. Fausto Godoy, Deputy Head, Embassy of Brazil in Tokyo visited the Latin American Studies on 7 January 2003 for a lecture on 'Brazil's Asia Policy'.
6. Mr. Woo Yuen Pau, Vice President, Research and Chief Economist, Asia Pacific Foundation of Canada, Vancouver, BC and Prof. Elliot L. Tepper, Department of Political Science, Carleton University visited the Canadian Studies Programme on 20 February 2003 for a meeting with the faculty and the students.
7. Prof. Elliott L. Tepper delivered on 'Multiculturalism in Canada' at the Canadian Studies Programme, SIS on 24 February 2003.

Centre for Studies in Diplomacy, International Law & Economic

1. A World Bank team visited the Economics Division of our Centre to make a presentation on Global Development Finance 2003.

Centre for East Asian Studies

1. Prof. Yoshiharu Tsuboi, Waseda University, Professor of Political Science.
2. Prof. S.T. Devare, Korean Studies. He was Visiting Professor in Korean Studies from January 17, 2002 for two semesters.

Centre for International Politics, Organization and Disarmament

1. Dr Manoj Kumar Joshi (Political Editor and Chief of Bureau, Times of India) was appointed as Visiting Professor in the Centre (CIPOD) for Monsoon Semester, 2002 and Winter Semester, 2003.
2. Dr. Benno Teschke (Department of Politics and International Relations, University of Wales, Swansea, U.K.) was appointed as Visiting Fellow for three months in the Centre (CIPOD)

Centre for East Asian Studies

1. Prof. Richard Baum, Prof. of Political Science, UCLA, USA Director of Institute of Strategic Studies and Director of Centre for Chinese Studies on "US, China and Asian Society"
2. Mr S.T. Devare, Visiting Professor of CEAS delivered lecture on ARF - Asia Pacific Security Scenario.

SEMINARS/CONFERENCES ORGANISED BY THE SCHOOL

Centre For American & West European Studies

Rajendra K. Jain

- Europe Forum Lecture on "India, Europe and Indo-Pak Relations: Challenges and Opportunities," by Mr J.N. Dixit, former Foreign Secretary, Ministry of External Affairs, at the School of International Studies, JNU, 12 September 2002.
- Europe Forum Lecture on "Trading Places: India and Europe in the War against Terrorism," by Dr. C. Raja Mohan, Strategic Affairs Editor, The Hindu, at the School of International Studies, JNU, 30 September 2002.
- International Seminar on "India, the European Union, and the WTO," at the School of International Studies, JNU, on 6-7 October 2002 in association with the Centre de Sciences Humaines, the EC Delegation, Fundacao Oriente, and the Konrad Adenauer Foundation.
- International Seminar on "India, Europe, and the Changing Dimensions of Security," at India International Centre, on 21-22 November 2002 in association with the Centre de Sciences Humaines,

the EC Delegation, Fundacao Oriente, and India International Centre.

- International Seminar on "The European Union in Transition: Economy, Politics, Society," at Mangalore University, 10-11 February 2003 in association with the Delegation of the European Commission, Fundacao Oriente, Konrad Adenauer Foundation and Mangalore University.
- Europe Forum Lecture on "India, the European Union and South Asia in Post-Cold War Era," by H.E. Mr. Michel Caillouet Ambassador/Head of the Delegation of the European Commission at the School of International Studies, JNU, 20 February 2003.
- Europe Forum Lecture on "India, France and Asia: Challenges and Opportunities," by Mr. H.E. Ambassador Dominique Girard, French Ambassador to India, at the School of International Studies, JNU, 6 March 2003
- Europe Forum Lecture on "India, Europe and New Approaches to Security: Expectations and Prospects of Cooperation with Europe," by C. V. Ranganathan, former Indian Ambassador to France and China, at the School of International Studies, JNU, 31 March 2003.

Christopher S. Raj

- On 9-10 May, 2002 Organised under Canadian Studies programme of CAWES, SIS an International Conference jointly with Canadian Centre for Foreign Policy Development, Ottawa, on "Canada's Global Engagements in the 21st Century" at the JNU Campus, New Delhi. The Conference was inaugurated by Former prime Minister, Shri I.K. Gujral.
- "Canadian Nuclear Non-Proliferation Policy and Pokhran I & II", Research paper presented.

Abdul Nafey

- Canadian Studies Programme organized a two week programme of book-reading and discussion between the students of Canadian Studies Programme, SIS and students of Canadian literature, University of British Columbia through tele-conferencing.

Centre for Studies in Diplomacy, International Law & Economic

Pushpesh Pant,

- Seminar on Climate change in collaboration with Indian Academic of International Law Diplomacy.

V.K.H. Jambholkar

- Organized seminar in the school under the National Security Programme, of the school.
- Organized Appadorai Memorial lecture, for the first time in the school.
- Organized Sisir Gupta Memorial lecture, after a lapse of 4 years.
- Organized departmental seminars at the school level.

Centre for International Politics, Organization and Disarmament

1. Seminar on "Role of the International Committee of the Red Cross in the World Today" by Ms Sylvie Junod, Head of the ICRC in South Asia, held on 5 April 2002.
2. Seminar on "South East Asian Perceptions of 11th September" by Mr Arnaud d'Andurain, Director for Intellectual Exchange, Asia -Europe Foundation (ASEF), held on 5 April 2002 (jointly organized by CIPOD and South East Asian and South West Pacific Division, SIS).
3. Seminar on "US: India's New Neighbour" by Dr C. Rajamohan, Strategic Affairs Editor, The Hindu, held on 16 April 2002.
4. Seminar on "Partitions and Peace Processes: Lessons Learned" by Dr Radha Kumar, Adjunct Senior Fellow, Council on Foreign Relations, New York, U.S.A. held on 17 September, 2002.
5. Seminar on "International Relations Theory and the Origins of the Modern System on States" by Dr Benno Teschke, Lecturer in Politics and International Relations at the University of Wales Swansea and Visiting Fellow, CIPOD, SIS, JNU, held on 22 October, 2002.

6. Seminar on "Why Coercive Diplomacy Failed: The India-Pakistan Balance and the Limits of Military Power" by Dr Manoj Joshi, Political Editor, The Times of India and Visiting Professor at CIPOD, SIS, JNU, held on 12 November, 2002.
7. Seminar on "The Madman Nuclear Alert: Lessons from the October 1969 Crises" by Professor Scott D. Sagan, Director, Centre for International Security and Cooperation, Stanford University, U.S.A. held on 3 March 2003.

Centre for West Asian & African Studies

Gulshan Dietl

- Presented a paper on "The Caspian Sea: Legal, Geopolitical and Energy Issues" at a seminar on "The CIS" : Politics and Economics in the Era of Globalisation" organized by the Centre for Russian, Central Asian and East European Studies, School of International Studies, Jawaharlal Nehru University, 27-28 March 2003.

A.K. Pasha

As Convenor of the West Asia Seminars, organized and presided over the following seminars/lectures

- Prof. K. Mathew, Editor, Africa Quarterly, ICCR came to Centre on 22 Aug., 2002 and spoke on "Contemporary Libya Impressions of Recent Visit".
- Dr. S. Abdul Muneem Pasha, Reader, Deptt. Of Political Science, Jamia Millia Islamia , spoke on "Iran & Central Asia: A Developing Relationship" on 5 Sept., 2002.
- iii) Mr. V. Sudershan, Senior Journalist, Outlook, New Delhi gave a seminar on "India & the Iraq Crisis" on 13 September, 2002.
- Mr. M. Hamid Ansari, Former Ambassador of India to Saudi Arabia spoke on "Saudi Arabia and the Current Gulf Crisis" on 19 Sept., 2002.
- Ambassador of Iraq, HE Mr. Salah al Mukhtar, spoke in the panel discussion on "Iraq, U.S and the current crisis in the Gulf Region" on 26 Sept., 2002 alongwith Dr. C. Raja Mohan, K.P. Fabian, Former Ambassador.
- Mr. Sreedhar, Senior Research Fellow, IDSA, New Delhi spoke on "Developments in Afganistan: Implications for the Persian Gulf States" on 10 October, 2002.
- Ambassador of Syria, Dr. Mohsen al Khayer spoke on "Syria and Contemporary Developments" and Visiting Professor, Prof. Haakan Wiberg, Director, Copenhagen Peace Research Institute, Denmark spoke on "Internal Conflicts in the Middle East" at the Centre on 7 Nov., 2002.
- Dr. Shalva J. Weil of the Hebrew University, Jerusalem, spoke at the Centre on : "Indian Jews in Israeli Society" on 20 January 2003.
- Dr. Mustafa EL Fikki, Chairman, Foreign Affairs Committee, People's Assembly, Egypt, spoke on "Contemporary Egypt", at Centre on 23 January 2003.
- Prof. Yitzhak Schichor, Israeli Expert on Chinese Policy towards West Asia spoke on "China, Saudi Arabia and the Gulf Crisis" on 30 Jan., 2003.
- Mr. Siddharth Varadarajan, Times of India, Deputy Chief of Bureau spoke at Centre on "Contemporary Saudi Arabia", on 6 February 2003.
- Dr. Harold Tanner, Former Chairperson, Cornell University spoke on "Current Developments in West Asia: US Perception" on 25 February, 2003.
- Mr. C. Raja Mohan, Strategic Affairs, The Hindu, Ms. Jyoti Malhotra, Indian Express, New Delhi, Dr. Ash Narain Roy, Coordinator, International Studies, Institute of Social Sciences, Delhi, spoke on "Globalization and Political Reforms" on 27 February 2003.
- Prof. Ashwani K.Ray, CPS, SSS spoke on "Crisis of Western Realism in West Asia" on 13 March, .2003.

- Ambassador of Kuwait HE. Mr. Abdullah A Al-Murad, spoke on "Kuwait and Gulf Crisis" on 20 March, 2003.
- Ambassador of Egypt HE Dr. Khiraldin Abdel Latif spoke on "Contemporary Egypt" on 27 March, 2003.
- Presented paper on "Terrorism in West Asia: Implications for India's Security", at a national seminar on Terrorism in West Asia: Past, Present and Future organized by CWAAS, SIS, JNU, 2-3 Sept. 2002 at JNU, New Delhi.

P.C. Jain

- Made presentation on "Terrorism in West Asia - a Sociological Perspective" - National Seminar organized by CWAAS, SIS, JNU, 2-3 September 2002.

Anwar Alam

- Paper entitled "Islam, West and Multi-Culturalism", presented in the weekly seminar of Centre for West Asian and African Studies, School of International Studies, J.N.U., New Delhi held on 29 August, 2002.
- Paper entitled "Social and Regional Roots of Islamic Terrorism in Egypt: A Case Study of Al-Jama's al Islamiyya", presented in a national seminar on "Terrorism in West Asia: Past, Present and Future", organized by Centre for West Asian and African Studies, School of International Studies, J.N.U., New Delhi, held on 2-3 September 2002.

AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS.

Centre For American & West European Studies

Rajendra K. Jain

- JNU European Union Studies Programme research fellowship on "Regional Cooperation in the European Union and South Asia: Lessons and Relevance of European Experiences".

Chintamani Mahapatra

- United States, as a Fulbright Scholar at the University of Delaware, January 2003.

Christopher S. Raj

- Awarded Shastri Indo-Canadian Fellowship for field research in Canada and Faculty Enrichment (May June 2002). As Visiting professor attached to Centre on Foreign Policy and Federalism, Waterloo University, Waterloo, Canada.
 - (a) During the field research interacted with Canadian foreign policy experts of three Universities: Waterloo Univ.: Prof. John English, Prof. Andrew Cooper, Prof. Jim Walker and Prof. Ashok Kapur; Wilfrid Laurier Univ. (Waterloo): Prof. Frank Millard, Prof. Baldev Raj, Prof. Alistair Edgar; Carleton Univ.(Ottawa): Prof. Martin Rudner, Prof. Elliot Tepper and Prof. Francois Rocher.
 - (b) For promoting Canadian Studies Programme in JNU and facilitating Research grants interacted with the Canadian Department of Foreign Affairs and International Trade (DFAIT), officials : Mr. Jean Labrier, Director International Academic Relation Division, Mr. Steven Lee, Executive Director, Canadian Centre fore Foreign Policy Development.
 - (c) Member of Canadian Parliament Mr. Andrew Telegdi accorded me Resident Professor Status and gave me access to House of Commons Library facilities and interaction with research staff with the Standing Committees on Foreign Affairs and Defence.

Centre for East Asian Studies

H.S. Prabhakar

- Chaired the Session: "India-Japan Relations: Economic Dimension:", BHU, 30 March 2003

Centre for Russian, Central Asian and East European Studies

S. K Jha

- Visited Moscow in May-June 2002 under India-Russia cultural exchange programme, sponsored by ICSSR and Russian Academy of Sciences.

Gulshan Sachdeva

- Visited Moscow in May-June 2002 under India-Russia cultural exchange programme, sponsored by ICSSR and Russian Academy of Sciences.
- Selected for first JNU European Union Studies Project (JNUEUSP) SIS Faculty fellowship, October 2002.

Centre for South, Central Southeast Asian & Southwest Pacific Studies

K. Warikoo

- Awarded Mongolia's NAIRAMDAL (Friendship) Medal by the President of Mongolia, in recognition of services for promotion of Mongolian Studies and Indo-Mongolian Relations.

Centre for West Asian & African Studies

A.K. Pasha

- American Biographical Institute Board of International Research, Raleigh, North Carolina, USA has nominated me as Man of the Year 2003 in connections with my 10 books, 10 edited books and chapters contributed to over 18 books.

MEMBERSHIP OF BOARDS/COMMITTEE

Centre For American & West European Studies

Abdul Nafey, Member of course committees on 'State and Society in Latin America' and 'Government and Politics in Canada', Department of Political Science, IGNOU; Member of JNU Court and JNU Academic Council; Member of SIS Board and CASR; Secretary General, Indian Society for Latin America

Rajendra K. Jain, Network Coordinator, JNU European Union Studies Programme.

B. Vivekanandan, President, Jayaprakash Foundation, New Delhi; Chairman, Governing Council, Centre for International Strategic and Development Studies, Bombay; Member, Governing Body, Schumacher Centre Delhi, New Delhi; Member, Executive Committee, Indian Centre for Democratic Socialism, New Delhi; Member, Board of Studies, School of International Studies, JNU.

R.L. Chawla, "Faculty of Social Sciences", Dayal Bagh University (Deemed) Agra. Attended the Board meeting in November 2002.

Centre for Studies in Diplomacy, International Law & Economic

Manmohan Agarwal, Coordinator for the Economics refresher course held at ASC in Dec.-Jan. 2002-2003; Appointed to ASC Coordination Committee; Member of Board of SSS and SLS; Acting Chairperson of the Centre Jan. - March 2003.

Pushpesh Pant, Member Search Committee to appoint the Vice-Chancellor in Mattidas University, Chattisgarh; Chairperson Monitoring Committee on Collaborative info-tech project being implemented in Uttaranchal; Member Steering Committee on SC/ST Uttaranchal Mission by Ministry of Science Technology, Govt. of India Department.

Y.K.Tyagi, Elected member of the Executive Council of the Indian Society of International Law.

Alokesh Barua, - Member of the School Board, SIS; Member of the Academic Council, JNU

A.S. Ray, Member-Secretary, Committee on "India: Vision 2020:", Planning Commission, Govt. of India.

V.K.H. Jambholkar, Member of the Board of Studies, S.I.S; Co-ordinator, National Security programme, SIS, JNU

Centre for International Politics, Organization and Disarmament

C.S.R Murthy, Member, Curriculum Advisory Committee for Social Sciences, National Institute for Open Schooling, New Delhi.

Varun Sahni, Member, Executive Committee, Institute for Peace and Conflict Studies, New Delhi.

Centre for Russian, Central Asian and East European Studies

Anuradha Chenoy, Member of the Advisory Committee, Third World Academy, Jamia Millia Islamia University, New Delhi.

Nirmala Joshi, Member of the U.G.C. Standing Committee on the Area Studies Program since 2002; Member of the expert committee of the U.G.C. to review the IX plan and evaluate the X plan proposals of a) Guru Nanak Dev University, Amritsar (25-30 October 2002) and b) Andhra University, Vishakhapatnam, (7 - 10 January 2003); Member of the Steering Committee of the India- Ukraine Friendship Association. A chapter of the Indian Association of Friendships with Foreign Countries.

Shashikant Jha, Member, Board of Studies, School of International Studies, Jawaharlal Nehru University, New Delhi; Member, Security Advisory Committee, Jawaharlal Nehru University, New Delhi.

Centre for South, Central Southeast Asian & Southwest Pacific Studies.

I.N. Mukherji, Member, Academic Council, India Institute of Foreign Trade, New Delhi; Member, Governing Board, Indian Council of South Asian Cooperation; Member, Editorial Board, South Asia Economic Journal, Institute for Policy Studies, Colombo & Research and Information System for Non-aligned and Other Developing Countries, New Delhi; Member, Group of Experts under aegis of BIMST-EC Ministry of Commerce, Government of India.

K. Warikoo, Member, Executive Council, Maulana Azad Institute of Asian Studies, Kolkata; Member, Advisory Committee for Promotion of Himalayan Cultural Heritage, Deptt of Culture, Government of India; Member, National Security Advisory Board of India.

Centre for West Asian & African Studies

S.N. Malakar, Member of Board of Studies, School of International Studies, JNU.

Anwar Alam, Membership: M.A. Committee, SIS

ACHIEVEMENTS OF THE STUDENTS

Centre for Studies in Diplomacy, International Law & Economic

D. Varaprasad Sekhar

- Arvind Balaji Yelery, The Impact of Economic Reforms in the Post- 1978 Urban China: A Case Study of the Restructuring Process of the State-Owned Enterprises.
- Parimal Maya Sudhakar, China's Nuclear Policy under Deng Xiaoping: 1978- 1992
- Sailen Datta Das, North-East India in Sino- Indian Relations since 1978.

Centre for South, Central Southeast Asian & Southwest Pacific Studies

K. Warikoo,

- Ph.D. student Dr. Oidov Nyamaava, published his book Mongolia - India Relations, New Delhi, 2003, 236 pp.

ANY OTHER INFORMATION

Centre For American & West European Studies

B. Vivekanandan

- "Nordic Welfare States: Lessons for India", Lecture delivered at the Academic Staff College, JNU, October 2002.
- Guest (Visiting) Professor in Department of Social Studies, University of Helsinki, Finland, May-June 2002.
- Research visits to Italy, Germany, Belgium, France and Britain in December-2002 to February 2003.
- Guest of Honour at Jean Jaures Foundation; Paris, in June 2002.

Christopher S. Raj

- Electronic Media :
 - (a) 11 June 2002, "Indo-Canadian Relations." Interview by CKCO (Canadian T.V)
 - (b) 20 January 2003, "War Clouds over Iraq," Doordarsh: Suba Savera Programme.
 - (c) 11 March 2003, "America's War on Terrorism," Doordarshan Panel Discussion.
 - (d) 16 March 2003, "War Clouds over Iraq," Doordarshan: India This Week.

Chintamani Mahapatra, Interview:

- (a) BBC Radio on "US Policy on Kashmir," 17 Sept. 2002.
- (b) BBC Radio on "Blackwill's Comment on Kashmir Terrorism," 30 October 2002.
- (c) Rastriya Sahara, 18 Sept. 2002 on "Indo-US Relations: Vajpayee's Visit to US".
- (d) "Collin Powell's Trip to South Asia," Channel Four TV, London, 16 August 2002.

Centre for Studies in Diplomacy, International Law & Economic

Alokesh Barua

- Delivered lecture in Academic Staff College.

Gurbachan Singh

- Worked as the Director of the M.A, (Economics) programme in CSDILE, SIS. JNU.
- Placed a large number of students as interns in various research institutes as part of our Summer Project Course (an optional course in M.A.Economics). Acted as a coordinator. The institutes covered were Indian Statistical Institute (Calcutta), Indian Statistical Institute (Delhi), National Institute of Public Finance and Policy, Indian Institute of Foreign Trade, ICRIER, West Bengal Chamber of Commerce, Indian Institute of Management, Calcutta, The Energy Research Institute, ICRA, and PA Consulting Group.
- There was one student who was very keen on the Summer Project Course but could not be placed in any institute. So he was involved in research activity with me within our division. Formally, it was on a non-credit basis but he was happy to learn some new things in the summer. He was involved in data collection, reading relevant material, survey of some of the literature, and simple regression analysis.
- Prof. M.L. Agarwal had arranged for the refresher courses for college lecturer in January, 2003, delivered two lectures at the Academic Staff College, JNU on Banking on 3 January, 2003

V.K.H. Jambholkar

- Actively involved in the School activities - continuously to promote, protect and project, schools profile

Centre for International Politics, Organization and Disarmament

C.S.R Murthy

- Coordinator, 5th Refresher Course in International Relations, JNU Academic Staff College, September-October 2002.

Centre for South, Central Southeast Asian & Southwest Pacific Studies

I. N. Mukherji

- Spoke on "India's Economic Diplomacy" at Academic Staff College, Jawaharlal Nehru University on 23 September, 2002.
- Assigned the role of a resource Person at 19th Session of Standing Committee to Bangkok Agreement, convened by Economic and Social Commission for Asia and Pacific, Bangkok from 19-21 March, 2003.

K. Warikoo

- Continues to edit the quarterly journal Himalayan and Central Asian Studies

Centre for West Asian & African Studies

A.K. Dubey

- Academic Convenor of International Seminar Organised by Global Organisation of People of Indian Origin (GOPIO International) on People of Indian Origin and India at Indian Council of Cultural Relations (ICCR) on 12th of January 2003 on the occasion of Pravasi Bhartiya Diwas.
- As member of Preparatory Committee set up by Ministry of External Affairs of Government of India to organize International Conference on Education and Culture sector on the occasion of Pravasi Bhartiya Divas (Indian Diaspora Day) from 9 to 11 January 2003.

A.K. Pasha

- Gave talks to All India Radio on Iraq Crisis and Israeli-Palestine Conflict on 25 June, 2002, 13 Feb., 2003 and 23 March, 2003.
- Gave talks to Jain TV, ETV, DD-Subah Saveri, Aaj Tak, Sahara TV, BBC Hindi and Urdu Radio's and Iran TV during Iraq Crisis from 18 March 2003 to 31 March 2003.

5. School of Information Technology (SIT)

The School of Information Technology was established in the University in 2001 and consists of the Bio Informatics Centre (BIC), the Computer Centre (CC) and the Communication and Information Services (CIS). The focus of the School is on the use of information technology on education and research, and on the study of how the increased availability of information in all spheres of enquiry, be it biological information, geological information, economic information, etc. can be most effectively utilized in an academic context. These Centres (BIC, CC and CIS) were existing as independent Centres in the University prior to the formation of the School.

THRUST AREAS AND PERSPECTIVE PLAN

The BIC has been running a one year post-graduate diploma programme since 2000. This is one of the five such programmes within the country and is completely funded by the Dept. of Biotechnology. The research of this Centre is focused on Computational Approaches to Genome Sequence Analysis and Molecular Modeling. The Ph.D. programme of School of Information Technology started in the year 2001 with the admission of students to a direct Ph.D. in Bio-Informatics. From the year 2002 courses are being floated within the SIT which are accessible to the entire JNU student community.

The Computer Center provides all students of the University access to computers and the internet. These facilities are extensively used. Short-term training courses for JNU administrative staff are also conducted by the Computer Center from time to time.

The CIS manages the entire email, internet and network services within the campus.

The School, which is still in its initial stage of development, is charting out a course of action to make a role for itself in the academic framework of the University. The major teaching and research programme at present is in the BIC. Expansion into the use of Information Science in other branches, especially in the Social Sciences are among the short-term plans of the School. In addition to the core faculty, faculty members from other Schools hold concurrent appointment in BIC. The research and training activities of the School are increasing steadily. The faculty has been publishing research papers conducting seminars, training programs, etc. The DBT has recently funded BIC as one of five Centers of Excellence in Bio-Informatics in the country.

The School runs, in addition to its post graduate diploma and Ph.D. programme, a vibrant summer school which is attended by undergraduates from institutions from all over the country. Our research activities in the BIC are in the areas of Genomics, DNA analysis, structural biology and molecular modelling.

Computational Facilities:

The BIC operates and runs the Plant Genome Mirror Website in addition to the north India Regional Molecular Modelling Centre. The Bioinformatics Centre has several high-end workstations with considerable storage capacity, and are available for the user community. Similarly CIS has a large number of servers and computers that are necessary for efficiently running the network and email services. The Computer Centre has a set of 30 computers that are available for students to access the internet; this will be upgraded shortly.

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE SCHOOLS

The School has extensive collaborations, both within the University and outside the University. As already mentioned several faculty of SIT have concurrent appointment in other Departments such as School of Physical Sciences, School of Life Sciences, Centre for Biotechnology and Special Centre for Molecular Medicine. The teaching programme of the BIC draws on faculty from CBT, SC&SS, SCMM as well as from the Indian Statistical Institute, the National Institute of Immunology and other institutes in Delhi.

REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

In the Winter Semester, 2002, an online course in Bioinformatics was run from the Bioinformatics Centre with material from BioUniv. This included two contact classes per week and was attended by over eighty students from the university. Course material was available over the university intranet.

The Ph.D. programme of School of Information Technology started in the year 2001 with the admission of students to a direct Ph.D. in Bio-Informatics. From Monsoon Semester 2002, the School has embarked on offering courses to the entire student community of the University. Accordingly this semester, SIT has been running courses on C++ programming, Statistical analysis of data, both directed towards students of other Schools. In coming semesters we hope to have courses on machine translation, networking, and other topics.

PUBLICATIONS

Articles

A. Bhattacharya

- S. Ghosh, S. Satish, S. Tyagi, S. Bhattacharya, "Differential use of multiple replication origins in the ribosomal DNA episome of the protozoan parasite" *Entamoeba histolytica*. *Nucl. Acids Res.* 31, 2035-2044 (2003).

A. Lynn

- K.C. Pandey, S.Singh, P. Pattnaik, C.R. Pillai, U. Pillai, S.K. Jain, C.E. Chitnis "Bacterially expressed and refolded receptor binding domain of Plasmodium falciparum EBA-175 elicits invasion inhibitory antibodies" *Mol Biochem Parasitol*, Aug 7;123(1):23-33 (2002).

R. Ramaswamy

- R.K. Azad, J. Subba Rao and W. Li, "Simplifying the mosaic description of DNA sequences", *Physical Review*, E 66, 031913 (2002).
- J.S.Hunjan and S.Sarkar, "Global Optimization on an Evolving Landscape", *Physical Review*, E 66, 046704 (2002).
- "Symmetry-breaking in Local Lyapunov exponents", *European Journal of Physics*, B29, 339-343 (2002).
- "Phase Ordering at Crises", (with M. Shrimali), *Physics Letters A* 295, 273 (2002).

RESEARCH PROJECT (SPONSORED)

R. Ramaswamy

- DST-DAAD Project (with Prof. U. Feudel, Carl von Ossietzky University, Oldenburg): Strange Nonchaotic Attractors, Origins, Characterization and Applications.

RESEARCH PROJECT ON-GOING (SPONSORED)

R. Ramaswamy

- DST Project entitled "Dynamics of Fractal nonchaotic attractors" (2001-04).

FACULTY PARTICIPATION IN CONFERENCE OUTSIDE INDIA

A. Bhattacharya

- "Workshop on Mitochondrial Protozoan Genome Sequencing Projects (E. histolytica, T. vaginalis, and G. lamblia)", May 2002, Hinxton, UK.
- Department of Biochemistry, Weizmann Institute of Science, Rehovot, Israel, March 2003.

R. Ramaswamy

- "Simulation and Modeling Physics, Hanoi, Vietnam, 28/29 November 2002. "Uncovering the Mosaic : Segmentation analysis of DNA sequences"

FACULTY PARTICIPATION IN CONFERENCES IN INDIA**A. Bhattacharya**

- DBT workshop at the dept of Anatomy, AIIMS, Feb 2003

A. Lynn,

- Delegate at HPC-Asia, a Conference on High Performance Computation, Bangalore, December 2002

R. Ramaswamy

- "Recent Advances in Nonlinear Dynamics, Bangalore, 31 July, 2002, "The Thermodynamics of Strange Nonchaotic Attractors".
- Workshop on Genetic Algorithms in Bioinformatics, Pune, 16 August, 2002, "Geometry Optimization".
- Robustness, Emergent Behaviour and Pattern formation in Biological systems, Chennai, 2 December (2002) "Entropic Analysis of DNA sequences : Uncovering the mosaic".
- Trends in Theoretical Chemistry, IACS Kolkata, 17-19 January (2003) "Structure Optimization"
- Molecular electronic structure and dynamics 2003, Kharagpur, 20-21 January (2003) "Finding Genes in DNA".
- Theoretical Physics 2003, IACS Kolkata, 21-24 January (2003) "Critical Localization and Critical Strange Nonchaotic Attractors : The Harper Equation"
- Protein Aggregation and Association, TIFR Mumbai, 22-23 February (2003).
- Condensed Matter Days 2003, IIT Kanpur, 28 February (2003) "Finding Genes (and other things) in DNA (and other Biological) sequences".
- Unconventional Applications of Statistical Mechanics, SINP Kolkata, 20-22 March (2003)"Entropic Analysis of DNA sequences : Uncovering the mosaic"

FACULTY LECTURES OUTSIDE JNU**A. Krishnamachari,**

- "Promoter prediction in prokaryotes" , Pondicherry University, January 2003.
- Application of Markov Chain and Hidden Markov models in Bioinformatics". Birla Institute of Scientific Research, Jaipur, 2003
- "Gene and Genome Sequence analysis" February 2003, Gurunanak Dev University, Amritsar

R. Ramaswamy

- "Markov Models ", 6-7 May ICGEB, New Delhi.
- Refresher course in Theoretical Physics, St. Stephens College, Delhi, 1-9 October (2002)
- School on Simulation and Modelling Physics, Hanoi, Vietnam, 25-27 November (2002).
- "Self-organised Criticality", 3 December, 2002, Madras School of Economics, Chennai.
- "Bioinformatics", 4 December, 2002, Academic Staff College, JNU, New Delhi; 5 December, Kamala Nehru College, New Delhi; 12 December, Sri Venkateshwara College, New Delhi; 13 December, 2002, Lady Shri Ram College, New Delhi; 28 March, Delhi University, South Campus.
- "Chaos", 11 December, Khalsa College, New Delhi; 17 December, 2002, Acharya Narendra Dev College, New Delhi.

N. Subbarao

- Delivered 8 lectures related to Bioinformatics for the M.Sc. students (Biochemistry) of Punjab University, Chandigarh from 6 January to 10 January, 2003.

VISITORS TO THE SCHOOL

1. Delegation from Institute of Cytology and Genetics, Siberian Branch of the Russian Academy of Sciences, Russia.
2. Prof. Ananda Chakraborty, University of Illinois, USA.

SEMINARS/CONFERENCES/WORKSHOPS ORGANIZED BY THE SCHOOL

1. "Biological Data Base and Data mining" in collaboration with Delhi University South Campus.
2. Workshop on Molecular Modelling & Drug Design, December 13-14, 2002.

MEMBERSHIP OF BOARDS/COMMITTEES

A. Krishnamachari, Member-Secretary DOEACC Committee (Ministry of Communication and Information Technology, Govt. of India) for the "Introduction of Bioinformatics Courses" under DOEACC Curricula".

6. School of Language, Literature and Culture Studies (SLL&CS)

The School of Language, Literature & Culture Studies has continued its excellent performance in high quality teaching/learning and research. Its reputation in teaching of foreign languages is recognized all over India. The different Centres of the School offer undergraduate, postgraduate and research programmes of study in various Indian and foreign languages and literatures, and in linguistics, philosophy and translation. The School reaches out to the community through its Certificate and Diploma courses in several languages. A variety of Tool/Optional courses are offered within the School which promote the philosophy of interdisciplinarity. The School also offers the highly successful Remedial Course in English to all students of the University who need to increase their competence in the language for academic purposes. The School produces top notch scholars in the fields of linguistics, literature and culture studies, as well as internationally acclaimed translators and interpreters. The School of Language, Literature & Culture Studies prides itself on the variety of its programmes and the quality of teaching/learning and research.

THRUST AREAS AND PERSPECTIVE PLAN

Centre of Indian Languages

The Centre of Indian Languages was established with a view to undertake socially relevant and intellectually provoking research and higher studies in various Indian languages. An implicit benefit of having such a center was to promote the interdisciplinary approach and comparative perspective in accordance with general orientation of JNU and SLL&CS.

Centre for French & Francophone Studies

Translation and Interpretation : Translation and Interpretation are treated as a specific discipline with a view to breaking the empirical approach to the problems of translation. Introduction to Translation: Theory and Practice, Advanced course in Translation: Theory and Practice. Course on Terminology, History of translation, Translation in French of Indian Literary Works, Consecutive interpretation, Simultaneous Interpretation. It is proposed to develop a course on dubbing & subtitling of films as well as a course on Computer-aided Translation & Terminology.

It is the pioneering Centre in the country to have started specialised courses in Francophone Literatures: European Francophone Literature, North American Francophone Literature: Canada, Francophone Literature of Sub-Saharan African and Caribbean Island Countries, North African Francophone Literature: Maghrebian Countries, Francophone Literature of the Indian Ocean, Francophone Literature of Asia-Pacific Countries and Contemporary Indian Literature in French. This thrust area of the Centre needs to be further strengthened.

Centre for German Studies

The Centre continued to develop its interdisciplinary perspective on teaching and research programmes concerning German Studies as an integrative part of Culture Studies. This includes comparative and contrastive studies between German speaking Countries and India in the area of Culture, Translation, Methodology of Teaching German as a foreign language with Applied Linguistics and attention to new fields such as media studies emerging out of changes in socio-political activities.

Centre of Linguistics & English

The Centre of Linguistics & English runs two separate M.A. Programmes--one in English and the other in Linguistics.

The research programme of the Centre i.e. M.Phil/Ph.D. is an interdisciplinary and transdisciplinary programme in which a theoretical and comparative research is undertaken in a wide range of areas. The thrust areas of the Centre may be identified as follows:

1. New Literatures in English including African writings in English, Australian writings in English, Canadian writings in English, Indian writings in English and West-Indian writings in English.
2. Literary Theories, Indian and European, and their application to various texts of Literature.
3. Cultural Studies, and Semiotics.
4. Literary Translation, both theory and practice.
5. Comparative Historical studies of various intellectual Traditions including Indian and European Grammatical Traditions.
6. Empirical studies of languages including phonetic, phonological and grammatical descriptions of hitherto undescribed languages.
7. General and applied speech sciences to include phonetic descriptions of lesser known languages, FFT and signal processing, applications of phonetics in speech pathology, foreign language teaching and standardization of script and spellings, speaker identification studies and forensic sciences.
8. Neuro-cognitive linguistic studies which includes early speech and language acquisition, normal and delayed acquisition, database studies on child language, speech and language disorders, aphasiology - language loss and language reacquisition in aphasics.
9. Applied Language studies including translation studies and studies in lexicography.
10. Applied Linguistics, Pedagogical theory and practice, Issues pertaining to teaching of languages as Mother Tongue, Second / Foreign Language, Studies in contrastive analysis, error analysis and learner language studies.

Group of Philosophy

Modern Western Philosophy, Postmodern Philosophy and Indian Philosophy

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE SCHOOL

Centre for Chinese & South East Asian Studies

The Centre in collaboration with the Education Office of the Chinese Embassy organised several rounds of test for "Chinese Bridge" contest during the Winter Semester, 2003.

Centre for French & Francophone Studies

The Centre does not have any formal agreements with Universities in French speaking countries. However, over the course of years, interactions have taken place with Universities in Canada, Belgium, Switzerzlerland, Mauritius, Reunion. Areas of academic collaboration have been identified. Under the Indo-French Cultural Exchange programme every year, a French expert from a well known Ecole Normale, Superieure in France is assigned to the Centre.

Centre for German Studies

The Centre does not have any formal agreements with other universities in German speaking countries, but over the years interaction has taken place with the universities of Salzburg, Graz, Vienna (Austria), Göttingen, Berlin, Duisburg & Konstanz (Germany) and areas of interaction have been worked out.

Group of Philosophy

Group of Philosophy is in constant interaction with other Centres of the School like CGS, CJNEAS, CSS, CFFS, CL&E. The Centre is also interacting with Centre of Philosophy, SSS, and Special Centre for Sanskrit Studies. The Centre is having the collaborative arrangements with Indian Council of Philosophical Research, New Delhi and Centre for Studies in Civilizations in organizing National and International Seminars/ symposiums/colloquium, etc.

REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

Centre of Indian Languages

The Centre has revised M.A., M.Phil Hindi/Urdu Courses through keeping in view the developments in the field of literary studies.

Centre for French & Francophone Studies

The Centre had restructured its courses just two years back.

Centre for German Studies

The Centre revised the structure of the M.A. programme keeping in mind the UGC model curriculum for Western European Languages. Certain courses in both the literature and the translation streams were identified as core compulsory courses, and the students will be given a certain degree of choice in choosing one or two other core courses from a list of courses offered each semester by the Centre.

At the M.Phil. Level of the earlier four compulsory courses, only the course dealing with theory and research methodology has been deemed compulsory. For the other three courses required to be done, the students will have a choice of courses from a list of courses offered by the Centre.

A new MA level Course titled "Theory and History of Oral Culture Studies" was proposed by the Centre and this was approved by the Board of Studies of the SLL&CS.

Centre of Linguistics & English

1. Language, Mind & Brain (MA) Linguistics
2. Developmental Psycholinguistics (MA) Linguistics
3. Neurolinguistics and Language Disorders (MA) Linguistics
4. Neurocognitive Linguistics (M.Phil)
5. Literature and Allied Arts : Cinema (MA) English
6. Colonial Discourse/Postcolonial Studies I (MA) English
7. Colonial Discourse/Postcolonial Studies II (MA) English
8. Literature of Colonialism/Decolonization (M.Phil) English
9. Readings in American Literature (M.Phi) English
10. African-American Literature (M.Phil) English
11. Semiotics and Post-Structuralism (M.Phil)

SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENTS

Centre for French & Francophone Studies

The Centre offers Remedial Courses in French for SC/ST & Other Academically weak students.

Centre of Linguistics & English

The Centre conducts the University's Remedial Course in English for SC/ST and other academically weak students. On an average, sixty students from across the university register for this course. This is a popular and successful programme, which enables students from non-privileged backgrounds to pursue their academic interests with competence and confidence.

PUBLICATIONS

Books

Centre for Chinese & South East Asian Studies

M. Bhattacharya

- (Co-translator) *Protection of Mulberry plants* An English translation from Chinese text, (Oxford & IBH publishing Co. Pvt. Ltd., New Delhi 2003).

Centre of Indian Languages

Mohd. Shahid Husain

- *Ablaghiyat Educational Publishing House*, Lal Kuan, Jan. 2003.

Vir Bharat Talwar

- *Rassakashi Saransh Prakashan*, New Delhi-2002, Pages-408.

S. M. Anwar Alam

- *ADABI JEHAT*, (Peshrau publication, New Delhi, Nov. 2002).

Gobind Prasad

- *Kavita ke Sammukh* (Vani Prakashan, Darya Ganj.2002).

Centre for German Studies

Sadhana Naithani

- *Folktales From Northern India by William Crooke and Pandit Ram Gharib Chaube.*, (Santa Barbara, Oxford. ABC-CLIO 2002)

Centre for Japanese and Noth East Asian Studies

Anita Khanna

- *Japani Sahitya*, (Publisher- BRPC, Delhi; 2002)
(Awarded the Publication grant by Suntory Foundation, Japan for the above book)

Centre of Linguistics & English

Kapil Kapoor,

- *Knowledge, Individual and Society in Indian Traditions. Saini Memorial Foundation Lecture*, Panjab University, Chandigarh. 2002 (monograph).

Makarand Paranjape,

- (Harsha Dehejia) *Saundarya: The Perception and Practice of Beauty in India*. (New Delhi: Samvad India Foundation, 2003).

Navneet Sethi

- *Women as seen by Women: A Study of African-American Women Writers*, (New Delhi. Reliance Publishing House, 2003).

Group of Philosophy

R. P. Singh

- *Applied Philosophy*, Foreword by Prof. D.P.Chattopadhyaya (OM Publications: New Delhi, 2003).

Centre of Russian Studies

K. S. Dhingra

- *A concise English - Russian Naval Dictionary*, published by (Confluence International, New Delhi, 2002)

Varyam Singh

- *Niyati Ka Ninad, Anthology of F. Tyutchev's Poems in Hindi Translation*, (Sahitya Akademi, New Delhi, 2003).

Meeta Narain

- Co-Editor of the Journal Critic brought out by the CRS after 30 years in January 2003.

Centre for Spanish Studies

S. P. Ganguly

- *Mexico-India : Similitudes y Encuentros a traves de la historia*, (English version), General Editor, Eva Uchmany, FCE, ICCR, 2003.

Chapters Contributed to Books

Centre of Indian Languages

S. M. Anwar Alam

- "Alqama Shibli Ki Shairi: Ek Asri Dasta Vez (Chapter)" *Alqama Shible: Khabon Ka suratgar*; Book, edited by Dr. Rashid Anwar Rashid, (Isbat-o-nafi publications; Calcutta, March, 2003)

Devendra Kr. Choubey

- "Bhartiya Samaj Me Istri Aour Satta Me Bhagidari" *BHARTIYA MAHILAYEN: Nai Dishayen*; edited by Romi Sharma; (Prakashan Vibhag, Govt. of India).

Jyotisar Sharma

- Two lessons, Ritimukta Kavyadhara School of Correspondence Courses and continuing Ed. University of Delhi, Delhi., 2002.

Centre for French & Francophone Studies

Shantha Ramakrishna

- Contributed a chapter on "Translation & Cultural identity: Francophone Dimensions of Translation in Canada," in K R G Nair & R.Borges (eds.) *Discovering French Canada*, (Allied Publishers Pvt. Ltd. , 2002,New Delhi).

Abhijit Karkun

- Contributed a Chapter on "Quebec As A Nation Construct : A 21st Century Rereading of Maria Chapdelaine" *Discovering French Canada* Edited by K.R.G.Nair & Romey Borges, (Allied Publishers Private Limited, New Delhi,2002).

Centre for German Studies

Michael Dusche

- "Multiculturalism and Liberal Pluralism" in: Malik, Jamal (forthcoming) *Religious Pluralism in India and Europe*, (Oxford University Press, New Delhi)
- "Ethik in der internationalen Politik - zum 'Recht auf nationale Souveränität", Arnswald, Ulrich Kertscher, Jens (eds.): *Die Autonomie des Politischen und die Instrumentalisierung der Ethik*, (Manutius Verlag, Heidelberg, 2002).
- 'Signification in Opaque Contexts. Interpreted Logical Forms as Attitude Contents' Harjeet Singh Gill (ed.) *Signification in Language and Culture*, Indian Institute of Advanced Study, Shimla, 2002.

Sadhana Naithani

- "How About Some Artistic Recognition?" In Simon Charsley (Ed.): *Changing*

Centre for Japanese and North East Asian Studies

P.A. George

- "Cultural demensions in Indo-Japanese relations" *BUILDING A GLOBAL, PARTNERSHIP: Fifty years of Indo Japanese relations*, edited by K.V. Kesavan, (Lancer's Books, New Delhi, 2002).

Centre of Linguistics & English

Kapil Kapoor

- "Teaching English Literature. Cultural Determination', in Humanities and Pedagogy. Teaching of Humanities Today," K.C. Baral, ed. (Pencraft International: Delhi, 2002).

- "Loss, Recovery & Renewal of Texts in the Indian Tradition' in A Hundred Hues," *A Tribute to Dr. Murlī Manohar Joshi*, (Rupa & Co. Delhi, 2003).
- "Ananda, Saundarya and Indian Poetics," Keynote Address, National Seminar on Philosophy of Indian Poetics and Value-Oriented Education, Sri Perumbaddur, 24 March, 2003. Published by (International Forum for India's Heritage, Noida).
- "Appearance and Reality: Signification in Bhartrhari' in H.S. Gill (ed.) Structures of Signification, Indian Institute of Advanced Studies, Shimla, 2002.
- "Women in Hindu Traditions' in Chanderkala Padia," (ed.) *Women, Tradition and Modernity*, Indian Institute of Advanced Studies, Shimla. 2002.
- "Practical Dimensions in Indian Philosophy," in Raghendra Pratap Singh (ed.) *Applied Philosophy* (New Delhi, Om Publications. 2003).

S. K. Sareen

- "Aboriginal Identity and Representation: Ruby Langford's 'Don't Take Your Love to Town', Resistance and Reconciliation Writing in the Commonwealth" ed. By Bruce Bennett et al, ACLALS, 2003,

Makarand Paranjape

- "The Allegory of Rajmohan's Wife (1864): National Culture and Colonialism in Asia's First English Novel", *Early Novels in India*. Ed. Meenakshi Mukherjee. (New Delhi: Sahitya Akademi, 2002.)
- "Reworlding Homes: Colonialism, 'National' Culture, and Post-National India", *India: A National Culture?* Ed. Geeti Sen. New Delhi: India International Centre and (Sage Publications, 2003).
- "Mirroring Ambivalences: Resistance and Reconciliation in South Asian Australia." Resistance and Reconciliation: Writing in the Commonwealth. Canberra: ACLALS, 2003.

P.S. Pandey

- "Universal Grammar", *Human Unity*, edited by R. Chaudhary, Aurobindo Ashram, New Delhi.

GJV Prasad

- "The Third Gaze The Theatre of Badal Sircar", *Muffled Voices: Women in Modern Indian Theatre*, ed. Lakshmi Subramanyam. (New Delhi: Shakti Books, 2003).

Articles

Centre for Chinese & South-East Asian Studies

Priyadarsi Mukherji

- "Proverbs from Ivan Krylov's Animal Fables and Parallels in Other Cultures", *Critic* (Journal of the Centre of Russian Studies, JNU), No.3, 2002, pp.85-93.
- "Women of Culture in the Shaping of 20th Century China", *Himalayan and Central Asian Studies* (Journal of Himalayan Research and Cultural Foundation), New Delhi, (in consultation with ECOSOC, UN) July-December 2002. Vol.6, Nos.3-4, pp.104-124.

S. Mitra

- "Doosri Zabano ka Adab" Chini Shairi" (Literature of Other Languages: Chinese Poetry), *Urdu Adab* (a quarterly journal of Anjuman Taraqqi Urdu Hind, New Delhi), April-June, 2002, Pp.115-30.

D.S. Rawat

- Translation from Chinese into Hindi "Prakhyat Chini Lekhak A Cheng Se Hong Huang Ki Baat-Cheet", *Shabd, No.3* Jan - March 2003.
- "Hong Ke : Ugta Surya," No.3, Jan-March 2003.
- "Li Ying : Jiao Yulu Ki Kabra Ke Saamne," No.3, Jan-March 2003.

Hemant Kr. Adlakha

- Translation from Chinese into Hindi: A short story Dance Partner(wuban) published in Shabd- a Hindi literary Journal, special issue on Chinese Literature, No. 3, Jan.- March.
- An interview along with Professor G. P. Deshpande on "Contemporary Literary Trends and Fiction writing in China", Hindi Literary journal Shabd, No.3, 2003
- "Whither China ?Intellectual Search into the 21st Century", *IIAS Newsletter*, Issue No. 31, (forthcoming) date of acceptance : March 2003; date of publication : 1 July,2003.

Centre for French & Francophone Studies

Abhijit Karkun

- "Une Relecture gandhienne de Les Misérables par Victor Hugo," (A Gandhian Reading of Victor Hugo's Les Miserables) in *Rencontre avec l'Inde* journal published by (ICCR, NewDelhi, Tome 31, Numero 2, 2002).

Centre for German Studies

Anil Bhatti

- "Ethik und Globalisierung. Eine Anmerkung zum Unbehagen" *Karl Acham* (Hg.), Moral und Kunst im Zeitalter der Globalisierung. Zeitdiagnosen 2. Wien, 2002 (Passagen Verlag);
- "Polyglotte Bereitwilligkeit. Eine Miscelle über Mehrsprachigkeit und Multikulturalität" In Herbert Arlt u.a. (Eds), *TRANS. Dokumentation eines kulturwissenschaftlichen Polylogversuchs im WWW (1997-2002)*, St. Ingbert, 2002 (Röhrig Universitätsverlag).

Michael Dusche

- "Liberal Tolerance - Domestic and International", *TRANS - Internetzeitschrift für Kulturwissenschaften* 5, July 2002
- "Experts or Mediators? Philosophers in the Public Sphere", *TRANS - Internetzeitschrift für Kulturwissenschaften* July 2002
- "Pluralismus und überlappender Konsens. Erfahrungen aus Indien." *Global Justice*, Philosophy Section, Cusanuswerk

S.B.Sasalatti

- P. Wiesinger & H. Derkits (Hrg.):Jahrbuch für Internationale Germanistik, Reihe A, Band 56, Akten des X.Internationalen Germanistenkongresses Wien, (Peter Lang Verlag Wien, 2002).
- "Deutsch als akademische Lehr- und Forschungsgegenstand in Indien: eine linguistische und fremdsprachendidaktische Perspektive" in: G. Stickel (Hrg.): *Deutsch von außen*, Jahrbuch vom Institut für Deutsche Sprache -2002, (de GruyterVerlag, Berlin, New York, 2003).

Sadhana Naithani

- "How About Some Artistic Recognition? In Simon Charles: *Changing Arts, Changing Traditions*,". *Glasgow*.
- "To Tell A Tale Untold. In: *Journal of Folklore Research*," 39/2-3. Bloomington. (Indiana University Press. 2002)
- *Relativitaet der Zeit*. In: *Enzyklopaedie des Maerchens*," (Goettingen. 2003)
- "Pandit Ram Gharib Chaube," *Margaret Mills* a. o. (Ed.) *Encyclopedia of South Asian Folklore*. (New York. Routledge. 2002)

Pramod Talgeri

- *Adhunikaataa ki Ek Sameekshaa: Aadhunikaataa*,". *Uttaraadhunikataa: Kuchh Vichaar*. Ed. D.S Navin and Sushant Kumar Mishra (Vaani Prakashan New Delhi 2002)

- "Uttar-Aadhunikataa : Ek Adhuuri Bahas, " *Uttaraadhunikataa: Kuchh Vichaar*. Edited by. D.S Navin and Sushant Kumar Mishra (Vaani Prakashan New Delhi 2002).

Centre of Indian Languages

Manager Pandey

- "Aalochana ki Samajikta," *Aalochana*, April-June 2002, New Delhi.
- "Aaj ka Samay aur Marxvad," *Vasudha*, December 2002, Bhopal.
- "Aatam Katha ke Kendra Mein Such Hota Hai", *Punarwa*, 2002, Noida.

Purushottam Agrawal

- 'Mujhko Dar Aatish-e-gul se Hai'- Asmita Vimarsh Ek Padta Kathdesh' - Feb-2003, ed. Hari Narain, Delhi.
- "Maa ki Katha Mein Saryu ki Mitti' in 'Das Baras' (an anthology of poetry), ed. Asad Zaidi - Dec. 2002, (Sahmat, New Delhi.)

Mohd. Shahid Husain

- "Dr. Zakir Husain Aur Urdu Taleem" *Urdu Duniya* - Monthly. NCPUL, R.K. Puram, New Delhi. (Dated: June 2002)

Vir Bharat Talwar

- "Shradha Ram Phullory: Nav Jagaran ka Charitra Aur Mahattava,". Published in *Kasautee*, No. 13, 2003, Patna).

S. M. Anwar Alam

- "URDU EDUCATIONS : Some Points Worth Repeating" Main stream; Vol./XL No. 28, New Delhi, June 29 2002.
- "MAASIR TANQID AUR AAL-E-AHMAD SAROOR" *AAJKAL*, (URDU, Publications Division, New Delhi, June 2002)
- "URDU TALEEM : TAKRAR KE MUTAQAZI CHAND NEQAAT" *Urdu Duniya* National Council for promotion of Urdu Language, New Delhi; Vol. 4, issue:- 7, July 2002.
- "EKISWIN SADI MEIN ADAB AUR QARI KE BADALTE RISHTE KI NAOYEAT" *Zaban -o- Adab*; (Bihar Urdu Academy, Patna; Jan.-Feb. 2003).

Gobind Prasad

- Two Poems published in Rastriya Sahara 30 March,2003 (Aadton ke bare mein-1 and 2)

Devendra Kr. Choubey

- "Besahara Log Aour Samkalin Hindi Kahani," *Viklang Samiksha*, New Delhi, July-Dec.2002.
- "Japani Sahitya Aour Samajik Yatharth' *Aajkal* , New Delhi, Feb. -2003.

Om Prakash Singh

- "Nagarujun Ke Kavya Ka Yugin Sandrbh", *Naya Mandand*. Jan -March 2003, (Acharya Ramchandra Shukla Sahitya Shodh Sansthan Varanasi).

Centre for Japanese and North East Asian Studies

P.A. George

- "Western Impact on Japanese Literature of the Meiji Period An Outline", Japanese Language Learning in India teaching Methodology & The Issues, (JALTAI, 2002).
- "Japanese Language Teaching in India: teaching Methodology and Content (Indo ni okeru Nihongo kyoiku: Kyojuho to kyojunaiyo wo kangaeru)", Japanese Language Learning in India: Teaching Methodology & The Issues, (JALTAI, 2002)

- "Kenjisakuhi no Miryoku to wa (Miyazawa Kenji's works and their charm)", Miyazawa Kenji Kinenkan Tsushin, Hanamaki, Iwate, Japan, February 2003.

Sushama Jain

- "Word Order in Japanese And Hindi', '*Sangam*' - publications of Japanese Embassy, Japan Foundation, et. al, brought out to commemorate 50 years of Indo-Japan Diplomatic Relations, New Delhi, October 2002.
- "Paani me Chaand," Translation of story by Kawabata Yasunari, Aajkal, Literary (Monthly, Publications Division, Govt. of India, February, 2003).

Centre of Linguistics & English

Kapil Kapoor,

- "Saundarya and Indian Aesthetics" Evam: Forum on Indian Representations, Vol.2:1&2, 2003.

Makarand Paranjape

- "Triple Ambivalence: Australia, Canada, and South Asia in the Diasporic Imagination." *Australian Canadian Studies*. 20.2 (2002):

P.K.S. Pandey

- "Bharatiya bhashaon ki dhvani vyavastha: ek parambhik vivaran," (in Hindi). *Gaveshana* 77.

Franson Manjali

- "Metaphor and Space," *Visio - International Journal of Visual Semiotics*, Vol. 6, No. 2. 2002. This paper has also appeared in H.S. Gill (ed.) *Signification in Language and Culture*. Shimla: Indian Institute of Advanced Study. 2002.

Group of Philosophy

R. P. Singh

- "Jacques Derrida's Deconstruction: A Logic of Differance", *Journal of Indian Council of Philosophical Research*, Vol. XIX, No. 2, April-June 2002.
- "Absolute Consciousness: Advaita Vedanta Perspective", *International Journal of Management and Systems*, Vol. 19 No. 1, January-April, 2003.

Sudipta Roy Dutta

- "Sabda Pramana in Samkhya", *Journal of Indian Council of Philosophical Research*, Vol.XIX,No.3, July-Sept, 2002.

Centre of Russian Studies

H. C. Pande

- "Per ke pas (vozle Dereva)," Boris Yekimov, *Ravivari Jansatta* (Delhi), 2003, 16 February.

Meeta Narain

- Translation of Documents and Commentary published in journal *Revolutionary Democracy*, Vol. VIII, No. 1, March - April 2002", brought out by the Delhi University.
- "Foreign Language Teaching : A Changing Scenario," published in journal '*Critic*, Issue No. 3 January 2003', brought out by the CRS, JNU.

Centre for Spanish Studies

S. P. Ganguly

- "Contemporary Latin American Narrative and Gabriel Garcia Marquez" *Antarjatik Choto Galpa* (International short stories), journal in Bengali, (ed.) (Sukhendu Bhattacharya, Purbachat, Kolkata, 2002).

RESEARCH PROJECTS (SPONSORED)

Centre of Indian Languages

Naseer Ahmad Khan

- Structure of Urdu (UGC) first draft ready.
- Diasporic Urdu Literature. (UGC) (in progress)

Jyotisar Sharma

- U.G.C. Ritikaleen Kavya main Lok - Manas.

Centre of Linguistics & English

Franson Manjali

- Ethics, Aesthetics and Linguistics, research project supported by Maison des Sciences de l'Homme, Paris, June-July, 2002.

RESEARCH PROJECT ON-GOING (SPONSORED)

Centre of Indian languages

Naseer Ahmad Khan

- Hindi Urdu Dictionary. (4000 pages)

Centre for French & Francophone Studies

Kiran Chaudhry

- French-Hindi Dictionary (Sponsored by Hindi Directorate, R.K.Puram, New Delhi).

Centre of Russian Studies

Meeta Narain

- UGC Minor Research Project on 'Material Production to Teach Oral Skills at Beginners Level', 2000-2003.

RESEARCH PROJECTS ON-GOING (UN-SPONSORED)

Centre for French & Francophone Studies

Shantha Ramakrishna

- Thematic History of Translation in India.

Centre for German Studies

Sadhana Naithani

- Digital Literature in German.
- German Forest Science and Indian Forests.

Pramod Talgeri

- The Becoming of Europe-The Cultural and Hermeneutical Foundations of Europe as a Civilizational Space.

Centre of Indian Languages

Purushottam Agrawal

- The critical evaluation of Kabir's poetry, Reconsidering the Bhakti Sensibility. The discourses of identity in 19th century Hindi Literature.

Vir Bharat Talwar

- Further study of 19th Century Indian Renaissance.

Devendra Kumar Choubey

- Dalit Writing in Hindi.

Jyotisar Sharma

- Dara-Shikho in Hindi Poetry and his Writtings.

Centre for Japanese and North East Asian Studies

Rajendra Tomar

- Japanese and North-East Indian Cultures"

Centre of Linguistics & English

P.K.S. Pandey

- Sound Patterns in Indian languages

Centre of Russian Studies

Meeta Narain

- Text book for first year students being prepared and would be completed by 2004 (2002-2004). This is a joint project of the CRS carried out with Dr. Charanjit Singh.

Centre for Spanish Studies

- Antalogia poetica de Sunil Gangopadhyay, sponsored by the Delegacion de Malaga, Spain.

FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

Centre for Chinese & South-East Asian Studies

Priyadarsi Mukherji

- "Indian Cinema: Social Perspective and the Miscellaneous", Central Institute of Drama, Beijing, China. 27 June 2002.

Hemant Kumar Adlakh

- International Workshop on 'Chewing the West: Occidental Narratives as Natio-Building Nutrition Selected and Digested by Asian and African Literatures in Indigenous Languages. Tittle of the paper presented: "Es-chewing the West? History, Modernity and And Culture in 20th Century Chinese Intellectual Discourse. 5-8 December, International Institute for Asian Studies(IIAS), Leiden, Netherlands.

Centre for French & Francophone Studies

Shantha Ramakrishna

- 27th International Translators' Meeting at Belgrade, Yugoslavia, 22-27 May, 2002. (Paper Presented : Translation and Literary Evolution in Early 20th Century India.)

Centre for German Studies

Anil Bhatti

- Participation in Conference with paper on "Plurikulturalitäten? Indien und die Habsburger Monarchie aus vergleichender postcolonialer Sicht", University of Vienna (Austria)and Academy of Sciences Austria 18 September, 2002 - 23 September, 2002.
- Participation in Conference with paper on: "German as component in pluricultural Mitteleuropa. The legacy of Habsburg, University of Graz", (Austria), 18 November, 2002 - 24 November, 2002.
- Participation with presentation in a Conference on "Aspects of developing international network of German Studies", University of Dresden, (Germany), 21 - 27 January, 2003.

Rajendra Dengle

- Participation in a Conference, "Cultural Globalisation," Europaisches Forum Alpbach, Austria, 16 August 2002 to 21 August, 2002.

Michael Dusche

- Opening lecture in the Conference on "Global Justice", Halle, 5. -8. December 2002.

Sadhana Naithani

- Participation with Paper at the Conference of Kommission fuer Musik-, Lied- und Tanzforschung in Erlbach, Germany, Sep. 23-28, 2002. Paper titled Indisches Herz.

S.B. Sasalatti

- Participation in the annual conference 2002 on "Deutsch vom außen" at the "Institut für Deutsche Sprache(IDS) Mannheim", Germany and presented a paper on: "Deutsch als akademischer Lehr- und Forschungsgegenstand in Indien: eine linguistische und fremdsprachendidaktische Perspektive"
- Participation in the annual conference of the Society of German Scholars of Austria "Österreichische Gesellschaft für Germanistik" in June 2002, at Linz, Austria as a panelist for "Deutsch international"
- Participation with paper: "Globalisierung vs. Lokalisierung in multilingualen Gesellschaften wie Indien und Europa"; in the annual conference of the "Gesellschaft für Angewandte Linguistik (GAL)" in September 2002 in Köln in Germany.

Pramod Talgeri

- Participation in conference of the GIG :Salzburg; 1- 6 September 2002
- Participation in conference of the Indo-German Consultative Group: Berlin 8 - 10 September 2002

Centre of Indian Languages**Purushottam Agrawal**

- Delivered key-note speech on : "Culture, Ethnicity and Peaceful Coexistence in Asia" in the International Conference on 'Diversity and Co-existence in Asia' (Dambulla, Sri Lanka) organised by International Centre of Ethnic Studies (ICES), Colombo. (Feb. 5-9, 2003).
- El Colegio de Mexico, (Centre for Asian and African Studies) Mexico. 2 May 2002 to 2 July 2002.
Delivered lectures at the Colegio de Mexico, the topics of the lectures were:
 - a) May, 15 - 'The enigma of arrival: India and the West'.
 - b) May, 22 - 'The idea of India and "Cultural Nationalism"'.
 - c) June, 19 - Rethinking Nationalism with Tagore.
 - d) June 26 - 'Envisioning Identity: Social Moral'

Centre for Japanese and North East Asian Studies**P.A. George**

- The Ninth Kyushu International Conference: Japan's Choice in the 21st Century and the World (Dai Kyushu kokuoka bunka kaigi: 21 seiki no seikai to nihon no sentakuu), 30 - 31 October, 2002, Fukuoka UNESCO Association, Fukuoka, Japan.
- Title of Paper Presented: "Japanese Language Education and Japanese Studies in India: Present state and prospects" (Indo ni okeru nihon kenkyu to nihongo kyoiku no genjo to hokosei)
- 12th Miyazawa Kenji Academic Society, Ihatov Center Seminar (Dai 12 kai Miyazawa Kenji gakkai ihatov senta kenkyu happyokai), 23 September, 2002.

Anita Khanna

- Received Japan Foundation Fellowship for 2002 for three months and worked at International Institute of Japanese Culture, Kyoto on Early Modern (Kinsei) Japanese Literature
- Attended Seminar at International Children's Library at National Diet Library, Tokyo "The inhabitants of strange Lands" 8 July 2002
- Gave a talk on Reading habits of the young one's in India on 9 July, 2002 in Tokyo.

Manjushree Chauhan

- Attended Seminar at International Children's Library at National Diet Library, Tokyo" The inhabitants of strange Lands" 8 July 2002 Gave a talk on Panchtantara in Indian Children's Literature on 9 July, 2002 in Tokyo.

Centre of Linguistics & English

Makarand Paranjape

- Public lecture on "Fire and Lajja: Two Ways of Seeing India" at the University of Iowa, Iowa City, 24 April 2002.
- Invited Plenary Speaker, Chair of a session, and poet at the USACLALS Annual Conference, Santa Clara University, 26-28 April 2002; the plenary address was on "Postcolonial Prepositions and the Logic of Vernacular India."
- Gave a poetry reading and chaired a session of readings at the USACLALS conference at the University of Santa Clara, 26-28 April 2002.
- Invited talk on "Gnosis and Alternative Postcolonialisms" at Massachusetts Institute of Technology, 2 July 2002.
- "The Reality of Myths in Indian Traditions"-TV interview and discussion with Professor Harsha Dehejia, Carleton University, Ottawa, 5 July 2002.
- Invited lecture on "Gnosis, Post-Occidental Reason and Postcolonial Futures" at the University of Munich, Munich, Germany 15 July 2002.
- "The Third Eye and Two Ways of (Un)knowing: Gnosis, Alternative Modernities, and Postcolonial Futures," at the international colloquium on "Completing the Global Renaissance: the Indic Contributions," Menla Centre and Columbia University, New York, 24-29 July 2002.
- "Indian Anglophony, Diasporan Polycentricism, and Postcolonial Futures" at the international conference on "Peripheral Centres, Central Peripheries: Anglophone India and Its Diasporas," University of Saarbrücken, Saarbrücken, Germany, 30 August 2002.
- Chaired a session and gave a reading at the international conference on "Peripheral Centres, Central Peripheries: Anglophone India and Its Diaspora(s)," University of Saarbrücken, Saarbrücken, Germany, 29-31 August 2002.
- Participant in the planning workshop on the China-India Inter-cultural Dialogue, 2 September 2002.
- "Asian Identities, Postcolonial Futures, and Bombay Dreams," keynote address at the international conference on "Cultural Flows in a Globalizing Asia," Monash University, Clayton, Australia, 29 November-1 December 2002.
- Featured Speaker in the Artists Workshop, World Social Forum, Porto Alegre, 24-28 January 2003.
- Invited participant and speaker in "Cross Cultural Dialogue Retrospective and Perspective," Peking University, 26-28 February 2003.

Navneet Sethi,

- "Rephrasing Disability: An Alternative View in T. Morrison's The Bluest Eye at Wilfred Laurier University in Nov. 2002 read out at Conference of Mid Atlantic Association.

Centre for Spanish Studies

Vasant G. Gadre and S.P. Ganguly,

- Visited Spanish teaching institutions in Valladolid (Spain) for an interaction with academics and an exchange of ideas, from July 9 to 15, 2002, on an invitation extended by the Chamber of Commerce, Valladolid.

Vasant G. Gadre

- Invited by the CASA ASIA (Barcelona, Spain) to deliver a lecture on "La India contemporanea y su lenguaje politico" (Contemporary India and its political discourse), July 16, 2002.

Anil Dhingra

- Seminar/Debate, Diario de Mallorca, Palma, Spain. Presentation : " La India de los contrastes". December 15, 2002, jointly organized by the University of Illes Ballears & Diaro de Mallorca.
- "Los estudios hispanicos en la India", University of Valladolid,

Spain, November 2002.

- "La condicion social de la mujer en la India", University Antonoma de Madrid, Spain, November 2002.

FACULTY PARTICIPATION IN CONFERENCES IN INDIA**Centre for Chinese & South-East Asian Studies****Priyadarsi Mukherji**

- "India-China Economic Cooperation: Challenges and Opportunities", 30 July 2002, PHD Chamber of Commerce and Industry, New Delhi. Paper: "Historio-Cultural Aspects of India-China Economic Cooperation."
- "Role of Women in Shaping Twentieth Century India and China: A Comparative View", 1 November 2002, University of Delhi, Delhi. Paper: "Women of Belles-Lettres and their Works in 20th Century China."
- "Xuan Zang and the Silk Route", 17-19 January 2003, Indira Gandhi National Centre for the Arts (IGNCA), New Delhi. Paper: "The Folkloristic Aspects of the Characters in the Novel (Journey to the West)."
- "The Fifth International Conference on Hispanism and Luso-Brazilian Studies", 24-26 March 2003, Embassy of Spain and JNU, New Delhi. Paper: "Symbolisms in Nicolas Guillen's Verses on China."

M. Bhattacharya

- Participated the International seminar on "Xuan Zang and the Silk Route" as an observer held on the 17 - 19 January, 2003 at the IGNCA, New Delhi.
- Participated the 5th Asian Security Conference, 2003 organised by Institute of Defence Studies and Analyses, New Delhi, held on 27 - 29 January, 2003 at India Habitat Centre.

S. Mitra

- Presented a paper at the National Seminar on Gender Discrimination Empowerment of Women, organised by Department of Political Science, Government Post-graduate College, Nahan (H.P.), on April 14, 2002.
- Presented a paper at the Second National Workshop on China, organised by Institute of Chinese Studies, on January 15, 2003.
- Organised a workshop on Chinese Literature in Comparative Perspective held on December 02, 2002, under the aegis of Institute of Chinese Studies, New Delhi.

D. S. Rawat

- Participated in the 5th Asian Security Conference organised by the Institute for Defence Studies and Analyses from 27.1.2003 to 29.1.2003 at the India Habitat Centre, New Delhi.

Hemant Kumar Adlakha

- Participated in International Seminar on Local Governance In india and China: Rural Development and Social Change, jointly organised by Institute for Chinese Studies, Delhi; Institute of Sociology, Beijing University, China; Institute for Social Sciences, New Delhi; Institute for Chinese Studies, UCLA, America. 5-8 January, Kolkata.

- Participated the 5th Asian Security Conference: Asian Security & China in the period 2000-2010. 27-29 January, 2003, New Delhi.
- Participated in International Conference on ' Okatura Tenshin: Exploring Art, Nationalism and Pan-Asianism', jointly organised by Institute for Chinese Studies and IIC, 13-14 December, 2002.
- Presented a paper on the political content of the Chinese Communist Party's 16th National Party Congress in a round table meet at the Centre for Policy Research, 23 November, 2002, New Delhi.
- Presented a paper on the 16th National Party Congress of the CPC at the Institute for Chinese Studies, Delhi. 26 November, 2002.

Centre for French & Francophone Studies

Shantha Ramakrishna

- VI Biennial International Conference on Comparative Literature, 6-8 January, 2003, CIL, Mysore & Clai, New Delhi. (Paper presented: Negotiating Linguistic and Literary Identities: Indian Scene).
- III Asia-Pacific & XIX IACS International Conference on Globalisation and Consumerism, Canadian Studies in the Asia-Pacific Context, 9-13 January, 2003, University of Mysore. (Paper presented: Preserving Creative Diversity in an era of Globalisation and Consumerism: Indian and Canadian Perspectives).

Abhijit Karkun

- III Asia-Pacific & XIX IACS International Conference on Globalisation & Consumerism, 9-13 January, 2003, University of Mysore, Mysore
- Talks by Henri Godard on Celine & Prof. Beigbeder on Henri Michaux, Centre for French & Francophone Studies 11 March, 2003.

Ashish Agnihotri

- " Jean-Luc Raharimanana : entre chaos et cosmos " in IIIrd International Congress on Francophonie Littéraire : Unité, Diversité, Identité, 13 - 17 December 2002. Organisers: Association of Indian Teachers of French, CIEFL & Hyderabad University in Hyderabad.
- " The Return to the Oral Tradition in the Age of Industrialisation: Sergei Eisenstein's Battleship Potemkin " in the Seminar titled Literature and Industry: From the printed text to the hypertext, 27 February - 1 March 2003. Organisers: Dept of Germanic & Romance Studies, University of Delhi, New Delhi.
- " A Return to the Song & Dance: Artaud and the Theatre of the Absurd ", Lecture in the Centre for English & Linguistics, SLL&CS, JNU on 29 January, 2003.
- "A Return to the Song & Dance: Genet and the Theatre of the Absurd ", Lecture in the Centre for English & Linguistics, SLL&CS, JNU on 5 February, 2003.

Centre for German Studies

Anil Bhatti

- Commemorating Adorno Philosophy in difficult times. A workshop on Theodor W. Adorno (1903-1969), on 12 March, 2003.
- Participation in the Seminar Literature and Industry. From the printed text to the hypertext, 27 March - 1 April 2003, .Department of Germanic & Romance Studies, Arts Faculty Delhi University. Chairman of a Session.

Arijit Dakshi

- (Guest Lecturer): Adorno & the Holocaust discussion, Theodor W. Adorno (1903-1969), on 12 March, 2003. JNU.

Kavita Bhatia

- (Part time teacher) , Participation in the Seminar Literature and Industry: From the printed text to the hypertext, 27 March - 1 April 2003 , Department of Germanic and Romance Studies, Arts faculty, Delhi University.

Pramod Talgeri

- Inaugural Address: UGC Refresher Course on Introduction to Studies in ELT, Lucknow, 25 April 2002
- Inaugural Address: "Multiculturalism, Language Growth and Identity Formation" in International Conference of Francophone Studies, CIEFL, Hyderabad, 13 December, 2002.
- Keynote address at the Inaugural Session: "Language, Cultural Consciousness and Nation Building - The European Experiment " All India Conference of Teachers of German; Diu
- UGC Refresher Course in German (conducted course on Intercultural Hermeneutics as Resource Person): CIEFL 6 - 8 January, 2003.
- "Dialectics of Enlightenment" Seminar organized by Centre of German Studies: Theodor W. Adorno (1903-1969), on 12 March, 2003. JNU.
- UGC National Conference in association with AIS College for Girls, Pune: "English in Indian Contexts". Keynote Address: "The ambivalent Status of English in India" 27 - 28 February 2003.

Centre of Indian Languages

Naseer Ahmad Khan

- "Nai -Purane Chiragh" Delhi Urdu Academy , Delhi
- "Urdu Criticism,Urdu Fiction & Urdu Poetry", Delhi Urdu Academy, Delhi

Mohd. Shahid Husain

- Jashn-E-Sadsalaa Anjuman Taraqqi Urdu, held on 28 February - 3 March 2003.
- "National Seminar on Urdu Journalism Training needs and Prospects" held on 24 March 2003.

Vir Bharat Talwar

- On Nav-Jagaran ke Sangathan aur Sanstharey: Hans Varshik Goshthi, New Delhi-31 July, 2002.

Devendra Kr. Choubey

- Participated in a International Conference in India and Presented a Seminar Paper On 'Social Identities of Literature and the Views of Hindi Writers about Japanese Literature', Organised by Department of Chinese & Japanese Studies, University of Delhi, Delhi and Sponsored by Japan Foundation on 26-27 October 2002 at New Delhi.

Centre for Japanese and North East Asian Studies

Sushama Jain

- Discussant in India-Japan Seminar on "Fifty years of Indo-Japanese Relations" held by ICSSR, 9-11 January, 2003, ICSSR, New Delhi.
- Presented a report in Bilateral Seminar "India Japan Cooperation In Education for Global Partnership", held by MOSAI and Association of International Education, Japan, 7-8 November, 2002, India Habitat Centre, New Delhi.
- Participant, convenor Academic Committee , in Workshop "Developing Model Curricular for Japanese Language Teaching in India.", held by Japanese Language Teachers Association of India on 17-21 December, 2002, New Delhi.

Rajendra Tomar

- Presented paper entitled 'Indian Reflections in Nihongi' at the International Indo-Japan Conference on "Enduring Ties between India and Japan through Literature: Its History and future Prospects" organised by Department of Chinese and Japanese Studies, University of Delhi at India Habitat Centre, New Delhi, 26-27 December, 2002.
- Prepared Course Structure for "Part-time Intensive Course in Japanese" at the All India JALTAI Workshop organised by Japanese Language Teachers Association of India at Nehru Yuva Kendra, New Delhi, December, 2002.

Manjushree Chauhan

- Presented paper entitled "Indian Folktales in Japanese Folk-literature in India - Historical background and future prospects". at the International Indo-Japan Conference on "Enduring Ties between India and Japan through Literature: Its History and future Prospects" organised by Department of Chinese and Japanese Studies, University of Delhi at India Habitat Centre, New Delhi, 26-27 December, 2002.
- Prepared Correspondence Course structure for Distance Learning in Japanese" at the JALTAI Workshop organised by Japanese Language Teachers Association of India at Nehru Yuva Kendra, New Delhi, December, 2002.

Prem Motwani

- Literature and social change in Meiji Japan-Natsume Soseki and Nori Ogai - A paper read at the Indo Japan Conference on enduring Ties between India and Japan through literature: its history and future prospects Oct. 26-27, 2002 (sponsored by Japan Foundation and organized by the University of Delhi, Delhi)
- Attended a Symposium on "Indo-Japan 21st Century" Fostering further mutual understanding held on December 17, 2002 at Tal Mahal Hotel, New Delhi.
- Umezawa Nobuyoshi: The Winning Formula - Marketing Initiating products, sterling Publishers, New Delhi, 2003 (Translated from Japanese)
- Yamada Mami:, The Black Umbrella (To be published) in England shortly. (A fiction work translated from Japanese)

Anita Khanna

- "The Concept of the other world as portrayed in Jataka Stories", 4th Joint Seminar at Nichibun Ken, Kyoto on 14 June, 2002
- Attended the Conference, "Enduring ties between India and Japan through Literature in October 2002, for three days at India Habitat Centre and presented two papers.
- Attended five days workshop-cum Seminar on "Model Curricula for teaching Japanese in India" held in November 2002 and presented a paper jointly.
- Participated in India-Japan Seminar on "Fifty years of India-Japanese Relations" held by ICSSR on 9-11 January, 2003, ICSSR, New Delhi and acted as a Discussant in the session on Japanese Literature on 10 January, 2003.
- Japanese Embassy in "Sangan" - Publication of brought out to commemorate fifty years of Indo-Japan Diplomatic relations, New Delhi, October, 2002.

Neera Kongari

- Participated in the five day Workshop-cum-Seminar on Model Curricula for teaching Japanese in December 17-21, 2002, held by the Japanese Language Teachers Association.
- Mr. Ashok K. Chawla, Masako Mitra, Ed. Proceedings of the seminar "Japanese Language Learning in India: Teach Methodology and The Issues, JALTAI, 2002:

Centre of Linguistics & English

Kapil Kapoor

- Philosophy of Natyasastra, Keynote address at The National Seminar on Philosophy of Dramatic Arts (sponsored by ICPR), India International Center, New Delhi, April 6, 2002.
- Value System in Sanskrit Scientific Thought, Plenary address at the National Seminar on Sanskrit Scientific Literature (sponsored by ICSSR), India Habitat Centre, New Delhi, April 13, 2002.
- Panini's Astadhyayi and Computational Possibilities. Invited lecture at Rashtriya Sanskrit Vidyapeetha, Tirupati. September 27, 2002.

- Indian 19th Century 'Renaissance'. Keynote address at Saurashtra University, Department of English and Comparative Literature. January 29, 2003.
- Indian Diasporic Consciousness. Keynote address at the International seminar on Indian Diaspora at North Gujarat University, Patan, February 2, 2003.

S.K. Sareen

- "Images of Sorrow in Aboriginal Poetry: the Australian Experience", IACLALS Annual Conference on "Postcolonial Literatures: Poetics, Politics, and Praxis", 23-25 January, 2003, JNU.

Makarand Paranjape

- "Natyotpatti: The Origin of Drama" at the ICPR seminar on Value Education and the Dramatic Arts, India International Centre, 5 April 2002.
- "Svadhyaaya and Development" at the one-day conference on "Spirituality and Development," Ford Foundation, New Delhi, 23 September 2002.
- Presented a paper, "Bombay Dreams and Realities: Bollywood and Postcolonial Futures," and chaired a session at a conference on "21st Century Reality: Language, Culture and Technology," organized by the Mahatma Gandhi International Hindi University and the Central Institute of Indian Languages, 28-30 October 2002, India International Centre, New Delhi.
- Chaired a session in the National Seminar on Travel Writing, organized by the Goa Kala Academy and the Sahitya Akademi, Goa, 12 December 2002.
- Inaugural Address on "Reworlding the Home: Colonialism, Culture, and Change," and chaired a session at the national conference on "Home and the World: Literary and Cultural Encounters in Colonial and Postcolonial India," Calcutta University, Calcutta, 17-18 December 2002.
- Guest of honour, chair of a session and valedictory speaker at an international seminar on "Indian Diasporic Experience: History, Culture and Identity," North Gujarat University, Patan, 20-22 December 2002.
- Chaired the Prof. R. N. Srivastava Memorial Lecture delivered by Professor Braj B. Kachru at the Department of Linguistics, Delhi University, 14 February 2003.
- "The Reluctant Guru: R. K. Naryan and The Guide." First Harendralal Basak Memorial Lecture, Presidency College, Calcutta, 22 February 2003.
- "Interrogating Indian Post-Nationalism: Culture, Citizenship and Global Futures," on "The Philosophy of Value Education," organized by the International Forum on India's Heritage and Sri Sri Sitaramdas Omkarnath Samskrita Siksha Samsad in association with IAS, ICPR, and ICHR, Jadavpur University, Calcutta, 22-23 February 2003.
- "The Renaissance in India," Lakhani Memorial Lecture at Saurashtra University, Rajkot, 20 March 2003.

G.J.V. Prasad

- Chaired a session on Writings from the Margins at IIC organised by Katha, Feb. 2003.

Franson Manjali

- "Adorno and Deconstruction," invited paper presented at the Theodor W. Adorno Commemorative Workshop organized by the Centre of German Studies, Jawaharlal Nehru University, New Delhi. March, 2003.
- Post-colonialism and Post-modernism: Dilemmas," invited paper presented at the ICSSR National Conference of Post-Colonialism: Theories and Dilemmas organized by the School of Social Sciences, Mahatma Gandhi University, Kottayam. February, 2003.
- "Time, Discourse and Trans-culturality," invited paper presented at the International Conference on Universal Knowledge and Language organized by the Indian Institute of Technology, Bombay, at Goa. November, 2002.

Group of Philosophy

R.P.Singh

- National Seminar on "Philosophy of Indian Dramatic Arts and Value Education" 6 April to 8 2002, organized by ICPR and IFIH (International Forum for Indian Heritage)
- National Seminar on " Indian Culture in the emerging Global order: Challenges and possibilities", organized by SITA, 20-21 April 2002.
- Symposium on " Germination and legitimation of Science" , organized by ICPR, on May 29, 2002.
- National Seminar on "Minority Religion" , organized by CSC, June 26-28, 2002.
- National Seminar on "Applied Ethics", organized by DIVA , July 26-28, 2002.
- National Seminar on " Philosophy and History: Modes of Value Seeking", organized by CSC, ICPR 30 July 2002.
- Symposium on " Language, grammar and Linguistics in Indian Tradition" , 26 August, 2002.
- National Lecture on " Dewey's Central Insight", organized by ICPR, 24 Sept. 2002.
- National Workshop on "Navya-Nyaya", organized by Centre for Sanskrit Studies, JNU, 8 Oct. 2002
- National Lecture on "Consciousness" by Professor Casati, organized by ICPR, 22 October, 2002.
- National Lecture on " Ethics without Metaphysics" by Prof. Hilary Putnam, organized by CSC 7 October, 2002.
- National Lecture on " Working Scientists Experience with the YogaVasistha", organized by CSC 23 November, 2002.
- Symposium on " Construction of Indian Identity: New Challenges and Orientations on 24 Dec. organized by ICPR/CSC.
- National Lecture on "Critical Rationalism" by Prof. David Miller, organized by Department of Philosophy, Delhi University, 23 December, 2002.
- International Symposium on " Unity of Mind, Science, Spirituality and the Future Society, organized by Indian Institute of Advanced Studies, Shimla in collaboration with ICPR, 5 - 6 Jan. 2003
- Symposium on " Schopenhauer" , organized by CSC, 23 January, 03.
- National Seminar on "Hinduism" , organized by CSC, Feb. 24-26, 2003.
- National Seminar on "Swami Dayananda Saraswati" , organized by CSC, 28 Feb. to 1 March 2003.
- National Workshop on "Commemorating Ardono" and contributed a paper on "Adorno's Critique of Kant and Hegel", organized by CGS, SLL&CS, on 12 March, 03
- International Conference on "Indian Philosophy, Science and Culture", organized by ICPR, 29 March to 1 April 2003.

Centre of Russian Studies

Varyam Singh

- Keynote address at Workshop "Translating Bunin" organised by Department of Russian, CIEFL, Hyderabad, 18-21 Sept., 2002.
- Speaker at a function to commemorate 100th Birth Anniversary of eminent Russian Orientalist Yuri Roerich organised by International Roerich Trust and International Academy of Indian Culture, New Delhi August 16, 2002.

R. Kumar

- National Seminar on Minority and Human Rights in Bangladesh, August 30-31, 2002, New Delhi.
- National Seminar on Role of Bangladesh in Insurgency in North-East , January 29-30, 2003, New Delhi.

Centre for Spanish Studies

S. P. Ganguly

- "La recepción de Nehru en la prensa española de los resenta" in the V International Conference on Hispanism and Luso-Brazilian Studies : Flashbacks and Projections, held in India (New Delhi) 24-26 March 2003.

Rajiv Saxena

- La enseñanza del español como L/E en el contexto multilingüe de la India., V International Conference on Hispanism & Luso-Brazilian Studies : Flashbacks and Projects from the Present : A Collage, India (New Delhi), 24-26 March 2003.

FACULTY LECTURES OUTSIDE JNU

Centre for French & Francophone Studies

Shantha Ramakrishna

- Multiculturalism & Multilingualism in Canada - A background presentation, National, workshop for P. G. Students and Research Scholars Gurukul Kangri University, 3-7 March, 2003, Haridwar.

Centre for German Studies

Anil Bhatti

- Participation in the Seminar Literature and Industry. From the printed text to the hypertext, 27 March - 1 April 2003, .Department of Germanic & Romance Studies, Arts Faculty Delhi University. Chairman of a Session.

Kavita Bhatia

- Participation in the Seminar Literature and Industry: From the printed text to the hypertext, 27 March 1 April, 2003, Department of Germanic and Romance Studies, Art Faculty, Delhi University.

Centre of Indian Languages

Manager Pandey

- Aaj Ka Samay Aur Kabir, Maharashtra Sanskrit Kendra, Mumbai, 28 April 2002.
- Hindi Navjagran Ka Mahtav, MP Sahitya Prashid Bhopal, 19 October, 2002.
- Bhumandlikaran Aur Sahitya Ka Sankat, Devi Shankar Awasthi Smarti Vyaykhan, Allahabad 9 November, 2002.
- Sahitya Aur Marxvadi Aalochana Drishti, Acharya Ramchandra Shukla Sahitya Shodh Sansthan, Varanasi, 10 November, 2002.
- Sahitya Mein Stri Vimarsh, Punshcharya Patyakaram Ka Udhghatan Bhashan, Allahabad University, 10 Dec. 2002.
- Bhumandlikaran, Sanskritik Rashtryavad Aur Sahitya, Hindi Punashcharya Patyakaram, Gorakhpur University, 12-13 December 2002.
- Bhartendu Aur Bhartiya Navjagran, Hindi Punashcharya Patyakaram, Punjab University, Chandigarh, 16 Dec. 2002.
- Uttrashati Ka Hindi Sahitya, Hindi Punashcharya Patyakaram Samapan Bhashan, Marathwara University, Aurangabad, 24 Dec. 2002
- Bhakti Andolan Ka Sanskritik Mahtav, Hindi Deptt. Jamia Millia Islamia, New Delhi, 4 March 2003.
- Sahiya Aur Mulya Chetna, Hindi Punashcharya Patyakaram, Delhi University, Delhi, 28 March, 2003.

Naseer Ahmad Khan

- Delivered a lecture on "Urdu Criticism of Progressive Movement & Urdu Literature" organized by Progressive Writers Association, Delhi
- "Urdu Fiction", Academic Staff College, J.M.I. ,N.Delhi
- Iqbal & Humanism, Sanjhi Virasat, Sahitya Akademi, New Delhi.

Purushottam Agrawal

- Orientation lecture at the National School of Drama, New Delhi - 'The ways of Seeing' -Aug. 3, 2002.
- Lecture to participate of Orientation Course Organised by Academic Staff College, Jamia Millia Islamia, New Delhi - 'The idea of literature' Dec. 23, 2002.
- Lectures to the students of M.A. (Hindi)and M.A.(Ahinssa) programmes, Mahatma Gandhi Antrashtriyi Hindi Vishva Vidyalaya (MGAHV) Wardha - March 7-12, 2003.

Mohd. Shahid Husain

- Delivered a lecture in Gorakhpur University, Gorakhpur; as a Resource person for "Teacher's Training Programme". On 22 February 2003.

Devendra Kr. Choubey

- Academic Staff College, JMI, New Delhi on 'New Hindi Literature: Dalit Writing' on 28 August 2002.

Jyotisar Sharma

- At Fr. Agnal School, Gautam Nagar, New Delhi. Aug. 14,2002

Om Prakash Singh

- Delivered a lecture in Hindi Department, Kashi Vidyapeeth, Varanasi on 2 Jan. 2003 "Arambhik Hindi Alochana Ke Swarup".

Centre of Linguistics & English**S.K. Sareen**

- Two lectures at Academic Staff College, Kurukshetra University, on "Australian Poetry and South Asian Love Poetry".

Makarand Paranjape

- Special plenary talk on "Dharma and Communalism" at the Pipal Tree Workshop on Communal Harmony, Fireflies Ashram, Bangalore, 4-6 October 2002.
- "Indian English Literature vs. Bhasha Literature." Special invited public lecture as a part of the National Book Trust North East Book Festival, Duliagan, Assam, 8 November 2002.
- Two lectures on "Literary Theory after Structuralism" and "Postcolonial Theory" at the Academic Staff College, Jamia Millia Islamia, 14 November 2002.
- Short talk as Guest of Honour at Renaissance Artists' and Writers' Association (RAWA) musical and dance drama, Kamani Auditorium, New Delhi, 16 November 2002.
- Invited participant in "Russia and India: Dialogue of Civilizations in a Globalizing World," 6 February 2003, Le Meridian Hotel, New Delhi.
- Inaugural Address at the UGC Refresher Course on "Teaching Literature Today," Panjab University, Chandigarh, 20 February 2003.
- Lecture series: "Savitri: The Epic of Consciousness," at Sri Aurobindo Ashram, Delhi Branch, on the 1st Sunday of each month.

P.K.S. Pandey,

- "English Phonology" lectures delivered at a Refresher Course, CIEFL, Lucknow Campus, 7-8 January 2003.

G.J.V. Prasad

- Delivered lectures at Academic Staff College, Jamia Milia, Nov. 2002, on Indian English Literature.

Franson Manjali

- "Jean-Luc Nancy: From Being to Being-in-Common," at French Information Research Centre, New Delhi, February, 2003.

Centre of Russian Studies**Meeta Narain,**

- Delivered a lecture in the 'Lecture Series on Russian Culture and Civilisation' at Department of English and Modern European Languages, Jamia Millia Islamia, New Delhi, 23 September, 2002. The topic was 'Changes in the Vocabulary of the Russian Language'.
- Delivered a lecture at Department of German/Russian University of Mumbai, Mumbai, 17 December 2002. The topic was 'New Techniques and Methods of Teaching Russian'.
- Delivered a lecture at Govt. Boys Senior Secondary School, Malviya Nagar, New Delhi, 27 January 2003. The topic was 'courses and Careers in Foreign Languages'.

VISITORS TO THE SCHOOL**Centre for Chinese & South East Asian Studies**

1. The Centre received a computer with Chinese software as a gift from H.E. Ambassador Hua Junduo of the Chinese Embassy. A ceremonial function was organised in the committee room of the SLL&CS on 18 Sept., 2002. Prof. Vasant Gadre, Dean, SLL&CS. H.E. Hua Junduo, Ambassador, PRC and Dr. M.Bhattacharya, the Chairperson, CCSEAS spoke on the occasion.
2. Prof. Yang Yi and Prof. Gao Jianping of the Institute of Literature, Chinese Academy of Social Sciences, PRC, who came to India under an invitation of ICSSR, New Delhi visited the Centre on 3 January 2003 and had a brief interaction with the faculty, Prof. Yang who is the Director of the Institute and also the Chief editor of Literary Review discussed various aspects of cultural and literary traditions of China. Prof. Gao, who has specialized in aesthetics, discussed briefly various issues relating to modern Chinese literature and the impact of globalization on Chinese literature.

Centre for French & Francophone Studies

1. Prof. Sherry Simon, Concordia University
2. Pascal Bruckner, Eminent Intellectual of Contemporary France, Novelist, Essayist & Media Person.
3. Henri Godard, Editor of La Pleiade Volumes on Celine and Malraux.
4. Yves Beigbeder, Expert on Malraux & India, Professur Des Universite's.

Centre for German Studies

1. Professor Dr. Benno Teschko: University of Swansca, Wales, Great Britain, 16 April, 2002.
2. Mr. Walter Schweppe : (MMB), Workshop on literary translation (German Poetry) 30 October, 2002.
3. Ms. Lilian Faschinger: a renowned Austrian Writer, Reading from her work 28 January, 2003.
4. Prof. Dr. H. Eggert: F.U. Berlin, Germany, Lecture 25 February, 2003.
5. Dr. Kathleen Kerr: University of Sunderland, U.K., Lecture on Adorno 26 February, 2003.
6. Prof. Dr. Manfred Stassen: DAAD, Bonn, Germany, Lecture Adorno 26 February, 2003.
7. Prof. Martin Bollacher: University of Bochum, Germany, Lecture on World Literature 6 March, 2003.
8. Dr. Heinrich Blömeke: Director, MMB, New Delhi to discuss academic exchange 12 March, 2003.
9. Dr. Romit Roy: Shantiniketan, West Bengal, India, Lecture Adorno workshop 12 March, 2003.
10. Dr. Abhay Kr. Mishra: BHU, Varanasi, Lecture Adorno workshop 12 March 2003.

11. Dr. S. Majumdar: Delhi Univerity, Participation, Adorno workshop 12 March 2003
12. Prof. Namwar Singh: JNU, Adorno and Hindi Literature, Adorno workshop 12 March 2003
13. Prof. Manager Pandey: JNU, Adorno and Hindi Literature, Adorno workshop 12 March 2003
14. Prof. G.P. Deshpande: JNU, Adorno and Indian Literature workshop 12 March 2003

Centre for Japanese and Noth East Asian Studies

1. Series of lecture by Prof. Takahashi on "Post War and Modern Japanese Literature." 4,9,11 and 18 October, 2002.
2. Prof. S.K. Chaudhary visited the Centre on 5, 9 and 10 December, 2002 to deliver lectures on "Indian deities in Japanese Linguistic".
3. Mr. Yoshiaki Dida from Gakugei University, Tokyo from February 6, 2003 to May 4, 2003. delivered lectures to post graduate students on Modern Japanese Literature.
4. Dr. Ahn Jeong-Leon visited the Centre on 13 February, 2003 to deliver lecture on "New Generations Korea".
5. A speical lecture cum demonstration of Korean ' Kimchi' making and Korean tea ceremony was held by a Korean National to the students of Korean Language Programme of the Centre.
6. Students and teachers from the Osaka University of Foreign Studies staged a drama in Hindi on 28 March, 2003.

Centre of Linguistics & English

1. Prof. R.C. Sharma two lectures on Theories of Brain and Language 23 April & 30 April, 2002
2. Dr. Ulrike Zeshan one lecture on Research on Indian sign Language - Perspectives for the Future 25 September, 2002.
3. Prof. Roy Harris one lecture on Integrationism, Time and Language 29 October, 2002
4. Prof. K.K. Bhardwaj one lecture on Artificial Intelligence and Neural Network 21 Nov., 2002
5. 5 February, 2003 Prof. Martina Ghosh-Schellhorn one lecture on Living Within Cultures: Transcultural Identity.
6. Prof. Chandani Lokuge one lecture on The Indo-British Encounter in Early Indian English Women's Texts, 5 February, 2003
7. Poetry Reading Session by Dr. Karan Singh, 11 February, 2003
8. Peter Carey and Kim Scott gave talks/read from their writings 11 February, 2003
9. Earl Charters one lecture and performance on The Hoop Dance, 11 Februray, 2003
10. Dr. Rama Pandit two lectures on Different types of communication disorders 6 March and 11 March, 2003
11. S.S. Sharma three lectures on The Tradition of Literary Criticism in Canada, 11, 22 and 25 March, 2003.

Group of Philosophy

1. Dr. Saral Jhingran, ex. Res. Scientist "B" "Introduction to Indian Philosophy", on 27 Aug. 2002.
2. Dr. Saral Jhingran, ex. Res. Scientist "B" "Advaita Vedanta", on 11 September, 2002
3. Prof. V.N.Jha, Lecture on "Basic Features of Indian Philosophy", Centre for Sanskrit Studies, JNU, 18 September, 2002
4. Prof. Balram Singh, Massachusutis University, Boston, USA, Lecture on " Science and Philosophy in India", Organized by Group of Philosophy, SLL&CS, JNU, 2 January, 2003.

5. Prof. V.N.Jha, Lecture on "Indian Materialism, Realism and Idealism", Centre for Sanskrit Studies, JNU, 29 January, 2003.

Centre of Russian Studies

1. Ms. Naera Shovgaryan, a Russian Research Scholar, delivered a lecture on the topic 'Armenia in India - Ancient Contact' on April 11, 2002.
2. Ms. Tatyana Bykova, a Russian Scholar, delivered a lecture on the Topic 'Indology in St. Petersburg University, on August 12, 2002.
3. Ms. Svetlana Kravtsova, a Russian Scholar. delivered a lecture on the topic 'Changes taking place in contemporary Russia 'on January 16, 2003.
4. Mr. Y.I. Makarov, Chief, Information and Culture Section, Russian Centre of Science & Culture ,New Delhi, visited the Centre on January 23, 2003 and interacted with the faculty of the Centre.
5. A high power delegation led by Ms. N.G. Eliseeva, Chairperson, Board of Directors, St. Petersburg Association for International Cooperation, St. Petersburg, visited the Centre and spoke about the Rich `Culture and Literary Heritage of St. Petersburg, March 7, 2003.

SEMINARS/CONFERENCES ORGANISED BY THE SCHOOL

Centre for Chinese & South East Asian Studies

1. A special Lecture Series 2003 was organised by the Centre during Winter Semester between February end and middle of April. The scholars from the Peoples Republic of China who were engaged in research in different Centres of Jawaharlal Nehru University delivered lectures on various topics as given below:
 1. Ms. Guo Suiyan : "Yunnan and its Contacts with India"
 2. Ms. Shen Kaiyan : "Shanghai - the Largest Metropolis of China"
 3. Mr. Mao Shichang : "Vicissitudes of Five Decades of New China"
 4. Ms. Ma Ling : "Education in Contemporary China"
 5. Mr. Jia Haitao : "5000 years of Chinese Civilization"
 6. Ms. Deng Lan : "Minority Ethnic Groups of China"

M. Bhattacharya

- A special lecture on "Lu Xun : an Introduction" delivered in September, 2002.

Centre for German Studies

Anil Bhatti

- Commemorating Adorno: Philosophy in difficult times. A workshop on Theodor W. Adorno (1903-1969), on 12 March, 2003.

Pramod Talgeri

- On the Dialectic of Enlightenment, Theodor W. Adorno (1903-1969), on 12 March, 2003.

Arijit Dakshi

- (Guest Lecturer): Adorno & the Holocaust discussion, Theodor W. Adorno (1903-1969), on 12 March, 2003.

Centre of Linguistics & English

1. A National Seminar was organised on Postcolonial Literatures: Politics, Poetics, and Praxis, (Jan. 23-25, 2003).
2. A five-day workshop-cum-seminar was organised on Sign Language & Sign Linguistics, (Jan. 27-31 , 2003) by Prof. Anne E. Baker from the University of Amsterdam.

Centre for Spanish Studies

The Centre organized the 5th International Conference on "Hispanism and Luso-Brazilian Studies: Flashbacks and Projections from the present" on March 24-26, 2003. Dr. Indrani Mukherjee was the Director of the Conference.

AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

Centre for Chinese & South-East Asian Studies

Priyadarsi Mukherji

- "China Cultural Research Fellowship", China State Education Commission, China, May-June 2002.

S. Mitra

- Short-term Scholarship Programme for Foreign Teachers of Chinese Language awarded by China Scholarship Council, Ministry of Education, People's Republic of China from July 9 to August 20, 2003, at Beijing Normal University, Beijing.

Hemant Kumar Adlakhia

- Awarded a ten-day fellowship to China to study and collect research material regarding the 16th National Party Congress of the Chinese Communist Party. Duration: 2-12 November, 2002.

Centre for German Studies

S. B. Sasalatti

- Appointed as Visiting Professor of German Linguistics and Didactics of German as a foreign language by the Gerhard Mercator University Duisburg, Germany from 6 Jan. 2002 to 5 July 2002.

Centre of Indian Languages

Manjari Pandey

- Aalochana Samman, Ram Chandra Shukla Sahitya Shodh Sansthan, Varanasi, 10 Nov., 2002 (National Award)

Jyotisar Sharma

- Research Scientist 'C' (Professor) from 9 Jan. 2002.

Centre for Japanese and North East Asian Studies

P.A. George

- 12th MIYAZAWA KENJI SHOREISHO AWARD (12 Miyazawa Kenji Award for Young Scholars) from Hanamaki City Government, Iwate, Japan., 21st September 2002
- Post Doctoral Research Fellowship granted by the Japan Foundation, Tokyo, Japan.

Centre of Linguistics & English

Makarand Paranjape

- IFUSS International Fellow, University of Iowa, Iowa City, USA, April, 2002
- Mellon Fellow, Harry Ransom Humanities Research Centre, University of Texas at Austin, USA, June, 2002
- UGC Visiting Fellow at Saurashtra University, Rajkot 20-27 March, 2003.

Centre of Russian Studies

K.P.S. Unny

- Conferred Scroll of Honour by the Indian Scientific Translators Association, New Delhi for his Yeoman contribution to the promotion of scientific and technical translation in India on the occasion of International Translation Day

MEMBERSHIP OF BOARDS/COMMITTEES

Centre for Chinese & South-East Asian Studies

Priyadarsi Mukherji, Member, CASR, SLLCS, JNU, Sept.2000-August 2002; Member, Board of Studies, SLLCS, JNU, till date; Member, Academic Council, JNU, Sept.2000-August 2002; Member-Expert, Selection Committee for Chinese Language & Literature, Chinese Government Scholarship, HRD Ministry, Govt. of India, 26 April 2002 and Member-Expert, Selection Committee for Chinese Interpreter, RAW, Military Intelligence, GOI, 4 April 2002.

S. Mitra, Honorary Fellow of Institute of Chinese Studies, Centre for the Study of Developing Societies (CSDS), New Delhi, w.e.f. March 10, 2003.

Hemant Kumar Adlakha, Honorary Fellow, Institute of Chinese Studies, CSDS, Delhi, w.e.f. March 10,2003.

Centr for French & Francophone Studies

Shantha Ramakrishna, Member, BOS (French) Kurukshetra University, Kurukshetra,; Punjab University, Chandigarh; Himachal Pradesh University, Shimla and Member, Executive Committee, Indian Association of Canadian Studies.

Kiran Chaudhry, Member, BOS (French), Meerut University, Meerut and Member, Course Committee, CBSE Board.

Centre for German Studies

Anil Bhatti Corresponding Member of the Kuratorium, Europäisches Forum Alpbach.

Chitra Harshvardhan, Currently Member of the JNU Court and Currently Member of the Academic Council, JNU.

Pramod Talgeri Member of Board of Studies , SSS; Member of Centre for Arabic and African Studies, SLLCS; Member of Special Purchase committee of the Rector for Language Labs of SLLCS; Chairman, UGC 10th Plan Visiting Committee for University of Ahmedabad; Chairman, UGC 10th Plan Visiting Committee for Panjabi University; Member, UGC 10th Plan Visiting Committee for Visva Bharati, Shantiniketan; Visitor's Nominee for the selection committees of Nagaland University, Kohima; Visitor's Nominee for the selection committees of Tezpur University; UGC Nominee for the Selection Committees for the selection of Director, EMRC, Jamia Milia Islamia, New Delhi; Member of Finance Committee, University of Nagaland, Kohima and UGC Nominee on the selection committee to select Director Academic Staff College, Jamia Milia Islamia, New Delhi

Centre of Indian Languages

Manager Pandey, Board of Studies, Allahabad University, 2002; School Board of Humanites: IGNOU, New Delhi, 2002-2003; Empowered Committee appointed by V.C. Delhi University to re-structure B.A. (Hons.) Courses of D.U., 2002-03; Member of Jury of Hindi Award, Sahitya Akademi, New Delhi, 2002 and Member of Jury of Hindi Award, Madhya Pradesh Kala Parishad, 2002

Naseer Ahmad Khan, Member of the Board of Studies, Faculty of Arts, Jammu University, Jammu.; Member of the Selection Committee for Professorship of Panjab University, Chandigarh; Member of the Selection Committee of U.P. Higher Education Board, Allahabd and Member of the Selection Committee, Punjabi University, Patiala

Purushottam Agrawal, Member of the Course advisory Committee for M.A. (Ahinsa) programme of the MGAHV - Wardha.

Vir Bharat Talwar, Member of the Committee: BOS, SLL&CS/JNU.

S. M. Anwar Alam, Member Board of Studies, SLL&CS,JNU, New Delhi; Member Board of Examiner, Punjab University, Chandigarh; Member Board of Examiners, Chaudhary Charan Singh

University, Meerut, U.P.; Member Board of Examiners, Rohel Khand University, Brailly, U.P.; Member Board of Examiners, B.R. Ambedkar Bihar University, Muzaffarpur, Bihar; Member Board of Examiners B.P. Mandal University, Madhe Pura, Bihar and Member Research Committee, C.C.S. University, Merut, U.P.

Gobind Prasad, Member of the Raksha Utpadan Avam Apurti Hindi Smite, Govt. of India.

Centre of Linguistics & English

P.K.S. Pandey, Member, Board of Studies, in Linguistics, M. S. University of Baroda; Member, Board of Studies in Linguistics, Gujarat University, Ahmedabad and Member, Advisory Board, SAP in Linguistics, Annamalai University, Annamalai Nagar, Tamil Nadu.

Navneet Sethi, Membership of The Society for the Study of Multi-Ethnic Literatures of the United States

Centre of Russian Studies

R. Kumar, Member, Board of Studies in Modern & Ancient European Languages & Literature, M.S. University, Baroda, Gujarat, since 2002.

Varyam Singh, Member, Board of Studies, Ch. Charan Singh University, Meerut; Member, Board of Studies, Guru Nanak Dev University, Amritsar and Member, Board of Studies, Bombay University, Bombay.

Meeta Narain, Member, Board of Studies, SLL&CS, JNU.

Centre for Spanish Studies

Vasant G. Gadre, Nominated to chair UGC's Advisory Standing Committee on Area Studies' Programmes in December 2002 and Nominated member of the Executive Committee of NAAC, Bangalore, in February, 2003

ACHIEVEMENTS OF THE STUDENTS

Centre for Chinese & South East Asian Studies

1. The students of the Centre organised Spring Festival of China (traditional Chinese New Year) on 20 February, 2003 in the auditorium of the School of Arts and Aesthetics. The students of all batches from 1st year to 5th year presented colourful and varied performances: dances, Chinese folk dances and songs. Apart from students and teachers of the Centre, the Dean SLL&CS, officials of the embassy of the PRC and the Chinese students studying in JNU also participated the function. The artists from China also performed Indian and Chinese dances.

Centre for French & Francophone Studies

1. Students of the CFFS won the trophy in the Annual Kallor Festival of SLL&CS.

Centre for Japanese and North East Asian Studies

1. Miss Tanushree Sandilya and Mr. Aditya Kumar, M.A. I Year Japanese have been awarded Japanese Government Scholarship w.e.f. October 2001 to September 2002 for one year.
2. Miss Geetika Talwar, M.A. IInd Year, Korean has been awarded Korean Government Scholarship w.e.f. September, 2002 to August, 2003.
3. Mr. Nissim Bedekar, Pre. Ph-D. Japanese was awarded Senior Japanese Government Scholarship from April 2002 to March, 2004.
4. The following are the names of the winners from CJNEAS/SLL&CS in All India Japanese Language Speech Contest:

Senior Group

Third Prize: Apoorva Agrahari

Junior Group

Second Prize: Deepika Kaushik

5. The following are the names of winners from CJNEAS/SLL&CS in All India Japanese Essay Contest:

Senior Group

- First Prize: Prasad Bakre, M.A. Ist year Japanese
Second Prize: Ira Sharma, M.A. IInd Year Japanese
Third Prize: Nisha Parmeshwaran, B.A.IIIrd Year Japanese

Junior Group

- First Prize: Imroz Alam, B.A. IInd year in Japanese
Second Prize: Vineet Jain, -do-
Third Prize: Deepika Kaushik

Kanji Contest

1. Imroz Alam, B.A. IInd year in Japanese
2. Apoorva Agrahari, B.A. IIIrd year in Japanese

Centre for Spanish Studies

1. Rafael Iruzubieta Award jointly given to Ms Shivani Kak and Ms Sunitee Singh, best M .A. students of the CSS on 28.3.2003 (Rs18,000/- + Citation).
2. Juhi Prasad Award: Given to Ms Neha Jha, student who obtained the highest CGPA at the end of B.A. (Hons) programme of Spanish.
3. Mr Prem Prakash, Ms Rama Paul and Ms Sunitee Singh, were awarded the Spanish Government Scholarships under the Indo-Spanish Cultural Exchange Programme.

ANY OTHER INFORMATION

Centre for Chinese & South-East Asian Studies

Priyadarsi Mukherji

- Delivered a Radio Interview to the China Radio International (Hindi) on "India-China Relations: Past, Present and Future", Beijing, 30 June 2002.

H.K. Adlakh

- Submitted Ph.D thesis on 23 October. Topic : Modernization and the State in Contemporary China : Search for a Distant Civil Society. Supervisor: G P Deshpande Member, UGC Expert Panel for JFR NET Question Paper Team in 2002.
- External Expert for Oral Chinese Examination, Banaras Hindu University 2002.

Centre for French & Francophone Studies

Shantha Ramakrishna,

- Edited Special issue of Rencontre AvesL'inde on Victor Hugo, Vol. 31, ICCR, New Delhi.
- UGC - Refresher Course- Jamia Milia University.

N. Kamala

- M.Mukundan's God's Mischief (tr. Prema Jayakumar) Pengun, Delhi, 2002 in The Book Review, Jan. 2003 and in The Hindu Literary Review, January 2003

Shoba Sivasankaran:

- French Translation of Short Story by Rajam Krishnan in Recontre Avec l'Inde, Vol. 31, No. 2, 2002, ICCR, N.Delhi

Ashish Agnihotri

- Proposed questions for the Entrance Examination 2003, JNU.
- Question paper setter for the Diploma of Proficiency Examination 2003, Department of Modern European Languages, Kurukshetra University; Haryana.
- 9th UGC Refresher Course for teachers of French, held in CIEFL, Hyderabad between 2 and 2 September, 2002.
- Outreach Programme in Modern Indian Theatre, organised by the School of Arts & Aesthetics, JNU, between 8 February and 15 March, 2003.

Abhijit Karkun

- Served as Physical Verification officer for the SLL & CS , JNU for the year 2002-2003
- Coordinator, Optional/ Tool Courses for SLL & CS students since December 2002.

Centre of Indian Languages**Gobind Prasad**

- 'Do hi Mison ke Darmiya Hai Kya Kya': Review on 'Ghazal Collection 'Intkhawab' in Swagat' April 2002.
- 'Khoon ka Shor Hain Kavitayen' : 16 July-Sept. 2002. By Mona Gulati
- 'Dharvi Tarangon Bhout si Hain Shesh': issue-2, Oct.-Dec.-2002. (Renew on Mera Ghar by Trilochan) Five Poems of Fahmeeda Riyaz Transliterated from Urdu in 'Vasudha' No. 56-57 Sept.-2002. An Interview with Urdu critic Prof. Shamim Hanfi, Sept. 2002.

Centre of Linguistics & English**Makarand Paranjape**

- Editor of a series of reprints of rare and out of print books to be brought out by the Sahitya Akademi, New Delhi.
- Member, English Advisory Board, Sahitya Akademi
- Trustee, Samvad India Foundation, a public charitable trust.
- Founding Editor of Evam: Forum on Indian Representations, a new multidisciplinary, international journal on Indian literature and culture.

GJV Prasad

- Coordinator of Remedial Programme in English, JNU
- Member, Expert Committee, Refresher Course 2002, Jamia Millia Islamia.

Group of Philosophy**Roy, Dutta, Sudipta**

- "Sabda Pramana in Samkhya", Journal of Indian Council of Philosophical Research, Vol.XIX, No.3, July-Sept, 2002.

Centre of Russian Studies**R. Kumar and Y.C. Bhatnagar**

- visited Moscow State University, Moscow, under the MOU between the JNU and the MSU during the period from June 24, 2002 to July 23, 2002. They had extensive discussions with the faculty of the Philological faculty of foreign languages of Moscow State University. R. Kumar also interacted with the Faculty of Foreign Languages of the Russian State Linguistics University.

Centre for Spanish Studies

Vasant G. Gadre

- Nominated Member of the U.G.C., May 2002
- Appointed Visitor's Nominee on the Selection Committees for appointment of faculty in the Banaras Hindu University, March 2003
- Appointed Visitor's Nominee on the Executive Council of the Mahatma Gandhi International Hindi University, March 2003

S. P. Ganguly

- Two lectures on "Dictatorship and Democracy in Latin America" and "The Debate on civilization Vs Barbarism in Latin America" November 2002, Academic Staff College, JNU.

Anil Dhingra

- Visited Universitat de les Illes Balears, Palma, Spain, as a Visiting Professor, October 2002 to December 2002.

Language Laboratory Complex (LLC)

The Language Laboratory Complex (LLC) of the School of Language, Literature and Culture Studies is one of the best developed and maintained complex of its kind in Asia. It has acquired the character of a prized possession of the University. It houses four Audio Active Language Labs., five Audio Visual Rooms (3 Audio Visual rooms are located in the old complex and two in the S.L. building) and an Auditorium with film projection facilities.

The LLC has excellent educational teaching material production facilities in the form of an Audio Studio with duplication facilities of audio and video tape, slides, grammophone records and film strips pertaining to various foreign languages are well preserved. The material is extensively utilized in the foreign language teaching programmes in the Language Labs and Audio Visual Rooms.

All the Language Labs Audio and Video software production equipment etc. have been received as gifts from various countries like Japan, Germany, Iran, Russia etc. The peripheral equipments have been locally procured. The entire equipment has been housed in an acoustically treated and centrally air-conditioned Language Labs Complex building. The LLC building is also equipped with a modern fire alarm system.

All the Language Labs and Audio Visual rooms are extensively used for teaching and research work. On an average a language lab./AV room/Video Projection room is used for about 30 hours per week. This year, these facilities were used for about 4000 hrs. Facilities of Conference system were also provided to various Schools, Departments, Centres of the University. Internet facilities were also provided to students and faculty members of the School both at LLC complex and at SLL&CS premises. The under mentioned materials equipment were purchased for the complex for the year 2002-2003

1. CD writer with combodrive	One
2. DVD Player	One
3. Digital voice recorders	Two
4. Automatic Slide Projector	One

A large number of visitors from Educational Institutes like Association of International Education, Japan, Poorvanchal University, Nepal, Jamia Millia Islamia, New Delhi, Lady Shri Ram College, New Delhi, SCERT, New Delhi, Laxman Public School, New Delhi, Amit International, New Delhi, A.N. College, Patna, Govt. Raja P.G. College, Rampur (UP), Govt. P.G. College, Gurgaon visited the complex. A sum of Rs. 800/- was earned by way of renting out the Auditorium of the complex.

7. School of Life Sciences (SLS)

The School of Life Sciences (SLS) came into existence during 1970-71. Since its inception, it has been a premier multi-disciplinary research and teaching department in the country. The School has followed innovative teaching and research programmes in different areas of modern biology. It has reputed research programmes on Plant Molecular Biology, Genetics, Cell & Molecular Biology, Neurobiology, Biochemistry, Immunology, Radiation and Photo-Biology, Cancer Biology, Microbiology etc. The future plans and projections of the School are to develop centralised facilities for studies on Neurobiology, Molecular Biophysics, Structural Biology, Genomics and Proteomics. Facilities for intensive research and teaching on genetic technologies (transgenomics, genetic variability etc.) involving plants, animals and microbes have to be strengthened. The School's Central Instruments Facility (CIF), which is providing the core support for research activities is unique of its kind.

The School during the period under the Report has been able to award M.Sc. Degree to 10 students and Ph.D Degree to 9 students. The faculty members have contributed chapters to books besides publication of articles/research papers in various International and National Journal of repute. Besides this, they have also participated in International/National Conferences/Seminars/Symposiums and also delivered lecture both in India and abroad on various aspects of Life Sciences and have been elected members on Boards, Executive Committees etc. of various institutions/Universities both in India and abroad. The School has organized a number of symposia including one by students.

THRUST AREAS AND PERSPECTIVE PLANS

Targeted ribozymes: The School has constructed targeted ribozymes for modulation of gene function in bacteria as well as in Mammalian cells and is in the phase of testing their possible applications in some real life situations.

Therapeutic potential of anti-TNF ribozyme in experimentally induced arthritis: Administration of TNF-targeting ribozyme in animals developing symptoms of arthritis (experimentally induced by injection of type II collagen) seems to hold promise in impeding the progression of the disease. The period over which this effect lasts is limited to 2 to 3 weeks. It will therefore be necessary to construct vectors to perpetuate the ribozyme effect.

Targeted ribozyme against telomerase and Bcl2: The School has constructed targeted ribozymes against two seemingly anti-apoptotic molecules viz. Bcl2 and human telomerase RNA to study their possible effect on transformed and immortalised cells. (supported by CSIR)

Constructing novel ribozymes: The School is developing PCR amplifiable library of random sequences of DNA that can be transcribed to generate RNA with random sequence. It is proposed to select from among these molecules, binders of chosen ligands and to test relevant catalytic activity of such RNAs (essentially following the protocols and strategies developed by Szostak).

Phytochemicals with medicinal value:

Effect of vanadium and Trigonella seed powder on alloxan-induced diabetes (in collaboration with Professor Najma Z. Baquer): Depletion of B cells of the pancreas upon alloxan treatment results in a diabetic condition in rats and progresses like insulin-dependent diabetes melitus (IDDM). This serves as a animal model for testing hypoglycemic drugs for use in diabetes. Enzymatic profiles of animals showed elevation of glucose-6-phosphatase and fructose-1,6-bisphosphatase, while hexokinase isozymes, phospho-fructokinase, glucose-6-phosphate dehydrogenase and malic enzyme declined in diabetes. Administration of Trigonella powder and/or vanadium resulted in gradual restoration of normal levels of these enzymes as well as glucose in the experimental animals. Northern blots also confirmed the observations with respect to expression of glucose-6-phosphatase and fructose-1,6-bisphosphatase.

Effect of chosen plant extracts on experimentally-induced papillomas (in collaboration with Professor A. Ramesh Rao): Carcinogenesis gains in probability with increasing oxidative stress and specific carcinogenic factors in the environment. Many plants have constituents that either inactivate or sequester these factors and seem to prevent the development of cancer. The influence of phytochemicals on progression of cancer can be monitored in experimental skin papillomas (caused by topical applications of the carcinogen) and stomach carcinoma by oral administration of the carcinogen. Co-administration of plant extracts with potential anti-cancer ingredients are expected to affect the occurrence of papillomas. Considerable preventive effects are observed with extracts from *Spirulina platensis* (a cyanobacterium), curry leaf, basil leaf (*Oscimum basilicum*), Lawsonia and neem (*Azadirachta indica*). This is accompanied by parallel modulation of activities of marker enzymes for phase I and phase II of progression of cancer. (un-sponsored)

Measles virus reverse genetics: Constructing measles virus pseudotypes incorporating heterologous peptides: The school is employing a reverse genetics approach to rescue measles virus pseudotypes with heterologous peptides to acquire a corresponding tropism and may later be adopted for development of targeted delivery vehicles. As a test case, The School is constructing measles virus pseudotypes displaying CD4 molecules on their surface so that HIV-infected cells exhibiting gp160 on their surface mediate infection by this virus. (supported by UGC and DST). The School is also generating in-frame fusion with MV-H gene of heterologous peptides for selection of possible tumor-homing constructs.

NATURE OF COLLABORATIVE ARRANGEMENTS OF SCHOOL

A Ph.D. student Mr Ravindra Kumar has been sent to the Laboratory of Dr Ms Linda Klenau of Uppsala University to undertake animal experiments involving collagen-induced arthritis. His initial experiments show promise of application of anti-TNF ribozyme in vivo for impeding progression of arthritis.

PUBLICATIONS

Chapters Contributed to Books

Rajendra Prasad

- Sneh Lata Panwar, and Smriti, "Drug Resistance in yeasts - an Emerging Scenario," *Advances in Microbial Physiology*, Review, Vol 46, (2002).

Neera Bhalla Sarin

- U.S Prasad, "In vitro regeneration and transformation of Litchi chinensis Sonn.," P.K Jaiwal and R.P. Singh (eds.). *Plant Genetic Engineering* Vol. 6: Improvement of major vegetables and fruit crops. (Sci Tech Publishing LLC, Houston, USA., 2002)
- U.S.Prasad, A.S.Kantharajah and S.Mohan Jain, "Micro propagation of Litchi (*Litchi chinensis* Sonn.)," S.M.Jain and K.Ishi (eds), *Micropropagation of woody trees and fruits*, 721-731: (Kluwer Academic Publishers, Netherlands, 2003)

Jaishree Paul

- "Microbial degradation of the polychlorinated Biphenyls (PCBs) present in the environment," A Critical Appraisal In the Book *MICROORGANISMS IN BIOREMEDIATION* , (Markandey & Markandey, Capital Publishing Company, New Delhi, 2002).

Articles

N.Z Baquer

- M.Sinclair, S.Kunjara. Umesh.C.S.Yadav and P.Mclean "Regulation of glucose utilization and lipogenesis in adipose tissue of diabetic and fat fed animals. Effect of insulin and manganese,". (*J. Biosciences* 28(2) .2003).
- Umesh Chand Singh Yadav, K. Moorthy, "Synergistic effect of Sodium-orthovanadate and Trigonella seed powder on hepatic lipogenic enzymes and lipid profile during alloxan diabetes,".

- B.L.Gupta. "Effect of insulin and Sodium ortho vanadate on glucose metabolism antioxidant enzymes, transaminases and arginase in diabetic reticulocytes and aging red blood cells," *Biogerontol* 2002)

Rajendra Prasad

- Smriti, Krishnamurthy, S., Dixit, B. L., Gupta, C. M., "R.ABC transporters Cdr1p, Cdr2p and Cdr3p of a human pathogen *Candida albicans* are general phospholipid translocators.," *Yeast*, 2002.
- Avmeet Kohli, Smriti, Kasturi Mukhopadhyay, Ashok Ratan "Vitro low level resistance to azoles in *Candida albicans* is associated with changes in membrane lipid fluidity and asymmetry," *Antimicrobial Agents & Chemotherapy*, 46(4) 2002.
- Kasturi Mukhopadhyay, Avmeet Kohli, "Antimicrobial Agents & Chemotherapy Drug susceptibilities of yeast cells are affected by membrane lipid composition," (46(12), (2002).

Rajiv K. Saxena

- Choudhry, V, "Detection of *M. tuberculosis* antigens in urinary proteins of tuberculosis patients," *European Journal of Clinical Microbiology and Infectious Diseases*. 21, 1-5 2002.
- Wiessman, D., Simpson, J. and Lewis, D.M. "Murine model of BCG lung infection: Dynamics of lymphocyte subpopulations in lung interstitium and tracheal lymph nodes," *J. Biosciences* 27, 2002
- Wiessman, D., Saxena, Q.B., Simpson, J. and Lewis, D.M. "Kinetics of changes in lymphocyte subpopulations in the lungs and draining lymph nodes of mice after intrapulmonary infection with *M. bovis*," *Bacillus Calmette-Guerin* and identity of cells responsible for IFN(responses. *Clin. Exp. Immunol* 128, 405-410, 2002.
- Valliyathan, V. and Lewis, D.M. "Evidence for LPS-induced differentiation of RAW264.7 murine macrophage into dendritic like cells," *J. Biosciences* 28, 2003
- Saxena, Q.B., Weissman, D.M., Simpson, J., Bledsoe, T.A. and Lewis, "D.M. Effect of diesel exhaust particulate (DEP) on *Bacillus Calmette-Guerin* (BCG) lung infection in mice and the attendant changes in lung interstitial lymphoid subpopulations and IFN gamma response," *Toxicological Sciences* 73, 66 71, 2003
- Q.B., Saxena, R.K., Siegel, P.D. and Lewis, "D.M. Identification of organic fractions of diesel exhaust particulate (DEP) which inhibit nitric oxide (NO) production from a murine macrophage cell line," (*Toxicology Letters*, 2003)

Alok Bhattacharya

- Bhattacharya, S., & Petri, Jr., W.A. "Examining *Entamoeba*. *Trends in Parasitol*,". 18, 196-197, 2002
- Reddi, H., Kumar, V. "The calcium binding protein of *Entamoeba histolytica* as a fusion partner for expression in *Escherichia coli*,". (*Biotechnology & Applied Biochem.* 36, 2002)
- Arya, R., Mehra, A., Viswakarma, R., Bhattacharya, S., "Biosynthesis of *Entamoeba histolytica* proteoglycan in vitro," (*Mol. Biochem. Parasitol.* 26, 1-8, 2003).
- Bhattacharya, S., Bakre, A., "Mobile genetic elements in protozoan parasites," (*J. Genet.* 81, 73-86, 2002)
- Sahoo, N., Bhattacharya, S., "Blocking the expression of a calcium binding protein of the protozoan parasite *Entamoeba histolytica* by tetracycline regulatable antisense RNA.," (*Mol. Biochem. Parasitol.* 126, 2003)
- Ghosh, S., Satish, S., Tyagi, S., Bhattacharya, "S. Differential use of multiple replication origins in the ribosomal DNA episome of the protozoan parasite *Entamoeba histolytica*," (*Nucl. Acids Res.* 31, 2003)

Neera Bhalla Sarin

- Shiva Prakash and Sunita Koul "Germinating pigeon pea (*Cajanus cajan*) seeds secrete factor(s) having antiethylene-like effects," (*Physiologia Plantarum* 118, 2003)

- Singh N.D; Sahoo L; and Jaiwal P.K. "The effect of TDZ on organogenesis and somatic embryogenesis in pigeonpea (*Cajanus cajan* L.Millsp," (*Plant Science*, 164(no.3), 2003)
- M. Jain, D. Choudhary and P.K. Kale. "Salt - and glyphosate- induced increase in glyoxalase 1 activity in cell lines of groundnut (*Arachis hypogaea* L.)," (*Physiologia Plantarum* 114: 2002)
- D.K. Das, P. Bhomkar and N. Shiva Prakash "Improved method of regeneration of black gram (*Vignamungo* L.) through liquid culture.," *Vitro (Plant)* 38 (5) 2002
- "Role of Women in Biotechnology Innovations and IPR,". Conference of Women Scientists and Technologists: Role in National Development 2002.
- Bisht,R.; Singla-Pareek,S.L;Sopory,S.K. "The glyoxylase II of *Brassica juncea*," complete cds.(Accession no.AY185202)
- Vinod Varshney . "Khatre Ki Baat Uthakar Nai Technology Se Munh Morna Anuchit" (Article in vernacular published in the local Hindi daily "Hindustan" ,2002

Pramod Kumar Yadava

- T Dasgupta , AR Rao "Chemomodulatory efficacy of Basil leaf (*Ocimum bacilicum*) on drug metabolizing and antioxidant enzymes, and on carcinogen-induced skin and forestomach papillomagenesis, " (*Phytomedicine*, 2003)
- T. Dasgupta , A. R. Rao "Modulatory effect of Henna leaf (*Lawsonia inermis*) on drug metabolising phase I and phase II enzymes, antioxidant enzymes, lipid peroxidation and chemically induced skin and forestomach papillomagenesis in mice," (*Molecular and Cellular Biochemistry* 245: 2003)
- Anju Preet, Najma Zaheer Baquer "Regulation of glucose flux through polyol pathway and glycolysis in diabetic rat tissues: Effect of vanadate and *Trigonella foenum graecum*," 29th Annual Conference of Association of Clinical Biochemists of India, Feb 3-5, 2003, Jaipur. 2003
- Anju Preet, Najma Zaheer Baquer "Modulation of the polyol pathway enzymes in diabetic rat tissues: Effect of vanadate and *Trigonella foenum graecum*," 2nd International Symposium on Diabetes, Jan 18-20, 2003 Mumbai.
- T. Dasgupta , S. Banerjee , A.R. Rao "Evaluation of chemomodulatory efficacy of basil leaf extract (*Ocimum basilicum*) on mouse hepatic and extrahepatic drug metabolizing enzymes, antioxidant parameters and against carcinogen-induced skin and forestomach papillomagenesis," (*Phytomedicine*, 2002)

B.C Tripathy

- Mohapatra, A. "Developmental changes in sub-plastidic distribution of chlorophyll biosynthetic intermediates in cucumber" (*Cucumis sativus* L.). *J Plant Physiol.* 160: 2003
- A. Mohapatra, "Detection of protoporphyrin IX in envelope membranes of pea chloroplasts," (*Biochem Biophys Res Commun.* 2002).
- G. Pattanayak, "Catalytic function of a novel protein protochlorophyllide oxidoreductase C of *Arabidopsis thaliana*," (*Biochem Biophys Res Commun.* 2002).

R. Madhubala

- Bindu Sukumaran, Poonam Tewary, Shailendra Saxena and Rentala Madhubala.."Vaccination with DNA encoding ORFF antigen confers protective immunity in mice infected with *Leishmania donovani*," (*Vaccine.* 21: 2003)
- Vandana S. Dole., Myler, P.J., Stuart, K. D "Expression of Biopterin transporter protein in *Leishmania* FEMS," (*Microbiol. Letts.* 2002)
- Saxena, S., Myler, P. J. and Stuart, K. D. "Functional Genomics in *Leishmania*," *Proc Indian Natn Sci Acad* (PINSAs) B68 No. 5, 2002.

S.K. Goswami

- Meenakshi J, Anupama, Goswami SK, Datta K. "Constitutive expression of hyaluronan binding protein 1 (HABP1/p32/gC1qR) in normal fibroblast cells perturbs its growth characteristics and induces apoptosis," (*Biochem Biophys Res Commun.* 2003 Jan).

Jaishree Paul

- Alok Bhattacharya and Sudha Bhattacharya "Close Sequence identity between ribosomal DNA episomes of the nonpathogenic *Entamoeba dispar* and pathogenic *Entamoeba histolytica*," (*Journal of Biosciences* Vol. 27, No. 6, Nov. 2002) .
- Preeti Saxena, Sudha Bhattacharya "Enumeration of aerobic flora in healthy and diseased individuals," (*World Journal of Microbiology and Biotechnology* 18. 2002)
- "Bacterial Flora in Human Gut," An Overview. *Indian Journal of Microbiology* Vol. 42, June issue, 2002
- Zheng Wang, John Samuelson, C. Graham Clark, Daniel Eichinger, Katrina Van Dellen, Neil Hall, Iain Anderson and Brendan Loftus. "Gene discovery in the *Entamoeba invadens* genome".
- Suranjit Prasad, V. Subramanian "Detection of Chemolithotrophic bacteria from arsenic rich environment," (2003)

RESEARCH PROJECTS (SPONSORED)

Rajendra Prasad

- Membrane lipids as mediators of environmental morpho-genetic cues in the human fungal pathogen *Candida albicans* (2001-2004), Volkswagen Foundation, Germany.
- Novel approaches to combat multidrug resistance (MDR) in pathogenic yeast (2001-2004) European Commission, Brussels.
- Establishment of a advance centre of Molecular biotyping, epidemiology and fungal susceptibilities of opportunistic human pathogenic fungi (2001-2006) Indian Council of Medical Research (ICMR)
- Regulation of multidrug resistance genes of a pathogenic yeast *Candida albicans* (2002-2005) Department of Science & Technology.

P.C Rath

- Computational and functional rat and human genes (cDNAs) (2002-2007) University of potential for excellence program of UGC-JNU.
- Signal Transduction by Interferon and Regulatory Factor I (IRF-I) (2003-2006) Department of Science Technology

S.K. Goswami

- Identification of Novel Gene Expression Pathways in Cardiac Diseases (April 2002), University of Excellence Programme
- Development of a database of transcription factor binding sites from developing chick heart (March 2003), CSIR

K. Natrajan

- Nutrient control of Gene Regulation in Fungi (2002-2007), UGC Centre for Excellence Programme.

RESEARCH PROJECTS ON-GOING (SPONSORED)

N.Z Baquer

- Production by estrogen in female animals on the onset of age related disored (jointly with Deepak Sharma) (2000-2003) DBT.

- Long term management of retinal and renal complications in experimental diabetes by Vandate and antidiabetic compounds (2001-2004) ICMR.
- Biochemical of characterization of effects of trace metals and plants extracts in experimental diabetes (2001-2004) UGC
- Anti aging effects and Mechanism of action of exogenous dehydroepiandro-sterone (DHEA) administration during normal aging in different brain regions (jointly with Deepak Sharma) (2002-2005) CSIR
- Role of Tachichinin neuropeptides and their analogues in molecular and Biochemical correlates in aging Brain functions (2002-2007) Excellence Project

Rajiv K. Saxena

- Mechanism and patho-physiological relevance of cell mediated lysis of erythrocytes (2001-2004) DST.
- Influence of diesel exhaust particulate material on disease susceptibility and local immune responses in lungs (2002-2005) ICMR.
- Tuberculosis antigen detection in uring, role of antibody affinity in sensitivity of the assay, (2001-2003), UGC.
- Modulation of toll like receptor (TLR) expression on leukocytes involved with localized innate and adaptive immune response in lungs and its functional implications (2002-2007) UGC.
- Innate local immunity in lungs its and modulation by air-borne particulate (2002) CDC (Center of Disease Control and Prevention, USA)

B.C Tripathy

- Gene expression and protein transport of Chlorophyll biosynthetic enzymes during temperature stress (2003-2006) DBT

Pramod Kumar Yadava

- Construction of targeted ribozyme against RNA component of telomerase (2001-2004) CSIR
- RNA-protein interactions in formation of Measles Virus Nucleocapsid (2001-2004) UGC
- Rescue of chimeric measles virus incorporating heterologous peptides (2002-2005) DST

Rentla Madhubala

- Signal transduction in macrophages by Leishmania Lipophosphoglycan (2001-2004) DST
- Polyamine synthesis in the malaria parasite Plasmodium falciparum as target for drug development, DST (Indo-german)
- Vaccination against murine visceral leishmaniasis (2002-2004) LSRB (DRDO)
- Functional Genomics in Leishmania (2002-2007) University of Excellence (UGC Funded)
- Molecular and biochemical mechanisms of pentamidine resistance in Leishmania (2002-2005) The Wellcome Trust.
- Molecular Study of S-adenosyl-methionine decarboxylase: an antileishmanial target enzyme (2003-2006) Swedish International Development Corporation Agency (SIDA)

Neera Bhalla Sarin

- Mass-Scale propagation of Litchi chinensis Sonn (2000-2003) DBT
- Development of transformation methods for black gram (Vigna mungo) for biotic/abiotic stress tolerance (2001-2004) Indo Swiss, DBT
- Modulation of the expression of the Glyoxalase I and the Glyoxalase II gene in Brassica juncea for salt stress tolerance (2001-2004) NATP

- Identification of novel proteins in salt-tolerant vs salt sensitive cell lines of *Arachis hypogaea* for biotechnological application (2002-2007) UGC
- Regeneration and transformation of *Vigna Mungo* L 92002-2005) DST.

Jaishree Paul

- Detection and Enumeration of gut flora in normal and diseased individuals: (2002-2005), DST.
- Development of Molecular probes for analysing natural isolates of *Entamoeba*: (2002-2005) DST
- Detection and analysis of Food borne parasites (2003-2006), ICMR

RESEARCH PROJECTS ON-GOING (UN-SPONSORED)

Pramod K.Yadava

- Ravindra Kumar, Effect of targeted ribozymes against TNF-alpha on collagen-induced rheumatoid arthritis in mice
- Construction of an amplifiable random sequence pool for selection of RNA with novel catalytic activity.

FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

Rajendra Prasad

- Invited Speaker in "SMYTE 2002", Baltimore, USA 6 -10 June, 2002

R. Madhubala

- Visited Trieste, Italy from 1- 6 Oct. 2002 to deliver a lecture in ICGEB course
- Visited Glasgow University, Scotland from 8 - 16 Dec. 2002 to discuss the project on Pentamidine resistance funded by The Wellcome Trust
- Visited University of Lund, Sweden from 30 March to 4 April 2003 to attend meeting on Molecular studies on S-adenosylmethionine decarboxylase : an antileishmanial target enzyme.

FACULTY PARTICIPATION IN CONFERENCES IN INDIA

N.Z Baquer

- Role of Insulin and Sodium Orthovanadate on Glucose and Protein Metabolism in Diabetic Ageing Red Blood Cells. Bihari Lal Gupta 2nd International Symposium on Diabetes 18-20 January 2003, Mumbai, India.
- Pyruvate metabolism in experimental diabetes: Effect of antidiabetic Compounds. Sameer Mohamad, Asia Taha, R.N.K. Bamezai, 29th Annual Conference of Association of Clinical Biochemists of India 2003 February 3 -5h 2003, Jaipur, India.
- Regulation of Glucose Flux through polyol pathway and glycolysis in diabetic rat tissues: Effect of vanadate and *Trigonella foenum graecum*. Anju Preet, Pramod K.Yadav. 29th Annual Conference of Association of Clinical Biochemists of India- 2003 February 3 -5 2003, Jaipur, India.
- Antioxidant status in alloxan diabetic rat tissues: reversal by antidiabetic compounds., Asia Taha, Solomon genet, K.Moorthy and R. K.Kale. International Conference on Role of free radicals and Antioxidant in Health and Disease Lucknow, 10-12 February 2003.
- Biochemical and Histological changes in mitochondria of Experimental Diabetes induced diabetes in rats after *Trigonella foenum graecum* therapy. 2nd World Congress on Biotechnological developments of Herbal Medicine, Lucknow 20-22 February 2003.

Rajendra Prasad

- Invited Speaker in "Yeast 2003" at Institute of Microbial Technology (IMTech), Chandigarh on 20- 22 Feb., 2003 "Lipid as modulators of drug resistance in yeasts".

- Invited Speaker in "INDO-US Workshop & National Congress on Molecular Biology & Biotechnological Symbiosis" at Jawaharlal Nehru University, New Delhi on March., 2003 "Molecular Basis of Antifungal Resistance".

Rajiv K. Saxena

- A. Das A role of interaction between MHC I and cognate Ly49 receptor molecules in IL2 activation of NK Cells. XXIX Annual meeting of the Indian Immunology Society, RMRC, Bhuvneshwar. Nov. 27-29, 2002

B.C Tripathy

- International conference in Plant Physiology, IARI, New Delhi, January 2003.
- Photobiology conference in Delhi, DU South campus, March 2003

Pramod K. Yadava

- 26th Meeting of the Environmental Mutagen Society of India, March 2003, New Delhi

R. Madhubala

- Presented a paper in International symposium on Leishmaniasis on 'Vaccine candidates for preventing Leishmaniasis' held on Feb 23-24, 2002 at All India Institute of Medical Sciences, New Delhi.

Neera Bhalla Sarin

- Second Pulse Network Meeting of Indo-Swiss Collaboration in Biotech Madurai University, Chennai, Nov.2002 kamraj
- Second International Congress of Plant Physiology, IARI, New Delhi, Jan. 2003
- International Conference on Trends in Cellular and Molecular Biology, New Delhi. March 2003

P. C. Rath

- Indranil De, Gagan Deep Bajaj and Pramod C. Rath. Repeats, chromatin and transcripts. Transcription meeting. 22 Oct, 2002. J.N.U., New Delhi.

Jaishree Paul

- Presented an invited lecture in the 90th session of Indian science Congress, January 3- 7, 2003, held at the Bangalore University. The lecture was presented in the Environmental Science Section "Role of microbes in Arsenic rich environment".

K. Natrajan

- Guha Research Conference Garjia, Uttaranchal; Nov 16-20, 2002 Invited talk entitled "Genomic Regulatory Circuits Operative in Nutrient Control of Gene Expression in Yeast"

FACULTY LECTURES OUTSIDE JNU

Rajendra Prasad

- PLENARY LECTURE at 28th Annual Meeting of Young Scientists & Symposium on "Trends in Molecular Medicine", 7 September, 2002
- Invited Speaker in "Recent developments in fungal diseases: Aspergillosis" at Patel Chest Institute, New Delhi (Title of the Lecture: Drug resistance genes in *C. albicans*) on 4 Dec., 2002.
- Invited Speaker in "Yeast 2003" at Institute of Microbial Technology (IMTech), Chandigarh on 20- 22 Feb., 2003 "Lipid as modulators of drug resistance in yeasts"
- Invited Speaker at Department of Biosciences, Jamia Millia Islamia, on 10 March, 2003 "Multiple Drug Resistance: From Microbes To Man"

Rajiv K. Saxena

- Invited participant, Conference on "Oxygen and Nitrogen radicals: Cell injury and disease", NIOSH,

CDC, Morgantown, West Virginia, USA. June, 2002

- Invited Panel discussant, Session on ROS/RNS and gene expression in cancer and fibroproliferative diseases, at the 3rd International Conference on Oxygen/Nitrogen redicals: Cell injury and disease, organized by NIOSH, CDC at Morgantown, WV, USA 1-5 June 2002.

Pramod K.Yadava

- Applications of polymerase chain reaction, School of Biotechnology, Amravati University
- Antiviral strategies, Department of Microbiology, Barkatullah University, Bhopal

Neera Bhalla Sarin

- Regeneration and Transformation of *Vigna mungo* for abiotic stress tolerance at FMI, Basel, Switzerland
- Regulated transgene expression in *Vigna mungo* at Madurai Kamraj University, Chennai.

K. Natrajan

- All India Institute of Medical Sciences, Department of Biotechnology: March 31, 2003. Invited lectures delivered to M.Sc. Biotech final entitled "Microarrays and functional genomics"

VISITORS TO THE SCHOOL

1. Dr. David Dennings, University of Manchester, November, 2002
2. Dr. Barbara Cybulska, Technical University of Gdansk, Feb 2003
3. Dr. Joachim Morchausser, Wurzburg University, Feb., 2003
4. Dr. Joachim Ernst, University of Dusseldorf, March 2003
5. Prof.Fleischer, Director., Bon Nocht Institute of Tropical Medicine, Hamburg, Germany

SEMINARS/CONFERENCES ORGANIZED BY THE SCHOOL

Rajendra Prasad

- Co-Convenor , Guha Research Conference (GRC), 16-20 Nov., 2002,

B.C Tripathy

- Organised International Conference on Cellular & Molecular Biology in the School of Life Sciences, JNU from March 6-8, 2003

S.K. Goswami

- Hosted the Sixth Transcription Assembly, Annual conference of transcription researchers from all over India from October 22 and 23 held at School of Life Sciences.

AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

Rajendra Prasad

- Awarded Short term Travel Grant (University of Aberdeen) from Wellcome Trust Foundation, May-July, 2002

Rajiv K. Saxena

- Elected Fellow of the Indian National Science Academy, Dec. 2002

B.C Tripathy

- Received Samant Chandrasekhar Award for outstanding contribution to Science.

R. Madhubala

- Elected member of Guha Research Conferences, 2002

Neera Bhalla Sarin

- Visiting scientist to FMI, Basel, Switzerland under the Indo-Swiss Collaboration in Biotechnology.

P.C Rath

- Invited Teacher, Indian Academy of Sciences, Bangalore, 2002.

Jaishree Paul

- Received a prize for the invited lecture at the 90th session of Indian Science Congress, 2003

MEMBERSHIP OF BOARDS/COMMITTEES

Rajendra Prasad, Chairperson, Special Center for Molecular Medicine

B.C Tripathy, Appointed to the Editorial Board of Indian Journal of Plant Physiology

R. Madhubala Editorial Board of Asian Journal of Drug Metabolism and Pharmacokinetics; Editorial Board of Journal of Parasitology; Life Member of Indian Society of Parasitology and Life Member of Indian Society of Immunology.

N.B Sarin , Academic council, CIMAP, Lucknow; Academic Committee, NCPGR, New Delhi and Biosafety Committee, NCPGR, New Delhi

S.K. Goswami, Served as chairperson of the Admission Committee, School of Life Sciences, 2002 and Served as a nominated member of the Executive Council since June, 2002.

Jaishree Paul, Member of the Faculty Committee of the School of Life Sciences, JNU

ACHIEVEMENTS OF THE STUDENTS

1. **Suneet Shukla**, awarded NIH fellowship to work in Dr. Suresh Ambudkar laboratory for six months, September, 2002 - Feb.,2003 at NCI.
2. **Sudhakar Jha**, Research Scholar, awarded travel grant by CSIR & partial registration fees by FEBS Organizers to attend and present his work in 4th Advanced FEBS Lecture Course: ATP-Binding Cassette (ABC) Proteins: From Genetic Disease to Multidrug Resistance , Gosau, Austria, 1-8 March, 2003
3. **Ravindra Kumar** has been offered Scholarship from a Swedish Institution to conduct his animal experiments for testing therapeutic potential of TNF-targeted ribozyme in experimental model of arthritis
4. **Bindu Sukumaran** awarded the prestigious 'Young Scientist award' and a Gold Medal for the best paper presentation at 16th National Congress of Parasitology from 31 Oct- 2 Nov. 2002 held at Bareilly, U.P.
5. One PhD student, **Ms. Suchandra Deb Roy** was sponsored for advanced training in molecular biology at FMI, Basel, Switzerland (July 15-Sept 15,2002). All expenses were paid by ISCB, Switzerland.
6. One PhD student, **Mr. Nasser Sholi** bagged the second best prize for the competition for writing and presenting project, at the National Science Festival organized by SLS, JNU 2003.
7. One PhD student, **Mr. Yusuf Aslam** selected for Training Course in Proteomics & DNA Microarray organized by the Association for the Promotion of Fingerprinting and other DNA Technologies (ADNAT) AST CCMB, Hyderabad.

Participation of students in National /International Seminars/Conferences

8. **Ali Abdul Lattif**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003
9. **Tulika Prasad**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003
10. **Preeti Saini**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003
11. **Sudhakar Jha**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003
12. **Sudhanshu Shukla**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003

13. **Anshu Dwivedi**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003
14. **Ritu Pasrija**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003
15. **Varsha Rai**, Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 200
16. **Dr. Kasturi Mukhopadhyaya**, Research Associate, visited Dr. Arnold S. Bayer's laboratory, Feb 2003 & March 2003
17. **Sudhakar Jha**, 4th Advanced FEBS Lecture Course: ATP-Binding Cassette (ABC) Proteins: From Genetic Disease to Multidrug Resistance, held at Gosau, Austria, 1-8 March, 2003

ANY OTHER INFORMATION

P.C Rath

- One new course introduced: "Cell Signaling", 3 credits, M.Phil./Ph.D.

8. School of Physical Sciences (SPS)

Since its inception in 1986, the School of Physical Sciences has grown to become one of the leading centres of teaching and research in physics. Over the years, the School has successfully implemented a dynamic teaching programme at M.Sc. and pre-Ph.D. levels comprising a variety of novel and non-conventional courses.

The School started admissions into its doctoral programme from the Monsoon Semester of 1987, and so far about 39 students have been awarded the Ph.D. degree. The M.Sc.(Physics) programme started from Monsoon Semester in 1992. Students from diverse regions of the country have been joining this programme, the main feature of which is the orientation towards fundamentals in theoretical and experimental Physics. This programme is thus attractive to students who wish to go on to research careers.

The School has made substantial contribution in many thrust areas of physics as well as in interdisciplinary areas of chemical physics and bio-physics. The faculty and students of the School have been publishing research papers in reputed international journals. The UGC also gave recognition to the research activity of the School by granting it a Departmental Research Scheme of UGC in 1994, which has now been upgraded to a higher level, and augmented by the COSIST scheme which is in operation for the years 2000-2004.

The School organized a two days meeting on "At the interface of Physics & Biology" on "Soft Condensed Matter Physics" that was attended by 35 participants. As in earlier years, the School had a very active seminar programme drawing speakers from within the country and abroad. The faculty members also presented their work at a number of national and international meetings, in addition to being invited by various Universities and Institutions.

Our research activities are primarily in the theoretical areas of classical and quantum chaos, computational physics, condensed matter physics, disordered systems, quantum field theory, quantum optics, and statistical mechanics, and in the experimental areas of chemical physics, complex fluids, condensed matter physics and nano-science and technology.

Experimental Facilities:

Experiments performed in laboratories are crucial to the understanding of natural phenomena, and are an integral part of research and training in the physical sciences. Balanced growth of experimental activities with sound theoretical understanding forms the backbone of our programme.

The materials laboratory at SPS has embarked on the task of preparation of magnetic alloys and study of their properties (resistivity, thermopower, magnetic susceptibility, etc.) - both at room temperature and far below it - using a closed-cycle Helium refrigerator and a 2-Tesla magnet. A precision low cost vibrating sample magnetometer has been designed and fabricated in the laboratory. A Mossbauer set-up provided the microscopic details of dynamics of lattice and hyperfine interactions in the solid state. Using facilities at the nearby Nuclear Science Centre, the National Physical Laboratory and the Solid State Physics Laboratory, the exciting field of ion-beam interaction with solids and surfaces, the processes of electronic energy relaxation and atomic motion are studied. In the semi-conductor physics laboratory, optical and transport properties of technologically important wide-bandgap inorganic and organic semi-conductors are studied, along with semiconductor devices, quantum dots and heterostructures using photo luminescence and different electrical spectroscopic techniques. The laboratory is equipped with a clean room and a vacuum coating unit for preparation of thin films. Experimental facilities available in the field of nonlinear and quantum optics include a high-power laser; acousto-optic modulators and sensitive photon detection systems; an automated digital storage oscilloscope; and vibration-isolated optical table. A recently commissioned scanning probe microscope consisting of an atomic force microscope and a scanning tunneling microscope provides details of topography and electronic properties of materials at the atomic level. The various materials that have been investigated range from biological systems such as E.coli and Actin, semiconductor

materials such as Si, GaAs, semiconductor quantum dots such as $\text{In}_{1-x}\text{Ga}_x\text{As}$, minerals such as limestone's, thin films of metals, oxides and other exotic materials. Apart from JNU, various other institutions are using this technique, they are, Delhi University, IIT, Delhi, Nuclear Science Centre, Delhi and RRI, Bangalore.

A major SPS objective has been to focus research activities in areas interfacing physics and chemistry. The problems of interest in the School are the physical characterization of bio-polymers, colloidal and micelle phenomena, dynamics of sol-gel and glass transitions, study of micro emulsions and other complex fluids. The research laboratories are currently equipped with a diode pumped solid state laser (ND:YAG) a piezo-electric driven multi-pass Fabry-Perot interferometer; a digital correlator, a digital scanning calorimeter, and a dielectric relaxation apparatus with required accessories. A static light scattering goniometry designed and developed in SPS has been in use since 1994. The design for this instrument is now being replicated by the IUC-DAE Centre at Mumbai for their use. The soft condensed matter group has a strong collaboration with Bhabha Atomic Research Centre, Mumbai, and uses the small-angle neutron and X-ray scattering facilities there. In addition, there is an active collaborative research programme with CBT and NII to develop a laser-based biosensor for immunoassay. The School is soon acquiring a high resolution Rheometer for studying relaxation in complex fluids funded under the University with potential for excellence programme.

The experimental facilities of the School are being routinely used by scientists from other universities and institutes i.e. the laser light scattering facility by M.S. University, Baroda, G.N.D. University, Amritsar, Delhi University, South Campus, National Institute of Immunology, New Delhi and IUC-DAE, Mumbai. The APM facility by SSPL, Delhi, IIT, Delhi, RRI, Bangalore, N.S.C, New Delhi, and Delhi University, Delhi apart from groups within the University.

Computational Facilities:

In the recent past, computer simulations of physical problems have played an important role in the development of physics and chemistry, particularly in the context of systems with nonlinearities and many degrees of freedom. The School has now built up its computing facilities to a reasonable level. The School has several high-speed workstations (Silicon Graphics machines, Compaq XP 1000 and SUN Ultra 60s) to facilitate heavy computing. Furthermore, every faculty member has a PC and there are also PCs available for teaching purposes.

THRUST AREAS AND PERSPECTIVE PLAN

Thrust areas of the School of Physical Sciences are Solid State Physics and Statistical Physics.

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE SCHOOL

R. Ghosh

- Research collaboration with the CNRS Laboratoire de Photonique et Nanostructures, Marcoussis, France : CNRS Visiting Scientist during 15 May- 14 November 2002.

REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

Courses are routinely revised and approved through the Special Committee of the School.

PUBLICATIONS

Books

R. Ghosh

- *Foundations of Quantum Theory and Quantum Optics II*, Proceedings of the Second Winter Institute - 2002, Rupamanjari Ghosh ed. (Indian Academy of Sciences, Bangalore, 2002).

Sanjay Puri

- Edited (with S.P. Das and V.K. Wadhawan), Special Issue of *PHASE TRANSITIONS* (Volume 75, 2002) containing Proceedings of Conference on Slow Dynamics and Freezing in Condensed Matter Systems, held from 9-10 March 2000.

Chapters Contributed to Books

H. B. Bohidar

- "Characterization of polyelectrolytes by Laser light scattering," **Handbook of polyelectrolytes** (American Scientific Publishers, USA 2002).

Articles

S.S.N. Murthy

- Madhusudan Tyagi, "Experimental Study of the High frequency relaxation process in monohydroxy alcohol's", **Journal of Chemical Physics**, vol. 117 (8), August, 2002.
- Madhusudan Tyagi, *Journal of Physical Chemistry A*, vol. 106 (May), (2002).
- "Slow Relaxation in Ice and Ice clathrates and its connection to the low-temperature phase transition induced by dopants," *Phase Transition*, vol. 75(445), (2002),.
- Mohammed Shahin, Madhusudan Tyagi "Dielectric Study of Homogeneity in some Binary Liquids in their Supercooled State", *Journal of Solution Chemistry*, vol. 32 (2), (Feb.), 2003.

Shankar P. Das

- U. Harbola, "Model for Glass Transition in a Binary fluid from Mode Coupling approach", *Physical Review E* 65 (2002) 036138.
- Charanbir Kaur, "Metastable Structures with Modified Weighted Density Functional Theory", *Physical Review Em* 65 (2002) 026123.
- S. Srivastava and U. Harbola, "Anomalous Stretching in a simple Glass forming liquid", *Physical Review E* 65(2002) 051506.
- Charanbir Kaur, "Dynamic Heterogeneities in simple liquid over different time scales", *Physical Review Lett.* 89, 085701 (2002).
- Sudha Srivastava and Charanbir Kaur, "Dynamics of metastable liquid comparison of results from two different approaches", *Physics Letters A* 300 (2002).
- Charanbir Kaur, "Tagged Particle Dynamics : Feedback Effects from Collective Dynamics", *Physical Review E* 56 (2003).
- Charanbir Kaur, "Static and Dynamical heterogeneities in supercooled liquids", *Physica A* 318, 121 Proceedings of Statistical Physics, Kolkata IV (2003).
- U. Harbola, "Model for viscoelasticity in a binary mixture", *Journal of Chemical Physics* 117 9844 (2002).

R. Rajaraman

- "Fractional Charge" - Invited talk at The International Conference in memory of John Bell, Vienna, in *Quantum (Un)Speakables*, Eds. R.A. Bertlemann and A. Zeilinger, (Springer-Verlag, Berlin, 2002).
- "CP-N Solitons in Quantum Hall Systems" - Invited Plenary Lecture at the International Conference on Geometry, Integrability and Nonlinearity in Condensed Matter & Soft Condensed Matter Physics Bansko, Bulgaria.

Akhilesh Pandey

- S. Ghosh, S. Puri and R. Saha "Non-Gaussian random-matrix ensembles with banded spectra", *Physical Review*, E 67, 025201 (R) (2003).

R. Ramaswamy

- S. Sarkar, and J.S. Hunjan, "Global Optimization on an evolving energy landscape", *Physical Review E* 66, 046704 (2002).
- "Segmentation of Genomic DNA through entropic divergence : Power-laws and scaling" (with R.K. Azad, P. Bernal-Galvan, and J. Subba Rao (SES)), *Physical Review E* 65, 051909 (2002).
- "Simplifying the mosaic description of DNA sequences" (with R.K. Azad, J. Subba Rao (SES) and W. Li), *Physical Review E* 66, 031913 (2002).
- "Global Optimization on an Evolving Landscape" (with J.S. Hunjan and S. Sarkar), *Physical Review E* 66, 046704 (2002).
- "Symmetry-breaking in Local Lyapunov exponents", *European Journal of Physics*, B29, 339-343 (2002).
- "Phase Ordering at Crises", (with M. Shrimali), *Physics Letters A* 295, 273 (2002).

H.B. Bohidar

- "Surface Active Association Behavior of OB-OE, OE-OB-OE Co-polymers", *Langmuir*, 17 (2003), 4597-4603.
- "Dynamic Light Scattering and Viscosity Studies on the Association Behavior of Silicone Surfactants in Aqueous Solutions", *J. Phys. Chem. B*, 107 (2003) 5382.

A.K. Rastogi

- "Polymorphism in Cu-substituted GaV4S8: Structural and electronic properties"; M.A. Ruman and A.K. Rastogi, *Journal of Physics and Chemistry of Solids*, 64,77-85 (2003).
- "Peak effect studies in NbSe₂", A.A. Tulpurkar, A.K. Grover, S. Ramakrishna, A. Niazi *Physica B* 312-313, 118-119 (2002).

Sanjay Puri

- S.K. Das, "Dynamics of Phase Separation in Multicomponent Mixtures," *Physical Review E* 65, 026141 (2002).
- S.D. Das "Nonequilibrium Dynamics of the Complex Ginzburg-Landau Equation: Numerical Results in Two and Three Dimensions", *Physical Review E* 65, 046123 (2002).
- K. Binder, "Surface-Directed Phase Separation with Off-Critical Composition: Analytical and Numerical Results", *Physical Review E* 66, 061602 (2002).
- S.Ghosh, A. Pandey, R. Saha, "Non-Gaussian Random Matrix Ensembles with Banded Spectra," *Physical Review E* 67, R 025201 (2003).
- K. Wiese "Perturbative Linearization of Reaction-Diffusion Equations," *J. Phys.A* 36, 2043 (2003).
- J. Sharma "Effects of Thermal Fluctuations on Phase Separation in Polymer- Solvent Mixtures", Proc. of Conference on Slow Dynamics and Freezing in Condensed Matter Systems, edited by S. Puri, S.P. Das and V.K. Wadhawan, *Phase Transitions* 75, 401 (2002).
- K. Tafa and D. Kumar, "Autocorrelation Function for Domain Growth with Local Barriers", Proceedings of Conference on Slow Dynamics and Freezing in Condensed Matter Systems, edited by S. Puri, S.P. Das and V.K. Wadhawan, *Phase Transitions* 75, 413 (2003).
- "Kinetics of Wetting for Phase-Separating Binary Mixtures", Proceedings of Conference on Computational Physics 2001", edited by N. Attig, R. Esser and M. Kremer, *Comp. Phys. Communications* 147, 286 (2002).
- S.K.. Das "Inhomogeneous Cooling in Inelastic Granular Fluids", Proceedings of Statphys-Kolkata IV, edited by S.S.Manna and J.K. Bhattacharjee, *Physica A* 318, 55 (2003).

S. Patnaik

- "Flux Flow of Abrikosov-Josephson Vortices Along Grain Boundaries in High-Temperature Superconductors," A Gurevich, M.S. Rzchowski, G. Daniels, S. Patnaik, D.C. Larbalestier, B.M. Hinaus, F. Farillo and F. Tafuri, (*Physical Review Letters* 2002).
- "Synthesis and Properties of c-axis Oriented Epitaxial MgB₂ thin films," S.D. Bu, D.M. Kim, J.H. Choi, J. Giencke, L. Cooley, E.E. Hellstrom, D.C. Larbalestier, and C.B. Eom, (*Applied Physics Letters* 81,2002).
- "Significant enhancement of irreversibility field in Clear limit bulk MgB₂," V. Bracinni, L.D. Cooley, P. Martrineth, A. Palenzona, A.S. Siri and D.C. Larbalestier, (*Applied Physics Letters* 81, 2002).

Deepak Kumar

- "Autocorrelation Function for domain growth with local barriers," K. Tafa, S. Puri and D. Kumar, *Phase Transitions*, 75, 413-425 (2002).
- "Photon States in anisotropic media," (*Pramana*, 59, 2002).
- "Self-consistent study of localization in thin films," R.K. Brojen Singh (*Phys. Rev. B*66, 2002).
- "Effect of noise on quantum teleportation," P.N. Pandey, (*Phys. Rev. A* 67, 2003).

Subhasis Ghosh

- "Schottky Energy Barrier and charge injection in Metal/Cu-Pc/Metal Structures," Ajit Mahapatra & S. Ghosh, (*Applied Phys. Letter*, 80, 2002).

RESEARCH PROJECT (SPONSORED)

R.Ramaswamy

DST-DAAD Project (with Prof. U. Feudel, Carl von Ossietzky University, Oldenburg): Strange Nonchaotic Attractors, Origins, Characterization and Applications.

Subhasis Ghosh

- Experimental Investigation of defects in GAN using optical spectroscopy, sponsored by CSIR.

RESEARCH PROJECT ON-GOING (SPONSORED)

H.B.Bohidar,

- DST project on structural characterization of"(2002-05)
- IUC-DAE Project on "Properties of"

R. Ramaswamy

- DST Project entitled "Dynamics of Fractal non-chaotic attractors" (2001-04).

FACULTY PARTICIPATION IN CONFERENCE OUTSIDE INDIA

R. Ramaswamy

- "Simulation and Modeling Physis, Hanoi, Vietnam, 28/29 November 2002. "Uncovering the Mosaic : Segmentation analysis of DNA sequences"

R. Rajaraman

- Invited to organize and chair the session on South Asia at the 1st International Professional Meeting of Independent Technical Security Analysts", held in Chicago, July 23-24, 2002.
- Invited to participate and make a presentation at the Pugwash Workshop on South Asian Security, held in Geneva, 1-3 November, 2002.

Satyabrata Patnaik

- Applied Superconductivity Conference, Houston, U.S.A., August 2-9, 2002.

Deepak Kumar

- March meeting of American Physical Society, March 3-7, 2003, Austin, U.S.A..
- Papers: Pattern of Melting Snow; Metal-Insulator transition in tetrahedral semiconductors.

Subhasis Ghosh

- Physics and Technology of Organic semiconductors, Purdue University, USA.

FACULTY PARTICIPATION IN CONFERENCES IN INDIA**R. Ramaswamy**

- "Recent Advances in Nonlinear Dynamics, Bangalore, 31 July, 2002, "The Thermodynamics of Strange Nonchaotic Attractors".
- Workshop on Genetic Algorithms in Bioinformatics, Pune, 16 August, 2002, "Geometry Optimization".
- Robustness, Emergent Behaviour and Pattern formation in Biological systems, Chennai, 2 December (2002) "Entropic Analysis of DNA sequences : Uncovering the mosaic".
- Trends in Theoretical Chemistry, IACS Kolkata, 17-19 January (2003) "Structure Optimization"
- Molecular electronic structure and dynamics 2003, Kharagpur, 20-21 January (2003) "Finding Genes in DNA".
- Theoretical Physics 2003, IACS Kolkata, 21-24 January (2003) "Critical Localization and Critical Strange Nonchaotic Attractors : The Harper Equation"
- Protein Aggregation and Association, TIFR Mumbai, 22-23 February (2003).
- Condensed Matter Days 2003, IIT Kanpur, 28 February (2003) "Finding Genes (and other things) in DNA (and other Biological) sequences".
- Unconventional Applications of Statistical Mechanics, SINP Kolkata, 20-22 March (2003)"Entropic Analysis of DNA sequences : Uncovering the Mosaic".

H.B.Bohidar

- National Biophysics symposium, IIT Roorkee, Feb. 20-22, 2003, invited talk on "Bio-molecular self-assembly".
- MRS meeting on sol-gel technology, NPL, New Delhi, Feb.26, 2003 invited talk on "Sol-gel transition in Biophysics."

Satyabrata Patnaik

- National Symposium on nanostructured materials, IIT Delhi, December 5-6, 2002.

Deepak Kumar

- Trends in Condensed Matter Physics, Haarish-Chandra Research Institute, Dec. 3-5, 2002. Metal Insulator Transition in Tetrahedral Semiconductors.

FACULTY LECTURES OUTSIDE JNU**R. Ramaswamy,**

- "Mark Models ", 6-7 May ICGEB, New Delhi.
- "Introduction to DNA sequence analysis", 2 August (2002), Academic Staff College, JNU, New Delhi.
- Refresher course in Theoretical Physics, St. Stephens College, Delhi, 1-9 October (2002)
- School on Simulation and Modeling Physics, Hanoi, Vietnam, 25-27 November (2002).
- "Self-organised Criticality", 3 December, 2002, Madres School of Economics, Chennai.
- "Bioinformatics", 4 December, 2002, Academic Staff College, JNU, New Delhi; 5 December, Kamala

Nehru College, New Delhi; 12 December, Sri Venkateshwara College, New Delhi; 13 December, 2002, Lady Shri Ram College, New Delhi; 28 March, Delhi University, South Campus.

- "Chaos", 11 December, Khalsa College, New Delhi; 17 December, 2002, Acharya Narendra Dev College, New Delhi.

S. P. Das

- To deliver a set of five lectures on "Mode Coupling Theory and Structural Glass Transition".
- Invited Speaker in the DAE Solid State Physics Symposium, Dec. 26-30, 2002 held at the Panjab University, Chandigarh - Title : Heterogeneities in Supercooled Liquids.

Deepak Kumar,

- Institute of Mathematical Sciences, Chennai, Lecture: Electron Localization in Thin Films: Metal Insulator Transition in Tetrahedral Semiconductors, Dec. 12-15, 2002.
- Centre for Polymer Studies, Boston University, Boston, U.S.A. Patterns of Melting Snow, March 12, 2003.

Subhasis Ghosh

- Single molecule based Nanostructures, IIT, Delhi.
- Experiments with molecules: Mesoscopic transport to New devices, SSPL, Delhi.

SEMINARS/CONFERENCES ORGANIZED BY THE SCHOOL

1. Linear Superposition for Nonlinear Equations and New Identities for Jacobi Elliptic Functions by Avinash Khare, Institute of Physics, Bhubaneswar, 2 April, 2002.
2. Skew-Orthogonal Polynomials and Random Matrix Ensembles by Akhilesh Pandey, SPS, JNU, 10 April, 2002.
3. Emergence of the Microcanonical Distribution from a Pure Quantum State by N.D. Hari Dass, Matscience, Chennai, 11 April 2002.
4. D-Branes, pp-Wavebackground and Gauge/String Duality by Sanjay, Institute of Physics, Bhubaneswar, 1 May, 2002.
5. Low-Cost Innovative Experiments at HS and UG Levels by A.W. Joshi University of Pune, Pune, 17 May, 2002.
6. Hysteresis in Coupled Chaotic Oscillators and Application to Epileptic Seizures by Awadhesh Prasad, Aroazona State University, Tempe, USA, 24 May 2002.
7. What the Standard Model of Particle Physics has to say about the Early Universe by Afsar Abbas, Institute of Physics, Bhubaneswar, 29 May, 2002.
8. Metal Encapsulated and Hydrogenated Silicon Fullerenes by Vijay Kumar, Institute of Solid State Physics, Tokyo, Japan, 5 August, 2002.
9. Recent Trends in Fiber Optics by Ajoy Ghatak, IIT, Delhi, 28 August, 2002.
10. What's New in Accelerator Physics? By Amit Roy, Nuclear Science Centre, New Delhi, 4 September, 2002.
11. Glassy Dynamics in Dimer Models by Dibyendu Das, Brandeis University, USA, 9 September, 2002.
12. Kramers Problem for Long Chain Molecules by K.L. Sebastian, Indian Institute of Science, Bangalore, 13 September, 2002.
13. Anisotropy in Temperature and Polarization of the Cosmic Microwave Background Radiation by T.R. Seshadri, Department of Physics and Astrophysics, University of Delhi, Delhi, 23 October, 2002.
14. Multiscale Modeling of Soft Matter Systems by Prabal Maiti, Division of Chemistry and Chemical Engineering, California Institute of Technology, Pasadena, USA, 24 October, 2002.
15. Strings in Electric and Magnetic Fields by Rajesh Gopalkumar, Harishchandra Research Institute,

Allahabad, 6 November, 2002.

16. Quantum Computation : Possibilities and the Current Status by Anil Kumar, Indian Institute of Science, Bangalore, 12 November, 2002.
17. Sandpiles and Related Models of Self-Organized Criticality-III, by Deepak Dhar, Tata Institute for Fundamental Research, Mumbai, 14 November, 2002.
18. Sandpiles and Related Models of Self-Organized Criticality-IV by Deepak Dhar, Tata Institute for Fundamental Research, Mumbai, 15 November, 2002.
19. Experiments with Molecules: Mesoscopic Transport to Kondo Effect by Subhasis Ghosh, SPS, JNU, New Delhi, 20 November, 2002.
20. Quantum Chaos in Methanol Isotopomers by Naseem Rahman, Departy of Chemistry, University of Trieste, Trieste, 4 December, 2002.
21. Hidden Orbital Order in Uru_2Si_2 by Vikram Tripathi, Cavendish Laboratory, University of Cambridge, U.K., 23 December, 2002.
22. Order-Disorder Cycle in Relatively Sheared Soft Monolayers: a Stochastic Resonance? By Sriram Ramaswamy, Department of Physics, Indian Institute of Science, Bangalore, 24 December, 2002.
23. Spin and charge Transport in Presence of Spin-Orbit Interaction by T.P. Pareek , Max Planck Institute Fuer Mikrostrkturephysil, Halle, Germany, 15 Janurary, 2003
24. Integrable Non-linear Dynamics Related to Lie Algebra by Ryu Sasaki, Yukawa Institute for Theoretical Physics, Kyoto University, Japan, 17 January, 2003
25. Quantum Mechanics in Non commutative Spaces and the Landau Problem by R. Ramachandran, Harishchandra Research Institute, Allahabad, 21 January, 2003
26. The Role of Many-Body Theory in Testing the Standard Model of Particle Physics by Dhanu Das, Indian Institute of Astrophysics, Bangalore, 31 January, 2003
27. Canted Anti-ferromagnetism in Quantum Hall Systems by R. Rajaraman, School of Physical Sciences, Jawaharlal Nehru University, New Delhi, 5 February, 2003
28. Quantum Transport of Localized Electrons by Rolf Rentsch, Frei Univerity Berlin , 7 February, 2003
29. Theory of Manganites Exhibiting Colossal Magnetoresistance by T.V. Ramakrishnan, Department of Physics, Indian Institute of Science, Bangalore , 11 February, 2003
30. Surfactant-Poly-Electrolyte Mixed Systems: Surface Rheology and Other Properties by Amitabha Bhattacharyya, Institut Francais du Petrole, France, 12 February, 2003
31. Strange Nonchaotic Attractors and Negative Schwarzian Derivative by Gerhard Keller, University Erlangan, Erlangan, Germany, 14, February, 2003
32. Elliptic Behavior and Duality in the Harper Equation by Gerhard Keller, Universitat Erlangan, Erlangan, Germany, 17 February, 2003
33. Quantum Reality - An Alternative View by K.K. Surendran, Regional Instrumentation Centre, Nagpur, 19, February, 2003
34. Permutation Entropy - A complexity Measure for Time Series Based on Order Statistics by Gerhard Keller, Universitat Erlangan, Erlangan, Germany, 24 February, 2003
35. Accretion Flow Around Massive Stars: What Selects the Trajectory? by J.K. Bhattacharjee, IACS, Kolkatta, 26 February, 2003
36. Superconductivity in Mg.B_2 by Satyabrata Patnaik, School of Physical Sciences, Jawaharlal Nehru University, New Delhi, 12 March, 2003
37. Phase Behavior and Dynamics of a Symmetrical Lennard-Joneds Mixture: Computer Simulations by Subir K. Das, Institut fur Physik, Johanner Gutenberg Univeritat, Mainz, Germany, 17 March, 2003
38. Frustration in Pyrochlore Systems by B. Sriram Sastry, Department of Physics, Indian Institute of Science, Bangalore, 27, March 2003

AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

S. Puri

- Recipient of Homi Bhabha Fellowship from the Homi Bhabha Fellowships Council, Mumbai (2003).

S.P. Das

- Awarded the Grant 2604-C with Prof. Jean Louis Barrat of Universite Claude Bernard Lyon I, France, by the Indo-Frenh Centre for the Promotion of Advanced Research (IFCPAR), (June 2002-2005). Title of the Project "Statistical Physics of Supercooled Liquids".

MEMBERSHIP OF BOARDS/COMMITTEES

R. Ghosh, Member, Advisory Committee constituted by the DST, Govt. of India, for formulation of a special scheme "Scholarships for Women Scientists and Technologists" (2002); Member, Scientific Advisory Committee, Nuclear Science Centre, New Delhi, 2001-03' and Advisor, Health and Medical Facilities, JNU, 2001-03.

H.B. Bohidar, Member of Academic Council; Member, Special Committee, School of Life Sciences, JNU and Proctor, JNU, 2002-2004.

A.K. Rastogi, Chairman, JNU Sports Committee; Member, Faculty Committee, Faculty of Natural Sciences, JMI, New Delhi; Coordinator, Kishore Vaigyanik Protsahan Yojana, IISc. Bangalore; Member of P.G. Board of Studies in Physics, Maharshi Dayanand University, Rohtak, Haryana and Member, Cryogenic Committee, Nuclear Science Centre, New Delhi.

9. School of Social Sciences (SSS)

The School of Social Sciences is the biggest post-graduate School in the University. It admits more than 500 students every year to M.A., M.Phil./Ph.D. and direct Ph.D. programmes of its various Centres. The School has no undergraduate programmes of its own, even though it offers a few under-graduate courses for students of other Schools. The total strength of its faculty is approximately 130.

The School has nine Centres, apart from a special UGC-supported programme on Women's Studies and a special Adult Continuing Education & Extension Unit. It also houses the Archives on Contemporary History and the Education Research Record Unit. The nine Centres are the following:

1. Centre for Political Studies (CPS)
2. Centre for the Study of Social Systems (CSSS)
3. Centre for Historical Studies (CHS)

4. Centre for Economic Studies and Planning (CESP)
5. Centre for the Study of Regional Development (CSRD)
6. Zakir Husain Centre for Educational Studies (ZHCES)
7. Centre of Social Medicine and Community Health (CSM&CH)
8. Centre for Studies in Science Policy (CSSP)
9. Centre of Philosophy (CP)

While all the Centres other than the Centre of Philosophy have students enrolled in the M.Phil./Ph.D. and direct Ph.D. programmes, only five of the Centres offer M.A. programmes. These are:

1. Centre for Political Studies (CPS)
2. Centre for the Study of Social Systems (CSSS)
3. Centre for Historical Studies (CHS)
4. Centre for Economic Studies and Planning (CESP)
5. Centre for the Study of Regional Development (CSRD)

The School has a lively academic ambience. Centres have their own regular academic seminars. In addition there are occasional School-level seminars. The School has two special lectures each year.

1. The Krishna Bhardwaj Memorial lecture organised by the Centre for Economic Studies and Planning.
2. The P.C. Joshi Memorial Lecture organised by the Archives on Contemporary History.

The School of Social Sciences has been contributing over half of the recorded publications of all the schools devoted to the social sciences and the humanities. During the period under report, the SSS faculty has published over 150 publications as books, chapters in books and research articles. A number of research students of the School have also contributed to national and international professional journals and a number of high quality doctoral theses have been published.

The teaching and research programmes in the School have certain innovative elements. While ensuring rigorous discipline-oriented training in each Centre, interest is generated in multi-disciplinary study and research, by encouraging students to offer courses in other Centres depending upon their aptitude as well as the relevance of the courses to their main disciplines and areas of research interest. Students have regularly taken advantage of this opportunity, especially at the M.Phil. level; research activity consequently has been greatly enriched.

THRUST AREAS AND PERSPECTIVE PLAN

Centre for Studies in Science Policy

The Board of Studies of the School of Social Sciences (of which the Centre is a part), approved the Centre's Xth Plan (2002-03 to 2006-07) Programmes relating to 'Social Shaping of New Technologies and Innovation Strategies for Development: Comparative Perspectives'. In the Xth Plan period, whilst the centre is committed to strengthening the existing areas and fields of teaching and research, it is planning to extend

its interdisciplinary research base to the following areas of research and teaching also :

1. Science and Ethics
2. New Technologies, Globalisation and Development
3. Management of National, Regional and Rural Innovation Systems
4. Science and Technology Policy for Development and South-South Cooperation
5. Scientometrics, Bibliometrics, and Evaluation of S&T Potential

Special Program in Science Policy

The Special Program in Science Policy (SPSP) is continuing with the external funds generated by Prof. Parthasarathi. In 2002-03, support has continued to be drawn from this program for two Visiting Professors and infrastructural support including funds for buying books and other documentation for the Centre's Documentation Unit.

Centre for the Study of Regional Development

The Centre pursues interdisciplinary research and teaching on problems related to regional development. The faculty consisting of demographers, economists, geographers, geologist, mathematician and statistician to guide research and formulate the teaching in the following thrust areas:?

1. Institution and Agricultural Development
2. Regional Dimension of Agricultural Development
3. Fertility, Mortality and Migration
4. Regional Dimension of Industrial Development
5. Population, Environment and Settlement Studies
6. Regional Geography Planning/Regional Development
7. Ecology, Resource Development and Management
8. Social Geography/Gender Studies/Geography of Health and Education
9. Studies on Transport Economics
10. Urbanization/Migration
11. Infrastructure and Development
12. Earth Surface Processes

Keeping in line with the thrust areas, and considering the emerging issues of development, the Centre has taken upon the task of restructuring the courses and the programmes. The process of restructuring has been already completed for M.Phil by April 2001. In the M.A programme, a revised structure is also prepared and the final structure with semester wise courses and course content and other aspects is proposed to be completed next year. The Centre is also planning to strengthen the studies on infrastructure particularly transport, energy and irrigation, public finance and development theory and also in the fields of computer application, GIS and Remote Sensing.

Centre of Philosophy

The main focus of the Center at the moment remains moral and political philosophy. The Centre is also planning some short workshops in the philosophy of social sciences for which some preparation has been carried out.

Centre for the Study of Social Systems

The Centre for the Study of Social Systems was established in 1971 for undertaking teaching and research in a comparative perspective in the two basic areas of sociology:(1) social structures and (2) social processes. The Centre needed to encourage interdisciplinary approach to the study of social systems taking into consideration social, economic, political, religious and other such sub-systems. The mandate was to evolve comparative perspectives for studying social system and its sub-systems at both macro and micro levels.

In pursuance of its mandate, the faculty, students and research staff of the Centre have, over the years, made valuable contributions in the following thrust areas:

1. Sociology of Modernisation and Development
2. Sociology of Professions and Professionalisation
3. Sociology of Social Stratification
4. Sociology of Social Movements and Social Mobilisation
5. Studies of Marginalised Groups, Minorities and Dalits
6. Sociology of Tribes and Ethnicity
7. Sociology of Education
8. Sociology of Knowledge
9. Sociology of Gender and Gender Relations
10. Sociology of the Indian Diaspora
11. Sociology of Religion
12. Culture Studies

The research work and publications undertaken by the Centre reflect Centre's continued engagement in these areas with the emerging societal issues at local, national and global levels. The Centre has made efforts in evolving innovative courses and research programmes to address some of these issues but these efforts need to be strengthened further by augmenting academic resources of the Centre. The study and research in other areas as listed below need further consolidation:

1. Sociological Theory
2. Quantitative Methods in Social Research
3. Social Demography
4. Social Psychology

5. Historical Anthropology
6. Social Ecology
7. Sociology of Globalisation
8. Media Studies, and
9. Modern Indian Social Thought

Zakir Husain Centre for Educational Studies

The Zakir Husain Centre for Educational Studies was established in 1972 to promote teaching and research in educational studies through multi-disciplinary perspectives in the social sciences.

The Centre conducts M.Phil/Ph.D. Programme in Educational Studies with social science perspectives of economics, history, psychology and sociology. Students with disciplinary backgrounds in the social sciences, humanities as well as the natural sciences are admitted to the programme. There were 83 students registered in the M.Phil and Ph.D. programmes of the Centre during the year 2002-2003. Of these, 15 students were newly admitted in the M.Phil/Ph.D. and direct Ph.D. programmes in the academic year 2002-2003.

DSA PROGRAMME

In 1991, the Centre was recognized by the University Grants Commission as a Department of Special Assistance (DSA). The DSA programme has since been renewed in 1999. Apart from the four main streams of Economics of Education, History of Education, Sociology of Education and Social Psychology of Education taught and researched in a multi-disciplinary framework at the Centre, four thrust areas have been developed as part of the Centre's DSA Programme.

1. Policy, Planning and Management of Higher Education
2. Role of Education in Knowledge Generation, Dissemination and Skill Development.
3. Equity and Excellence in Education
4. Education, Culture and Society in Historical Perspective.

Centre of Social Medicine and Community Health

The Centre took up the challenge of understanding the implications of Structural Adjustment programmes on health in the country as well as in South Asia with the collaboration of a number of leading public health centres. Based on this initiative, the centre is expected to advance an alternative framework on health Sector Reforms. The work on this initiative has already started with emphasis on mortality and morbidity trends and disease scenario, shifts in health services and equity and decentralization and health care.

The following are the thrust areas of the centre:

1. Health service systems research;
2. Epidemiology of diseases with special reference to communicable diseases, their resurgence and new

epidemics;

3. Nutrition and health with a special focus on the vulnerable;
4. Population policies;
5. Environment and health and worker's health; medical sociology, medical anthropology and health economics; political economy of health
6. Demographic history

The new areas in which preliminary work has been initiated are:

1. Democratisation and decentralisation as alternative strategies for the delivery of health care;
2. Non-health service inputs into health;
3. Urban health;
4. Health legislation;
5. Bio-ethics;
6. Indigenous systems and Primary health Care;
7. International trade, legislation and health;

Centre for Economic Studies and Planning

The Centre for Economic Studies and Planning has been in existence for the last 29 years. It has carried on an innovative programme of teaching and research and has been able to contribute to society in a wide variety of ways. The various programmes of study and the research work of the faculty of the Centre reflect a broad coverage of the various areas of specialization in Economics. The attempt has been to judiciously combine theory with applied work and provide an understanding of the Indian economy. The list of faculty publications and the theses and dissertations produced by the students (See Appendices 1 and 2) reflects the range of work done in the Centre.

During the 10th Plan period, as reported in the previous Report also, the Centre plans to consolidate its M.A., M. Phil. and Ph.D. programmes through a reorganization of its course structure and expanding further into areas that have been identified as the new thrust areas of the Centre. Further, to give greater depth to research, there is a proposal to set up a data bank. The UGC team which came to assess the 10th Plan needs of the University and the Center was sympathetic to the proposals of the Centre and assured us of all help in the new thrust areas proposed by the Centre. We are hopeful that we will be able to get additional faculty positions.

The infrastructural requirements of the Centre which were also highlighted in the 10th Plan proposals have received some attention. We have received a donation of 10 old computers from Hyundai. This will help our students of Statistics and Econometrics and give them a chance to learn computer applications. The University has decided to provide each faculty member with a computer and many have already received them. The speed of the internet connections has been greatly enhanced so that the faculty and the students have greater access to a vast source of information. The Seminar room is soon to be refurbished and we have asked for Inverters for the Office, computer rooms and the Seminar room. This would greatly enhance the efficiency of functioning specially during the Summer months.

The UGC team to review the working of the DSA programme of the Centre visited us in March. We presented the work of the Centre during the previous DSA programme and are hopeful that the team would recommend confirmation of the DSA by the Centre.

The EXIM bank-JNU Library has seen a transition. Most of those who started the work 10 years back of planning and construction have moved away and a new Coordinator has taken over the task of running the Library. Now the period of consolidation has started. The Memorandum of Understanding for the EXIM Bank Library between JNU and EXIM Bank came to an end on February 22, 2003. It is now proposed to the EXIM Bank that the MOU be renewed for a further period of five years and that the provision for the purchase of books be enhanced to Rs.7.5 lacs per annum. It may be noted that the Library has received several donations of books and journals and the purchase of books in the library has been accelerated. It has a large collection of new books and many of the Economics Journals. The hours for which the library remains open have been extended to 7 p.m.. Computers and internet connection are available in the Library and electronic cataloguing is progressing.

It has been felt by the faculty that tutorials are urgently needed by the students so that they can better understand the material taught. Further, it helps the learning process of the M.Phil/Ph.D students carrying out the tutorials. The Centre is looking for ways to make the tutorial system work more effectively.

To democratize the functioning of the Center and to make its functioning more transparent a group e-mail system has been introduced. All important documents, like, the 10th Plan documents, Time Table, Courses, grades, minutes of the faculty meetings, the list of papers received for circulation are being downloaded to the entire faculty. Thus even those members of the faculty who are on leave and are away from the Centre are able to keep in touch with the activities of the Centre.

The Alumni Association of CESP has started functioning effectively. It has produced a brochure and has arranged for the placement of the students of CESP. The donation of computers by Hyundai was a result of the effort of the Association. We hope that it will be able to organize other things as well.

For the Tenth Plan period, the Centre has proposed:

- a. Expansion into new areas, namely Law and Economics, the Economics of Finance (including Capital Markets) and the Economics of Human Development.
- b. Emphasis on the utilisation of statistical and econometric techniques and advances in information technology in both economic analysis and research and in the dissemination of the results of that analysis. For this purpose availability of data on the Indian Economy is crucial. Hence the Centre has proposed the setting up of a Data Bank on the Indian Economy.
- c. The strengthening of the study of Environmental Economics and the Economics of Natural Resources. These have emerged as extremely important interdisciplinary areas of teaching and research in the last two decades in the broad context of discussion on sustainable development which addresses the ethical issues relating to both intra-generational and intergenerational equity in defining social well-being.

To enable the Centre to achieve these goals, it is necessary not only to enhance the Centre's faculty strength, but also to mobilise resources for research and to build its infrastructural base. The award by the UGC of the

status of Department of Special Assistance had helped the Centre to expand research in the thrust area of Problems of Development in Late-industrializing Countries. Support received from the UGC under the Emerging Areas programme in the area of Environmental Economics has enabled the Centre to begin new courses, at both M.A. and M.Phil levels, in Environmental and Resource Economics. These areas need to be strengthened given the current interest in them. Similarly, the areas of Public Finance and Public Policy need to be strengthened.

Group of Adult Education

The UGC Guidelines on Adult Continuing Education has given a mandate to the Group of Adult Education to provide formal and non-formal educational programmes, offer credit and non-credit courses, undertake research, and evaluation, extension, documentation and advocacy. The major thrust of the programmes of the Group is on bringing closer integration between formal and non-formal education and reaching out to the larger sections of adults through university system besides enriching the learning process of faculty and students through exposure to community needs, contemporary problems, issues; and linking theory to practice and vice-versa. The main focus of the Group during the Tenth Five Year Plan will be on the study of: Policy and Practice of Adult Education Programme, Meta Evaluation, Drug Abuse and Social Dynamics, Lifestyle related Educational Programmes, Designing and Organizing Professional Development Programme, Evolving E-Training Modules for Adult Education Functionaries.

NATURE OF COLLABORATIVE ARRANGEMENTS OF THE SCHOOLS

Centre for the Study of Regional Development

1. InterGIS project with Salzburg University, Austria (on-going)
2. Child Labour under Indo-Dutch Programme of ICSSR (IDPAD) (ongoing)
3. Desertification Status with Space Application Centre (ISRO), Ahmedabad (on-going)

Centre for the Study of Social Systems

Global Studies Programme(GSP)

The Centre has developed as special collaborative programme with Institute for Sociology Albert Ludwigs University, (Freiburg Germany) and Natal University (Durban, South Africa). Three new courses were developed under this Programme of the Centre namely South Asian Social Thought and Media, Modernization and Development : perspectives from South Asia and Globalization, International Institutions and Society in Winter Semester, 2003. .

The Centre received the first batch of GSP students for a semester in January 2002. It included 22 students from fifteen countries: Mexico, Columbia, U.S.A., Ghana, South Africa, Germany, Bulgaria, Finland, Romania, India, Peoples Republic of China, Thailand, Singapore, Republic of Serbia and Montenegro. Special lecture series on Globalization and South Asia and a Workshop on Methods of Social Research were organized as part of the programme. The students were also taken for a study tour to Varanasi. This

programme has resulted into augmentation of our academic and financial resources.

The special lectures series speakers included Prof. T.K.Oommen, Prof. S.D. Muni, Prof. Dipankar Gupta, Dr. S.S. Jodhka Dr. Martin Fuchs, Heidelberg, Germany and Shri Ajay Upadhyay (Editor, Hindustan). The methodology workshop was addressed by Prof. Ehsanul Haq, Dr. Susan Visvanathan, Dr. Raider Quam (The World Bank) and Prof. Anand Kumar. Prof. M.N. Panini & Prof. Anand Kumar of the Centre visited Germany in this regard.

Centre for Social Medicine and Community Health

The Centre is collaborating with the following institutions for a concerted action project on Monitoring Shifts in Health Sector Policies in South Asia.

1. Department of Community Medicine, Colombo University.
2. National Institute of Preventive and Social Medicine, Dhaka, Bangladesh
3. National R& D Centre for Welfare and Health, Helsinki Finland.
4. Department of Community Medicine, Cambridge University.
5. The Regional Community Mental Health Institute. ' Maastricht, The Netherlands
6. Policy Research for Development Alternative, Dhaka, Bangladesh.
7. Health Action by People, Trivandrum
8. Centre for Economic and Social Studies, Hyderabad.

Centre for Economic Studies and Planning

Under the Tenth Plan, CESP has proposed the creation of a Data Bank. This would include data of relevance to all the Centres of the SSS. It is suggested that warehoused data available in the public domain would be put up on a web site so that it would be available to all researchers in JNU and outside.

Group of Adult Education

The Group has undertaken a variety of field programmes in collaboration with a Non-Governmental Organisation, Viz., Durga Devi Memorial Trust and two Professional organisations, viz; State Resource Centre and Indian Adult Education Association. During the year 2002-2003, the following three programmes were implemented at Kusumpur Pahadi slum (Vasant Vihar) in South Delhi and Pallah Village in Gurgaon District. These programmes were coordinated by Shri O.P. Swamy under the overall guidance of Prof. S.Y. Shah.

The Group organised Adult Basic Literacy Programme for 77 participants Pallah Village and Kusumpur Pahadi with the cooperation of volunteers from the local community. The Group organised post-literacy programme for 175 participants with the help of a Prerak, (Smt. Sonia Varma) from the local community. During the year, 210 books were circulated among the neoliterates.

In order to promote Universalisation of Elementary Education, the Group organised special programme for the drop-out and unenrolled children of Kusumpur Pahadi with the help of a local unemployed youth who worked as a part time-teacher. During the year forty children were enrolled in the programme.

Shantha Krishnan did extensive extension work in Karnataka and Haryana. She toured Challakere, Chitradurga and Davanagere of Karnataka State, visited Residential Elementary school at Challakere, set up by the K.V.B.K.R. Trust, for children released from bonded labour, engaged in agriculture and other labour and similar schools set up by other NGOs in Chitradurga, provided guidance to them regarding further conduct of these schools with emphasis on Vocational Education and imparting of employable and marketable skills. Held meeting with Labour Commissioner and Principal Secretary, Labour Department, Govt. of Karnataka regarding increased state support for the conduct and expansion of educational facilities for the above categories of children. As a result of this intervention, two more residential schools were sanctioned, to be located in Challakere-Chitradurga area for this category of children.

REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES.

Centre for the Study of Regional Development

1. Five new courses are introduced
2. All the courses and allocation of credits to courses and M.Phil. dissertation revised. Under new scheme course works will carry 16 credits and dissertation will carry 8 credits. The courses carry 4 credit or 2 credits each.

Centre for the Study of Social Sciences

Three new courses were offered under Global Studies Programme(GSP) of the Centre namely South Asian Social Thought and Media, Modernization and Development : perspectives from South Asia and Globalization, International Institutions and Society in Winter Semester, 2003. .

Zakir Husain Centre for Educational Studies

Course revised: Research Methods I, philosophy of science section, M.Phil level. New Course introduced for M.A. students at the School level:

1. Social Theory of Science;
2. Science and Society in Colonial South Asia;
3. Medical Knowledge, Institutions and practices.

Centre for Historical Studies

Ranabir Chakravarti

Ø 'Trade and Urban Centres in India c. AD 400-1300' winter 2002.

Centre of Social Medicine and Community Health

Sanghmitra S. Acharya

Ø Course on 'Health, Population and Development' approved for teaching.

Centre for Economic Studies & Planning

The new structure of the M.A. course has been finalized and soon placed for approval before the Extended Centre's meeting and the Board of Studies of SSS. The effort was initiated under the Chairpersonship of Prof C P Chandrashekhar. It is due to his initiative that a process that had been long stalled could be revived.

Group of Adult Education

The Group has been offering a four credit optional course on Adult Education in India at Masters level since 1999. On an average 10-12 students have been opting for this course in each semester.

Shantha Krishnan developed an Inter-disciplinary optional credit course on Non-Formal Education in Natural Disasters and their Mitigation and Management for M.Sc, M.A, M.Phil Students of JNU. Draft curriculum was revised in the light of discussions and suggestions given by the CASR.

SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENTS.

Zakir Husain Centre for Educational Studies

There are usually at least three students belonging to the weaker sections who are admitted to the M Phil/ Ph.D programme every year. Every effort is made to provide academic support to these students through additional tutorial discussions relating to specific courses as well as their individual assignments. These students also receive special attention and guidance while working on their research areas. Some students were also sent for supplementary English language course organized by the Equal Opportunity Office of the University.

Centre for Economic Studies & Planning

Praveen Jha

Ø Representing the Centre at the University level for guiding the weaker students.

PUBLICATIONS

Books

Centre for Political Studies

Zoya Hasan

Ø Co-edited (with E. Sridharan and R. Sudarshan), *India's Living Constitution: Ideas, Practices and Controversies*, (Permanent Black, New Delhi, 2002).

Sudha Pai

Ø *Dalit Assertion and the Unfinished Revolution: the BSP in Uttar Pradesh*, (Sage Publications, New Delhi), Vol. 3 in the Sage Series: *Cultural Subordination and the Dalit challenge*, 2002.

Kuldeep Mathur

Ø *James W. Bjorkman Policy, Technocracy and Development: Human Capital Policies in the Netherlands and India*, (IDPAD and Manohar, New Delhi).

Centre for the Study of Regional Development

Sudesh Nangia

Ø *In the name of Child Labour: Eradication and Evaluation Programme*, B. Zutshi, Mondira Dutta (Shipra Publications, New Delhi 2002). pp.224

Ø *Curriculum Development in Geography*, published by UGC

G.K. Chadha

Ø *Rural Industry in India: Policy Perspectives, Past Performance and Future Options*, (ILO, New Delhi, March 2003).

Centre of Philosophy

P.B. Mehta

Ø *The Burdens of Democracy*, due to be published in July, 2003

Centre for the Study of Social Systems

J.S. Gandhi

Ø Through A Splendid Window - A Sociological View of our Law Professionals and Legal Apparatus, (Rawat Publications, Jaipur, 2003)

Susan Visvanathan

Ø The Visiting Moon, (India Ink, Delhi,2002).

Avijit Pathak

Ø Social Implications of Schooling, Knowledge, Pedagogy and Consciousness, (Rainbow, New Delhi, 2002)

Renuka Singh

Ø The Path to Tranquillity,(ed.) , (Penguin Putnam ,U.S.A , 2002); (Random House, Rider, UK, 2002); (German, Herder, Freiburg, Germany, 2002); (Italian, Rizzoli, Milan, Italy, 2002); (Chinese, Hishiang, Taiwan, 2002);

Ø "The Transformed Mind" (ed.) (Korean, Munidang Publishing Co., Korea, 2002) (Hodder & Stoughton, UK, 2002

Ø Live in A Better Way,(ed.) (Penguin Putnam, U.S.A., 2002).

Amit Kumar Sharma,

Ø Structure of Indian Society, (NCERT, Delhi, 2003).

Ø Bharatiya Samaj Ki Sanrachana (Hindi), (NCERT, Delhi, 2003).

Vivek Kumar

Ø Dalit Leadership in India, (Kalpaz Publication, New Delhi, 2002)

Zakir Husain Centre for Educational Studies

Geetha B.Nambissan

Ø Child Labour and the Right to Education in South Asia: Needs Versus Rights? (co-ed.), (Sage Publications, New Delhi, 2003).

Dhruv Raina

Ø Images and Contexts The Historiography of Science and Modernity in India, (Oxford University Press, Delhi, 2003).

Centre for Historical Studies

S. Bhattacharya

Ø Education and the Disprivileged: 19th and 20th Century India, with Introduction by editor, 'An Approach to Education and Inequality' pp 1-32 (Orient Longman, New Delhi).

Ranabir Chakravarti

Ø Prachin Bharater Arthanaitik Itihaser Sandhane, (Kolkata, Ananda Publishers, 2002).

Centre of Social Medicine and Community Health

Ghanshyam Shah

Ø Mario Rutten and Hein Streefkerk, Development AND Deprivation in Gujarat, (Delhi: Sage Publications. 2003).

Ø Caste and Democratic Politics in India, (Delhi Permanent Black, 2002).

Ø D.C. Sah, Land Reforms in Western India, (Delhi: Sage Publications, 2002).

Ø Social Movements and the State, (Delhi: Sage publications, 2002).

Centre for Economic Studies and Planning

Anjan Mukherji

Ø An Introduction to General Equilibrium Analysis, Walrasian and Non-Walrasian Equilibria, (Oxford University Press, Delhi 2002 (August/September).

Arun Kumar

Ø The Black Economy in India, (New Delhi: Penguin, India. August 2002). Revised Second Edition

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10. Mohan Rao, First author, with Devaki Jain, "Sculpting Population Policies; Some Issues" *Indian Journal of Gender Studies*, Vol.10, No.1, 2003.
11. K.R. Nayar, "No quick fix for social science in public health," *Bulletin of the World Health Organization*, Vol.80, No.8, 2002, p.683.
12. K. R. Nayar, "Ordering the Doctors: New Code of Ethics," *Economic and Political Weekly*, Vol.37, No.27, 2002, pp.2686-87.
13. Alpana Sagar and Qadeer, I. *Alternative Economic Survey 2001-02 - "Economic Reforms"* (Development Denied Rainbow Publishers Delhi.)
14. Alpana Sagar, "Who pays for the cost of Resettlement Health for the Millions 'Poverty and Health,'" VHAI Delhi.

Centre for Economic Studies & Planning

1. C P Chandrashekhar, "Finance and the Real Economy: The Global Conjuncture", Canadian Journal of Development Studies, Vol. XXIV, No. 2, 2003.
2. C. P. Chandrashekhar, "The Digital Promise and the Case for Caution", Futura 1/2003, Journal of the Finnish Society for Futures Studies, 2003
3. P.Patnaik, "Swayed by the Humbug of Finance: Economic Policy under the BJP led Government South Asia -Journal of South Asian Studies, New Series, Vol. XXV, No.3, December 2002.
4. P. Patnaik, "Globalization and the Emerging Global Politics," Social Scientist Vol.30 Nos.11-12, 2002.
5. U. Patnaik, "Global Capitalism, Deflation and Agrarian Crisis in Developing Countries", Journal of Agrarian Change, Vol.3 Nos.1 & 2, January and April 2003.

Group of Adult Education

1. S.Y. Shah, "Lessons from Adult Education programme in the East and South-East Asian Countries: A Case-Study of Thailand", International Journal of Adult and Lifelong Education, vol.1, no.1, Jan-June 2003.
2. S.Y. Shah edited the first issue of the International Journal of Adult and Lifelong Education, Vol.I, No.1, Jan-June 2003.
3. Shantha Krishnan, "Issues and Dilemmas in Health and Medical Care", JNU News, September - October 2002.

VI. RESEARCH PROJECTS COMPLETED(SPONSORED)

Centre for Political Studies

1. Zoya Hasan Completed a research project on "Diversity of Muslim women's Lives in India", Nehru Memorial Museum and Library, New Delhi, December 2002.

Centre for the Study of Regional Development

1. G.K. Chadha "Rural Employment in India: Current Situation, Challenges and Potential for Expansion" , ILO-Geneva (mimeo.)
2. Atiya H. Kidwai, "Economic Policy, Population Displacement and Development Ethicks" sponsored by Canadian International Development Agency and Shastri Indo-Canadian Insitutte
3. Sudesh Nangia, "Involvement of Elected Representatives for Advocacy on Population Reproductive Health, HIV/AIDS, Reproductive Rights and Empowerment of Women" (with Anuradha Banerjee) in collaboration with Indian Association of Parliamentarians on Population and Development, by UNFPA, December 2002
4. Sudesh Nangia , "Population and Development-Profile of District Udaipur", IAPPD, New Delhi, April, 2002
5. Sudesh Nangia , "Evaluation of Government and Non-Government Programmes for the Welfare of

Birhor Tribe in Hazaribagh District", Ministry of Tribal Affairs, Government of India, December 2002

6. Saraswati Raju, "Human Resource Development, Gender and Labour Market Segmentation", IDPAD-ICSSR
7. Atul Sood, "The New Regulatory Regime: Voluntary Self-Regulation versus Mandatory Legislative Schemes for Implementing Labour Standards", Sponsored by Consumer Unity and Trust Society, Jaipur, India, August 2002
8. Ravi Srivastava, Planning Commission Study on "Social Development in Uttar Pradesh" (part of the UP Development Report under preparation by the Planning Commission), 2001-02
9. Ravi Srivastava, Planning Commission: Research Project on "Anti_Poverty Programmes in Uttar Pradesh in the Context of Decentralisation", 1999-2002
10. S.K. Thorat, Pro- Poor Agriculture Growth - A comparative Experience of India, Malawi and Zimbabwe, Sponsored by DFID, London (UK).
11. S.K. Thorat, Small Farm and Livelihood Strategies in India - Study Sponsored by International Food Policy Research Institute, Washington DC (USA).

Centre for the Study of Social Systems

1. J.S. Gandhi, "Social Impact Assessment Study for the State of Punjab" funded by Power Finance Corporation Ltd., January, 2003.
2. Renuka Singh, Spread of Buddhism self funded

Zakir Husain Centre for Educational Studies

1. Karuna Chanana, 'Are Women in Uniform Held Back? A study of Women and Men in Delhi Police', Undertaken jointly with two colleagues. Sponsored by the Delhi Police and funded by the British Council, New Delhi. August 2002-March 2003.
2. Minati Panda, As-if Discourse and Mathematics Learning: A Study of Langia Saora in Orissa. Sponsored by DSA, ZHCES, September, 2002.
3. S.Srinivasa Rao National Evaluation Study on Civil Works under District Primary Education Programme, (DPEP) of Government of India. The Study was sponsored by Educational Consultants India Limited (Ed.CIL), New Delhi. The team had three members and focused on Andhra Pradesh.
4. Dhruv Raina, The History and Historiography of Proofs in Ancient Traditions sponsored by International Programme of Advanced Study, MSH, Paris and convened by Karine Chemla, University of Paris 7, 2002.

Centre of Social Medicine and Community Health

1. Rama V. Baru, The Future of Public Hospitals in the Context of Privatisation in India sponsored by United Nations Research in Social Development (INRISD), Geneva.
2. Sanghmitra S. Acharya, 'Social Assesment of Reproductive and Child Health in Uttaranchal' as a part of the larger study on Social Assesment of Reproductive and Child Health in five states- Assam, Haryana, Maharashtra Orissa and Uttaranchal conducted by Tata Institute of Social Sciences, Bombay for the Minstry of Health and Family Welfare, New Delhi and DFID.

Centre for Economic Studies & Planning

1. Jayati Ghosh, IDPAD/ICSSR Project on "The intertwining of sustainable development and employment : A comparative study of India and the European Union" - Local Project Director. Partner institution : Erasmus University, Rotterdam, The Netherlands. Project completed and submitted April 2002.
2. Jayati Ghosh, Planning Commission/Institute for Human Development Project on "Drought proofing Chhattisgarh : Water policy and implementation strategy" - Project Director. Duration : Project completed and submitted January 2003.

Group of Adult Education

1. S.Y. Shah completed a research study on "Policy and Trends in Financing Adult Literacy in India", sponsored by the Asian South Pacific Bureau of Adult Education.
2. S.Y. Shah completed a research study on "Exploring the Potential of Open and Distance Education in the Training of Grassroots Level Workers in the field of Adult Basic Education in India", sponsored by the UNESCO Institute For Education, Hamburg.

VII. RESEARCH PROJECTS ON-GOING (SPONSORED)

Centre for Studies in Science Policy

1. "Globalisation and the Changing Structure of Scientific Communities in the Developing world". This is an on-going research program between Prof Krishna; Dr R.Waast, Dr J.Gaillard and R. Arvanitis, IRD, Paris, France; and Prof Tim Turpin (Australian Expert Group on Industry/Innovation Studies), University of Western Sydney, Sydney, Australia.

Centre for the Study of Regional Development

1. L. S. Bhat Micro Level Planning / Decentralized Planning in India.(as ICSSR Fellow)
2. L. S. Bhat ICSSR Abstracts and Reviews in Geography, project since January 2003 (with Prof. Sudesh Nangia)
3. G.K. Chadha,"Institutional, Technological and Marketing Constraints *of Small Agro-based Enterprises in India" Sponsored by International Food Policy Research Institute, Washington Expected Date of Completion: July-August, 2003.
4. Sudesh Nangia, "Population, Health, Family Structure and the Environment" (with Ronald F. Abler, Secretary General IGU and Dr. Alina Potrykowska, Chair Commission on Population and Environment, IGU)
5. Sudesh Nangia, "Status of Women and Women Empowerment in Retrospect and Prospect", sponsored by Indian Association of Parliamentarians on Population and Development, New Delhi
6. Sudesh Nangia, ICSSR Abstracts and Reviews in Geography, Project since January 2003 (in collaboration with Prof. L. S. Bhat)
7. Saraswati Raju, "Access of Vulnerable groups to Reproductive and Child Health Services in

Rural and Urban Haryana", DFID-World Bank, sponsored project, monitored by TISS, Mumbai

8. Milap C. Sharma, Desertification Status Mapping-Cold Desert: Using Remote Sensing & GIS, Department of Space, Govt. of India, Space Application Centre, Ahmedabad, (with Prof Harjit Singh.)
9. R.K. Sharma, "Population Growth and Common Property Resources: Implications for Women and the Poor: A Case Study of Rural Himachal Pradesh"
10. Harjit Singh, "Desertification Status Mapping - Assessment and Monitoring" Sponsored by Space Application Centre (ISRO) Ahmedabad
11. Atul Sood, "The Political Economy of Corporate Environmental and Social Responsibility in Developing Countries: The Case of India", sponsored by United Nations Research Institute in Social Development, Geneva
12. Ravi Srivastava, Centre for Development and Human Rights / Harvard University, Study on Right to Education in India (2002, ongoing).
13. Ravi Srivastava, Indo-Dutch Programme For Alternatives in Development (IDPAD) and the Indian Council for Social Science Research Project (Phase 4) on "Labour Migration and Agrarian Change in Eastern U.P. " (1998-2002, ongoing).
14. S.K. Thorat, Development of Rural Infrastructure in India - A millennium Study on " Farmers of India" Ministry of Agriculture, New Delhi.

Centre for the Study of Social Systems

1. Anand Kumar, Chronic Poverty in India, IIPA
2. Anand Kumar, Old Age Pension Scheme: Case study of Varanasi, Haryana, India

Zakir Husain Centre for Educational Studies

1. Deepak Kumar and V.K. Yadavendu, Project on Bioethics and Society: Constructing Bio-Jurisprudence Enterprise, under UGC Excellence Programme 2002-2005.

Centre for Historical Studies

1. S. Bhattacharya, 'Origins of Indian Social Sciences: explorations in the History of socio-economic and political thought in India, 1850-1950, sponsored by Project of History of Indian Science, Philosophy and Culture, Indian Council of Philosophical Research, New Delhi, commenced in April 2002.

Centre of Social Medicine and Community Health

1. K.R. Nayar Monitoring shifts in health sector policies in South Asia sponsored by European Commission. Coordinator.
2. Ritu Priya Mehrotra, Coordinator of one of the three working-groups of an international collaborative European Union-funded Project at the CSMCH on 'Monitoring Shifts in Health Sectors Policies in South Asia'.
3. Ritu Priya Mehrotra, Member, Central Core Team of the study 'Assessment of Injection Practices in

India (2002-2003)' of the All-India Clinical Epidemiology Network, Clinical Epidemiology Unit, All India Institute of Medical Sciences, New Delhi.

4. Sanghmitra S. Acharya

Following analyses based on published data has been completed as a part of ongoing EU project on 'Monitoring Shifts in Health Sector'.

1. 'Women's Capability and Morbidity-Mortality Among Children- Illustrations From NFHS.
 2. Disparity in Morbidity Among Adults- An analysis of NFHS Data
 3. Socio-economic Determinants of Infant and Chld Mortality in India.
 4. Child Morbidity and Treatment Pattern- An Analysis of Shifts during 1990s.
 5. Differentials in health Care Services Utilisation- An Analysis of Four States- Andhra Pradesh, Madhya Prades,Uttar Pradesh and Haryana.
 6. Knowledge and Awareness of AIDS in selected India States in India- Role of Media.
7. 'Health Care Services Utilisation in Nirpura, District Meerut- Some Issues Examined'- Field work based study to be completed as a part of EU Project.

Group of Adult Education

1. S.Y. Shah, "Evaluations in Adult Education: A Critical Review of Policy, Methods and Findings", sponsored by the International Institute of Adult & Lifelong Education.

VIII. RESEARCH PROJECTS (UNSPONSORED)

Centre for the Study of Regional Development

1. Anuradha Banerjee, "Issues on Population and Sustainable Development in India", with some assistance received from the DSA / UGC programme for the Centre.
2. Kusum Chopra, "Uneven Access to Food: A Study of Regional Disparities in India".
3. Atiya Kidwai, "Territorial and Social Identities in India- A Study of Historical Geography"
4. Aslam Mahmood, Recent Trends in Literacy and its Determinants in India
5. Sarsswati Raju, Poverty, Ecology and Women's Work: Responses to Globalizing Market

Centre of Philosophy

1. P. B. Mehta, Ethics in an Imperfect World, The Idea of Constitutionalism

Centre for the Study of Social Systems

1. Ehsanul Haq, Sociology of Education

2. Susan Visvanathan, Understanding Ramana Maharshi

Zakir Husain Centre for Educational Studies

1. S.Srinivasa Rao, Managing Diversity and Excellence in Indian Higher Education: A Comparative Study of general and Professional Higher Education Institutions.
Preparing Teachers for Diversity: Impact of Training on College Teachers.

Centre for Historical Studies

1. Indivar Kamtekar, 'The End of the Colonial State in India, 1942-47'.
2. Kunal Chakrabarti, Imaging the Forest in Indian Tradition.
3. Ranabir Chakravarti, 'Craftsmen, Merchants and Urban Society, 'Social History of Ancient India (PHISPC project) under the editorship of Prof. B.D. Chattopadhyaya.

Centre of Social Medicine and Community Health

1. Ritu Priya Mehrotra, Debates on Evolving a Holistic Epidemiology and Public Health
2. K.R.Nayar, Role of Self-help Groups in health care (with Oliver Razum, University of Heidelberg, Germany)

Group of Adult Education

1. Shantha Krishnan, "A Study of semi-nomadic traditional artisans of Gadia Lohar community"

IX. FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA.

Centre for Studies in Science Policy

1. V.V.Krishna , Science, Technology and Development Ph.D Workshop/Seminar 1 to 6 December, 2002, Organised by the University of Western Sydney (Hawksbury Campus), Sydney, Australia; paper presented on Science and Technology in the Developing Countries: What Options for Development?
2. Nasir Tyabji, Conference on Industrial-Academic Relationships in the Chemical and Molecular Sciences organized by the Commission on the History of Modern Chemistry, Division of the History of Science, The International Union of the History and Philosophy of Science and the Chemical Heritage Foundation, Philadelphia, October 3-5, 2002. Paper presented: "Exemplar of Academia - Industry Interchange: The Department of Chemical Technology at Bombay University".
3. V. V. Krishna, Society for the History of Science (SHOT) Annual Meeting, Toronto, October 17-20 2002, Toronto

4. K.J. Joseph, Growth of ICT and ICT in Development: The Indian Experience, paper presented at the WIDER conference on New Economy in Development held on May 10&11 in Helsinki. Published as WIDER Discussion Paper No 2002/78 August 2002.
5. K. J. Joseph, Presented a seminar on the ICT Boom in India: Challenges Ahead at the Science Policy Research Unit, University of Sussex, U.K. on 13 May 2002.
6. K. J. Joseph, Participated in the OECD-IPS Work shop on Promoting Knowledge-based Economies in Asia 21-22 November 2002 and contributed a paper entitled Growth of ICT and Harnessing it for Development: The Indian experience
7. K. J. Joseph, Participated in the OECD Global Forum: Policy Frameworks for the Digital Economy, held in Honolulu, Hawaii, 14-17, January 2003.

Centre for Political Studies

1. Zoya Hasan, Lead Commentator on Martha Nussbaum's Tanner Lectures on Human Values, Australian National University, Canberra, November, 2002.
2. Sudha Pai, UNRISD book project on "Education as a Social Movement" organized at the Uppsala University, Sweden, November 18-19, 2002. Presented a paper "Universal Elementary Education in India: An Explanatory Study of Movements in Civil Society" forthcoming in a volume to be published by UNRISD.
3. Gurpreet Mahajan, "Accommodating Internal Minorities: the Limitations of Multicultural Theory and Practice", International Conference on Minorities within Minorities: Equality, Rights and Diversity, University of Nebraska, Lincoln, USA, October 4-5, 2002.
4. Gurpreet Mahajan, "Women, Gender and Equality: Where Do We Stand Today? - A Perspective From India", at the Women Studies Colloquium, University of Nebraska Lincoln, October 3, 2002.
5. Gurpreet Mahajan, "Religion and State in India", South Asian Studies, Princeton University, October 9, 2002.
6. Gurpreet Mahajan, Discussant for the paper on Religious Minorities and the State in India", International Conference on Democracy and Pluralism, UPIASI, January 24-25, 2003.
7. Gurpreet Mahajan, Discussant for the Paper on Tradition, Modernity and Reason and Chairperson for the session. A Comparative Study of India, Annual Conference of NETSAPPE (Network of South Asian Politics and Political Economy), July 1-3, University of Michigan, Ann Arbor, 2002.
8. Kuldeep Mathur, Committee of Experts in Public Administration, United Nations, New York, July 2002.

Centre for the Study of Regional Development

1. G.K. Chadha, Visited Libya under the framework of promoting Indo-Libyan Friendship to meet counterparts in Educational Institutions for exchange of views and experiences in the field of education between the two countries, May 19-3, 2002.
2. G.K. Chadha, Seminar on "South East Asian Regional Development Studies" organized by Nihon Fukushi University, Okuda, Japan, during 21-27 August 2002

3. G.K. Chadha, Biennial Conference of League of World Universities on "Citizenship and Identity in Higher Education" held in New York during 26-27 September 2002.
4. G.K. Chadha, Participated in a collaborative Ministry of Agriculture, Bhutan-NCAP-IFPRI, Washington workshop on "Agricultural Diversification in South Asia" held at Paro, Bhutan during 21-23 November, 2002. Spoke on "Agro Industrialization in India".
5. G.K. Chadha, Participated in the Knowledge Network meeting on International Migration held at Geneva, Switzerland on 16 December 2002.
6. Satish M. Kumar, "From Democracy to Governance: Changing Perspectives on Poverty from the Ivory Tower of Development", in the 3rd Annual Volunteers Day under the theme "Fighting World Poverty", organised by War on Want, Northern Ireland, UK, 2002
7. Satish M. Kumar "Peer Observation of Teaching" Represented Queen's University Belfast in Regional Seminar on Peer Observation of Teaching at the All Ireland Society for Higher Education. Belfast Castle. 30 May, 2002
8. Amitabh Kundu. Attended a Seminar organized in Germany and presented a paper on 'Financial Markets in India', February, 2003
9. Sudesh Nangia, IUSSP Regional Conference, Pattern of growth of Megacities in India" (with Tapas Biswas), Department of Population Studies, Chulalongkorn University, Thailand, Bangkok, June 10-13, 2002
10. Saraswati Raju, Workshop UNU/RTC on Environment and Human Security, Bonn, Germany, October 23-25, 2002
11. Saraswati Raju, International Conference "Global Aspirations and Embedded Contexts: Gender and Vocational and Skill Formations in Segmented Labour Market : A Case of Delhi, Business Systems and Institution in Industry and Agriculture, Mombasa, Kenya, September 26-27, 2003
12. Saraswati Raju, 3rd International Conference of Critical Geography, "Critical Geographical Praxis- an Overview from India" Plenary Lecture, Bekescsaba, Hungary, June 25-30, 2002
13. IGU Gender and Geography Commission Workshop on Placing Gender/Making Policy, "Foregrounding Women Missing Gender: Policy Intervention Creates `Thus Far and No Further', Supportive Influences - A Case From India?" , Toronto, Ontario, Canada, May 31-June 2, 2002
14. Atul Sood, EU-India Network Meeting on Trade and Development, "Voluntary Codes and Indian Labour", Brussels, Belgium, May 21-22, 2002
15. S.K. Thorat, Conference on Beyond Durban- Caste and Race Dialogue, Paper on "Caste, Race & U.N. perspective on Discrimination- Coping with Emerging Challenges from Asia " Centre for South Asia Studies, University of Iowa, Iowa (USA) on 4th & 5th October'2002,
16. S.K. Thorat, Conference on Challenging Caste: Ideologies, Violence, Creativity, Paper on Enforcing Ideology Through Power and Violence - Experience of Caste Discrimination of Dalits. Wisconsin University, Madison (USA).

Centre of Philosophy

1. P. B. Mehta, Varieties of Liberalism, Foundation for Future Generations, Kyoto, Japan, April 2002
2. P. B. Mehta, NETSAPPE, Michigan University, June 2002
3. P. B. Mehta, Humanitarian Intervention Reconsidered, American Political Science Association, Boston, Sept, 2002 (in conjunction with American Society for Applied and Legal Philosophy)
4. P. B. Mehta, Popper, Hayek and the Critique of Rationalism, Christchurch NewZeland, November, 02

5. P. B. Mehta, Global Development Network, Cairo, Jan 2003

Centre for the Study of Social Systems

1. Dipankar Gupta, Keynote Speaker, "Meeting Felt Aspirations: Globalisation or Equity from an Anthropological Perspective", organized by Global Development Network, Cairo.
2. Anand Kumar Key-note Address on "Globalisation of Democracy and relevance of Gandhi", World Conference on Globalisation of Democracy, Trans National Party, Geneva, April 4-7, 2002.
3. Anand Kumar, Key-note Address on "Religious Violence in South Asia", Amsterdam University, Amstardam, November 5, 2002
4. Anand Kumar, Key-note Address on "Issue of Tibet between Hope and Despair", Arnold Bergestrabzer Institute, Freiburg, Nov. 7, 2002
5. Anand Kumar, Key-note Address on "Globalisation, Nationalism & Terrorism: Rediscovering Gandhi", A.B. Institute seminar Freiburg University Public Lecture Series, A.B. Institute, Freiburg University, Freiburg, November 18, 2002.
6. Anand Kumar, "Nation building in the era of globalisation", International seminar on Nation building and Globalisation and Peace Development Foundation, Bonn, December 11-12, 2002.
7. Tiplut Nongbri, Speaker, "Matrilineal Kinship Systems: A Comparative Analysis of the Khasi of North-East India and the Mosuo of Yunnan" at a Conference on 'Chinese Family History Studies' organised by Nankai University, Tianjin, People's Republic of China, 9-12 August, 2002.
8. Tilput Nongbri, Speaker, "Poverty and Indigenous Peoples with special reference to India" at a seminar 'Indigenous Peoples and Poverty' in Tomelila, Sweden, organised by IWGIA, Denmark and SIDA, Sweden, 13-16 November, 2002.
9. Renuka Singh, Speaker, "Gender Studies in India", Sorbonne, Paris, University of Paris, June 13, 2002
10. Renuka Singh, "Discussant, Literature & Indian Diaspora", Indian Literary Society, New York, June 29, 2002

Zakir Hussain Centre for Educational Studies

1. Karuna Chanana, Presented a Paper on 'Higher Education in a Globalised World: Redefining Research Goals and Priorities at the First Meeting of the Regional Scientific Committee for Asia and the Pacific', UNESCO Forum on Higher Education, Research and Knowledge, UNESCO, (Paris), Bangkok, 27-28, February 2003.
2. Deepak Kumar, Participated at an International Conference on Asian Medicine, University of Pittsburgh, USA, November 14-16, 2002.
3. Deepak Kumar, Conference of International Association of Historians of Asia, Dhaka, 18-22, December, 2002.
4. Deepak Kumar, International Conference on the Forest and Environmental History of the British Empire, University of Sussex, 19-21, March 2003.
5. Binod Khadria, Symposium on Brain Drain, Brain Gain or Brain Transfer - Losing their minds?, organized by the Flemish Inter-university Council, Centre for Equal Opportunities and Opposition to Racism, The Higher Institute of Labour Studies (University of Leuven), ILO and IOM, at the Federal Parlia-

ment of Belgium, Brussels, May 24, 2002. Conducted the workshop on The Emigration of Knowledge Workers, and presented a paper entitled, "A Closer Look into the Shifting Paradigm of Brain Drain: Antithesis to the Emergence of Circulatory Migration of Knowledge Workers from Developing Countries as a Built-in Remedy."

6. Binod Khadria, 5th Asia-Pacific Migration Research Network Conference on the subject of Migration and Poverty, at Fiji. 23-26 September, 2002. Invited as Regional Co-ordinator for India, Invited Paper: 'High-Skill Emigration and Poverty Alleviation in India: Towards Modelling the Preference for a Positive Relationship'

7. Binod Khadria, International Conference on Globalization, Education and Language, November 15-16, 2002, Tamkang University, Tamsui, Taipei, Taiwan. Invited paper: 'Globalization of Education: Policy Concerns in the Emerging Trends of Embodied and Disembodied Mobility of Knowledge.'

8. Binod Khadria, International Colloq organised by IUED, Geneva, and IRD Paris, at Geneva, 21-22 Nov. 2002, on "Development through Knowledge ? A new look at the global knowledge-based economy and society." Paper presented: 'Development Tales in Economics: Surfing the Universe of Discourses on Knowledge.'

9. Binod Khadria, NESTI Workshop on Human Resources Devoted to Science and Technology, by OECD at Paris on 7 March 2003, Paper presented: "Indian HRST and International Mobility of Highly Skilled Labour - Presentation of Data, Data Sources, and Case-studies."

10. Dhruv Raina, Dhruv Raina and Agathe Keller, "The Prehistory of Proof: From Colebroke to Thibaut", Workshop on The History and Historiography of Proofs in Ancient Traditions, Paris, 15-17 May, 2002.

11. Dhruv Raina, S.Irfan Habib and Dhruv Raina, "Reinventing Traditional Medicine: Three Projects on Method, Institutional Change, and the Manufacture of Drugs and Medication in Late Colonial India", Conference on Asian Medicine: Nationalism, Transnationalism and the Politics of Culture (presented by S.Irfan Habib), Pittsburgh, 14-16 November 2002.

Centre for Historical Studies

1. Ranabir Chakravarti, 'Environment and History' under the auspices of JNU and Sussex University December, 2002.

Centre of Social Medicine and Community Health

1. Imrana Qadeer, Second review Meeting: Study on 'Monitoring Shifts in Health Sector in South Asia' Colombo, Sri Lanka, August 26 - 27 2002. Faculty of Medicine, University of Colombo, Sri Lanka.

2. Imrana Qadeer, RIAGG MAASTRICHT- Workshop on Methodology of Health Systems Research, "Monitoring Shifts in Health Sector Policies in South Asia", Kathmandu, Nepal, November 23-25, 2002

3. Mohan Rao, Ninth International AWID(Association for Women in Development) Conference, Guadalajara, Mexico, 3-6 October 2002.

4. Mohan Rao, Sixth Asia Pacific Social Science and Medicine Congress, Kunming, China, 14-18 October 2002.

5. Mohan Rao, Women's Global Network for Reproductive Rights and Cornerhouse, U.K, meeting on "Women, Public Health, Population and Globalisation", Dorset, 27-30 March 2003.

6. Rama V. Baru Workshop in 'Methodology of Health Systems Research' Organized by RIAGG, Meastricht at Kathmandu, Nepal, November 23-25, 2002.

7. Rama V. Baru Globalisation and Social Policy, Organised in Collaboration with ILO and WHO, 26-28 September 2002 in Dubrovnik, Croatia
8. Rama V. Baru, Workshop on "Commercialization of Health Care: Global and Local Dynamics and Policy Responses", UNRISD, Geneva, March 3-5, 2003.
9. K.R.Nayar, ATHOEG Seminar Series: Current Research in International Public Health. Department of Tropical Hygiene and Public health, University of Heidelberg, Germany. Presented a seminar on "Self Help in health care: Third Way or No way?" July 23, 2002.
10. K. R. Nayar, GTZ sponsored fact-finding mission headed by the Secretary, Health and Family Welfare, Government of West Bengal. Presented on Health Systems Development and Decentralization. University of Heidelberg, Germany, July 31, 2002.
11. Ritu Priya Mehrotra, Presentation on 'Health System's Response to Communal Violence in Gujarat' at the Conference of the International Federation of Health and Human Rights Organisations on 'Right to Health: Implementation and Monitoring', Soesterberg, the Netherlands, 24-26 May 2002.
12. Sanghmitra S. Acharya, Monitoring Shifts in health Sector Organised by Department of Community health, University of Colombo, Sri Lanka, during 26-27 August 2002.
13. Alpana Sagar, Colombo Sri Lanka Second Review Meeting: Study on Monitoring Shifts in Health Sector in South Asia, "A consideration of some issues in nutrition trend in India."

Centre for Economic Studies & Planning

1. Arun Kumar Helsinki Conference 2002: Searching for Global Partnerships. Organized by the Minister of Foreign Affairs, Finland and Crisis Management Initiative, Finland in the Hall of Estates, Helsinki. December 2-4, 2002.
2. C P Chandrashekar "Finance and Real Economy: The Global Conjuncture", Annual Conference, Economic Research Centre, Middle Eastern Technical University, Ankara, September 12, 2002.
3. Jayati Ghosh "Export-oriented employment for women in South Asia: Patterns and policy issues", at Conference on "Gender and Macroeconomics", Levy Economics Institute of Bard College, New York, 8-10 May 2002.
4. Jayati Ghosh, "The economics of war" at Conference on "War in South Asia", Woodrow Wilson International Center for Scholars, Washington, D.C., 15 May 2002.
5. Jayati Ghosh, "Imperialist globalisation and the political economy of South Asia", Sixth International Conference in Economics, Middle Eastern Technical University, Ankara, Turkey, 11-14 September 2002.
6. Jayati Ghosh, "Women's work, productivity and growth in export-oriented manufacturing in South Asia", ADB Workshop on "Gender, macroeconomics and trade", Manila, Philippines, 13-14 November 2002.
7. Jayati Ghosh, "Is there a trade-off between employment and working conditions for women in Asia?" Miriam College and University of Philippines Seminar on "Women workers and the international economy", Manila, the Philippines, 15 November 2002.
8. Jayati Ghosh, Organised IDEAs international conference on "International finance and the macro-economic policies of developing countries", December 2002, Muttukadu, Tamil Nadu, and presented a paper on "Independent or irrelevant? The political economy of central banking in the brave new world".

9. Praveen Jha, Presented a paper in a Conference of the International Budget Project of the Centre for Budget and Policy Priorities, Washington. The Conference was held in Mexico City from 10 - 13 March 2003.

Group of Adult Education

1. S.Y. Shah participated and presented a paper on "Financing of Adult Education in India" at South Asia Consultation on CSO Policy Engagement in EFA Workshop organised by the Asian South Pacific Bureau of Adult Education and Dhaka Ahsania Mission at Dhaka on December 21, 2002.
2. S.Y. Shah participated and presented a paper on "Overview of Training Approaches for Training Grassroots level Facilitators in India" at the International Expert Meeting organised by the UNESCO Institute for Education and University of South Africa at Pretoria on January 7, 2003.

X. FACULTY PARTICIPATION IN CONFERENCES IN INDIA

Centre for Studies in Science Policy

1. Ashok Parthasarathi, Organisational Retreat by the leading NGO, Gene Campaign, New Delhi, March 6, 2003
2. Pranav N. Desai, Convener, National Symposium on Power of Science and Technology, Violence and Society : A Need for Paradigmatic Shift : XXVI Indian Social Science Congress January 22-26, 2003 Andhra University, Visakhapatnam Paper presented "Power of Science and Technology, Violence and Society : A Need for Paradigmatic Shift".
3. Nasir Tyabji Seminar on Alternatives for India in the Context of Globalisation organized by the journal Social Scientist and the Dr Gadgil Centenary Committee, Jawaharlal Nehru University, September 14-15 2002, Paper presented "Learning to innovate vs. Learning to manufacture: Towards an Alternative Technology Strategy"
4. Nasir Tyabji, Conference on the Environmental History of Asia organized in New Delhi by the Zakir Hussain Centre for Educational Studies, Jawaharlal Nehru University and the University of Sussex, U.K., December 4-7, 2002. Sessional Chairperson and Sessional Discussant.
5. Nasir Tyabji, Organisational Retreat organised by the leading NGO Gene Campaign, New Delhi, March 6, 2003.
6. K.J. Joseph "Slip between the Cup and the Lip: An Analysis of Approved and Realized FDI in India" (jointly with Mahesh Sarma and Nimesh Chandra) This paper was presented at a workshop organized by the Consumer Unity & Trust Society (CUTs) on Competition, Regulation & Investment: Role in Economic Growth held in Chennai on 8-9 June 2002.
7. K. J. Joseph, Moving up or Lagging Behind in Technology? An Analysis of India's ICT Sector, paper presented at the international seminar on ICTs and Indian Development, jointly organized by the Institute of Social Studies at the Hague, the Netherland , and the Institute of Human Development (IHD), New Delhi, 9-11 December 2002, Bangalore.
8. K. J. Joseph, Perils of Excessive Export Orientation: The Case of India's ICT Sector, presented in the seminar on Indian Development organized jointly by the School of Public Policy, George Mason University, Virginia, U.S.A. and the Department of Management Studies, Indian Institute of Science, March 3-5, 2003,

Bangalore.

9. K. J. Joseph, The IT Factor in Globalization, Pandit Hridaynath Kunjru Memorial Lecture delivered at the School of International Studies, Jawaharal Nehru University (JNU), April, 18, 2002
10. K. J. Joseph, Growth Performance of India's ICT Sector, two sessions at the Academic Staff College on 19 August, 2002.
11. K. J. Joseph, India's ICT Boom: Challenges Ahead, two sessions at the Academic Staff College on 7-8 October, 2002

Centre for Political Studies

1. Zoya Hasan , Writers Retreat, Organised by Roli Books, Mussoorie, November
2. Zoya Hasan, Diversity of Muslim Women's Lives in India", Nehru Memorial Museum and Library, New Delhi, December, 2002.
3. Balveer Arora "ICSSR Workshop on Election Process in India", India International Centre, New Delhi, 10 April 2002.
4. Balveer Arora, Round Table on "Mechanisms of Inter-Governmental relations in India", New Delhi, Institute of Social Sciences and Forum of Federations, (Canada), 26 April 2002.
5. Balveer Arora, Workshop on "Reorganisation of Delhi" Government of Delhi NCT, Delhi Secretariat, 11 January 2003.
6. Balveer Arora, Panel discussion on "Expansion of the European Union and its Ramifications", Indian Council of World Affairs, Sapru House, New Delhi, 15 January 2003.
7. Balveer Arora, Seminar on "Democracy and Diversity: India and the American Experience", University of Pennsylvania, Institute for the Advanced Study of India, New Delhi, 25 January 2003.
8. Balveer Arora, Lecture on "Interface between foreign and Domestic Politics", Academic Staff College, JNU 4 October, 2002.
9. Sudha Pai Giri Institute of Development Studies, Lucknow, Three Day National Seminar "Deprivation and Development: Options and Strategies for Uttar Pradesh", 21-23rd March 2003. Presented a paper, "Deprivation and Development in UP: the Economic Agenda of the BSP".
10. Sudha Pai, Centre for Social and Economics Studies, Central University, Hyderabad, "Politics of Economic Reform in India" April 4-6, 2002. Presented a paper "Populism and Economic Reform in UP: the BJP Experiment". The papers are being published in a volume.
11. Gurpreet Mahajan, "Accommodating Differences in a Plural Society: Three Responses from Pre-Independence India", Seminar on Political Ideas in Modern India, Centre for Studies in Civilization, Project of History of Indian Science, Philosophy and Culture March 30-31, 2003.
12. Gurpreet Mahajan, "Rethinking Multiculturalism", Conference on Political Theory in the Era of Globalization, Department of Political Science, Central University, Hyderabad, January 3-5, 2003.
13. Gurpreet Mahajan "Ethics of Discrimination: Gender, Caste and Religion", Workshop on Applied Ethics Gargi College, Delhi University, August 29, 2002.
14. Gurpreet Mahajan, Discussant for the paper on Reservations for Scheduled Castes, "Seminar on Reservations and Political Representations, Centre de Sciences Humaines, New Delhi, April 22, 2002.
15. Gurpreet Mahajan, "Postmodernism", Acadmic Staff College, JNU.
16. Gurpreet Mahajan, Multiculturalism, Academic Staff College, JNU
17. Gurpreet Mahajan, "Contemporary Liberal Theory", Academic Staff College, JNU

18. Kuldeep Mathur, International Seminar on Globalization, good Governance and administrative Reforms Indian Institute of Management, Calcutta, April 2002.

Centre for the Study of Regional Development

1. Anuradha Banerjee, Training programme on " GIS, Technology and Applications", Indian Institute of Remote Sensing, National Remote Sensing Agency, Department of Space, Government of India, Dehradun, 3 June- 26 July, 2002
2. Anuradha Banerjee, XXII INCA Congress on "Convergence of Imagery, Information and Maps", Ahmedabad, October 30 to November 1, 2002.
3. Anuradha Banerjee, Training programme on "Urban Environment Management", Indira Gandhi Institute of Development Research, Mumbai, 2 to 6 December, 2002.
4. B.S. Butola, International Seminar on "Livelihood Option and Oversea Development Institute , by DFDI, Delhi, October 2002
5. B.S. Butola, International Conference on "Environmental History of Asia", Zakir Hussain Centre for Educational Studies, JNU and University of Sussex, U.K., Delhi, December 4-7, 2002
6. G.K. Chadha, Participated in a symposium on "Relevance and Significance of Social Sciences Activities and Research" organized by Indian Association of Social Sciences , Suraj Kund, Haryana. 14 May 2002.
7. G.K. Chadha, Addressed a session on "Opportunities for students and stress on parents" at the AHEAD-2002 a Conference-cum-Exhibition organised by ASSOCHAM, on 9 June 2002;
8. G.K. Chadha, Chaired the Vth Session "Issues of Development" at ICWA Seminar on "India and Africa : New Horizons" held on 14 June 2002.
9. G.K. Chadha, Presented a study paper on "India" at the Global Research project workshop organised by SANEI, 29 July 2002
10. G.K. Chadha, Delivered keynote address at the "National Seminar on Development of Indian Economy : The Post Reform Scenario" organized by Panjab University, Chandigarh on 2 August 2002. Presented a paper on Globalization and Its Impact on Indian Economy
11. G.K. Chadha, Participated in the National Seminar on "Challenges in Higher Education in the New Millennium" organized by Bundelkhand University at Jhansi during 6-7 October 2002.
Also attended the AIU's North Zone Vice-Chancellor's Conference at Bundelkhand University, Jhansi on 7 October 2002.
12. G.K. Chadha, Participated in a National Seminar on Methodological issues organized by CACP on 6 November 2002 at New Delhi.
13. G.K. Chadha, Participated and Chaired a session at the Seminar on "Agriculture Trade Liberalization and South Asia - Implications and Options" organized by RIS at New Delhi.
14. G.K. Chadha, Participated in the National Dialogue held under the World Commission on Social Dimensions and Globalization on 11 December 2002.
15. G.K. Chadha, Participated in the 44th Annual Conference of the Indian Society of Labour Economics held at GND University, Amritsar and presented a paper on "Rural Non-Farm Employment in India" held during 15-17 December, 2002.
16. G.K. Chadha, Delivered Presidential address at the 62nd Annual Conference of the Indian Society of Agricultural Economics held in New Delhi during 19-20 December 2002.
17. G.K. Chadha, Rural Non-Farm Sector in Indian Economy: Growth, Challenges and Future Direction, Paper Read at Collaborative JNU-IFPRI Workshop on "The Dragon and the Elephant: A Comparative

Study of Economic and Agricultural Reforms in China and India", 25-26 March 2003.

18. G.K.Chadha, Employment in Unorganised Manufacturing in India: Post-Reform Trends and Future Directions, (jointly with P.P. Sahu), Paper Read at National Seminar on the Results of NSS 56th Round, 21 March 2003.
19. G.K. Chadha, Indian Economy on Cross Roads: Emerging Challenges & Opportunities, Academic Staff College, JNU on 5 August, 2002
20. G.K. Chadha, Participants of Refresher Course in Economics, Academic Staff College, JNU
21. Narayan,C. Jana Seminar on "Alternatives Before India in the Context of Globalization" D.R.Gadgil Centenary Committee & Social Scientist, JNU,New Delhi, September 14-15, 2002
22. Narayan, C. Jana 15th Statutory Conference on "World Federation of Teachers Unions" and International Seminar on "Save and Strengthen Public Education, AIFUCTO, New Delhi, December 13-15, 2002
23. Narayan C. Jana 2nd International Conference on "Sustainable Agriculture, Water Resources Development and Earth Care Policies", Bhoovigyan Vikas Foundation, New Delhi, December 18-20, 2002.
24. Narayan C. Jana Attended International Seminar on River Floods: A Socio-Technical Approach ,organised by Natural Disaster Management Cell , Visva Bharati in collaboration with Akhil Bharat Bhuvvidya O Paribesh Samiti , Santiniketan , 14 , 15 & 16 Feb., 2003 (presented paper entitled 'Major Floods of the World in 1990s: Lessons for Flood Management in India').
25. Narayan C. Jana Attended 3rd Annual Conference of Bharata Vidya Charcha Kendra on Commerce and Culture: Indian Context , 15-16 Feb., 2003 , Burdwan (presented paper entitled 'Is Globalisation A Threat to Indian Culture?').
26. Atiya Kidwai, Attended Conference on Urgent Issues in Displacement, Resettlement and Rehabilitation organized by IGNOU-World Bank, February 6-7, 2003 (chaired a session), presented a paper "Development Induced Population Displacement : case studies from urban India" with Jay Drydyk, Carleton University, Canada
27. Atiya Kidwai, Training Workshop on "Sustainable Rural and Town Planning" organized by the Environmental Law Management Capacity Building Project, BHU Law School, February 22-23, 2003 (Chaired a session), presented a paper "The Concept of Sustainable Development and the current practice of urban planning in India: A case study of Bangalore)
28. P.M. Kulkarni, Seminar on Reproductive and Child Health Policy Issues in Uttaranchal, , organized by Govt. of Uttaranchal. Paper presented:
29. P.M. Kulkarni, "Unmet need for contraception in Uttaranchal- Evidence from the NFHS-2 and the RCH Survey"; Dehradun, 2-3 May 2002 also Chair: Session on Role of other Agencies.
30. P.M. Kulkarni, Seminar on Emerging Issues in Population and Health in the Southern states of India, Bharathiar University, Coimbatore, 5-6 August 2002, organized by the IASP. Paper presented: "Do states in the southern region need to formulate state population policies?".
31. Satish M. Kumar, Noble Savages to Gentlemen': Discourses of Englishness and Identity Among the Tribals of Northeast India". National Seminar Northeast: Challenges and Responses, ,Nehru Memorial Museum and History, New Delhi, India (jointly with S.Nag), 19-20 December, 2002
32. Satish M.Kumar, "Education, Skills and the Labour Market in a Globalised World: A Case of India". Paper presented in 44th Annual Labour Economics Conference, Panjab School of Economics, Guru Nanak Dev University, Amritsar. (jointly with R.K.Sharma and S. Meher), , Dec, 15-17 2002
33. Satish M. Kumar, "Structure and Trends in the Informal Sector: A Case of Northeast India" National Seminar on Globalisation, Employment, Migration and Trade: Relevance for the Northeastern Region of India. NEHU, 22-23 November, 2002
34. Satish M. Kumar, " Post-Angelis in Geography: Realistic assessment of Discourses". Department of

Geography, Kirorimal College, Delhi University. August, 2002

35. Satish M. Kumar "Environmental Implication of Urbanisation in the Third World". Presented in 27th Refresher Course in Economics", at the Academic staff College, JNU, 14 September 2002.

36. Aslam Mahmood, "Resource person in Commonwealth Bureau of Geographers Workshop". and presented a paper on Population Growth , Economic Development and Food security in India. Ghaziabad April 2002

37. Ashok Mathur, Seminar on Jharkhand: A Development Vision and paper presented on "Eco formation and Human Development in Jharkhand: An Overview", UNDP, Govt. of Jharkhand and IHD (jointly with Neera Ramachandran et.al.

38. Ashok Mathur, Annual Conference of the Bihar Economic Association, "Towards Economic Re-surgence of Bihar",

39. Ashok Mathur, Seminar on Deprivation and Inclusive Development: Options and Strategies for U.P., "Two Facets of Economic Deprivation in India: Unemployment and Poverty", Giri Institute of Development Studies, Lucknow.

40. Ashok Mathur, Seminar on Poverty and Food Security in India: Problems and Policies, Chairman and Discussant at a Session, Jamia Millia University, New Delhi

41. Ashok Mathur, Seminar on Traditional Crisis in Green Revolution Belt and Response of Public Policy, Punjabi University, Patiala.

42. Ashok Mathur, Seminar on Economic Reforms and the Labour Commission Report, Institute for Human Development, New Delhi

43. Sudesh Nangia, Attended Seminar on Demographic Dynamism in India with a Focus on 2001 (chaired a session), presented a paper entitled 'Population Growth and its Impact on Environment in Mega Cities of India', Deptt. of Geography, Punjab University, Chandigarh, February 11 - 12, 2003.

44. Sudesh Nangia, Attended Annual Geography Conference on Population and Development, Hindu College, Almora, U. P., 23 Feb., 2003

45. Sudesh Nangia, Attended DSA - UGC Sponsored Seminar on Spatial Information Technology for Sustainable Agricultural Development (chaired a session), Deptt. of Geography, Delhi School of Economics, Delhi University, February 21-22, 2003, Delhi

46. Sudesh Nangia, Attended Workshop on Dragon and the Elephant: A Comparative Study of Economic and Agricultural Reforms in China and India, jointly organized by IFPRI & JNU, March 25 - 26, 2003, New Delhi.

47. Saraswati Raju, Workshop on "Population and Development Education Project, Central Directorate of Adult Education and UNFPA, May 17,2002

48. Saraswati Raju Seminar on Towards Fresh Insights, "Emerging Literacy Scenario- What do the 2001 Census data Tell Us?", India International Centre, New Delhi, July 2002

49. Saraswati Raju, Workshop on Progress of Literacy in India : What the Census 2001 Reveals?, "Maharashtra: A Socio-spatial Analysis of Literacy Trends with Special Reference to 2001 Census", (with Barnali Biswas), October 5,2002

50. Saraswati Raju, 44th Annual Conference , "Gendered Labour Market and Skill Formation in Delhi", Indian Society of Labour Economics, Amritsar, December 15-17, 2002

51. Milap C. Sharma, Workshop on 'Gangotri Glacier', organized by Geological Survey of India, Glaciology Division, Sponsored by DST, Govt. of India, March 26-28, 2003, Lucknow, and presented a paper in the workshop entitled "Glacial Geomorphology and Trends in Fluctuation of the Gangotri Glacier, NW Garhwal"

52. R.K. Sharma, Annual Conference Indian Society of Labour Economics, CNDU, Amritsar, December 2002
53. Harjit Singh, "Environment, Society And the Problems of Development in the Cold Desert of Ladakh" Appropriate Development of Cold Deserts, Pragma Western Himalayas Programme, Ministry of Rural Development, India International Centre 9 & 10 May 2002
54. Harjit Singh, "Environment: Science and Technology Intervention for Conservation and Regeneration" Science and Technology to Energize the Mountains IIC New Delhi 1-2 November 2002
55. Harjit Singh, "Regional Disparity In China and Future Development" Northern Regional Centre ICSSR New Delhi 14 November, 2002
56. Harjit Singh, "Aspects of Distribution and Growth of Population in the Indian Himalayas (Census 2001)" National Seminar on Demographic Dynamism in India with A Special Focus on Census 2001, Department of Geography, Panjab University Chandigarh February 11-12, 2003.
57. K.S. Sivasami, Seminar on Professor S.P.Chatterjee's Life and Contribution Towards Society, "Professor Chatterjee and Hydro Geomorphological Studies", Calcutta, August 1-19, 2002
58. S.K. Thorat, Caste and Economic Discrimination-Reflection on Theory, Concept and Consequences, Seminar Organized by Department of Political Science Goa University, Punji, on 15 November'2002,
59. S.K. Thorat, Institution and Economic Growth, Academic Staff College, JNU 6 August, 2002
60. M.D. Vemuri, National 'Workshop on Infant Mortality: Levels, Trends and Interventions', Registrar General and Census Commissioner, New Delhi, April 11-12, 2002.
61. M.D.Vemuri, Seminar on 'An Introduction to China's Regional Disparity and its Future Development' Northern Regional Centre, ICSSR and CSRD, JNU, November 14, 2002.
62. M.D. Vemuri, International Seminar on 'The Dragon and the Elephant: A comparative Study of Economic and Agricultural Reforms in China and India', jointly organized by IFPRI & JNU, New Delhi, March 25-26, 2003
62. M.H. Qureshi, Conceptualising India, Academic Staff College, JNU on April 15, 2002

Centre of Philosophy

1. P. B. Mehta, The Idea of Collective Responsibility, DIVA, New Delhi, Sept 2002
2. P. B. Mehta, Ethics and Politics, Gargi College, Delhi University, Nov 2002
3. P. B. Mehta, Against Toleration, Delhi University, Nov 2002
4. P. B. Mehta, Kant and Theodicy, CSDS, Delhi, Dec 2002
5. P. B. Mehta, Against Composite Culture, Conference on Living Together Separately, Jamia Millia Islamia, Dec, 2002
6. P. B. Mehta, Translating Democracy, PHISPC, New Delhi, Dec 2002
7. P. B. Mehta, The Dilemma of Muslim Politics, Zakir Hussain Memorial Lecture, Delhi, Feb 2003
8. P. B. Mehta, Citizenship and the Nation State, CSSC conference, Goa, Feb 2003
9. P. B. Mehta, Post Democracy, International Association of Jurists, 2003
10. P. B. Mehta, The Ethics of Toleration, University of Pune, March 2003
11. P. B. Mehta, The Triumph of Hindutva, PHISPC, March 2003
12. P. B. Mehta, Ethics and Evil, Conference on the Eighteenth Century, Delhi University, March 2003
13. P. B. Mehta, Burke, Furet and the Question of Terror, Delhi University, March 2003

Centre for the Study of Social Systems

1. Yogendra Singh Participated in a seminar on "Building Human Capabilities: Towards a Knowledge Society", October 25-26, 2002.
2. Yogendra Singh, Delivered Valedictory Address "From Words to Things: Contemporary Challenges to Sociology & Its Methods", at the 18th All India Sociological Conference, December 20, 2002, Kanpur.
3. K.L.Sharma Participated and inaugurated the "Fifth Refresher Course in Sociology", at the UGC Refresher Course Centre, Rajasthan Vidyapeeth University, Udaipur, January 3-23, 2003.
4. K. L. Sharma, Participated in the Conference of the Chairpersons, Members and Member-Secretaries of the State Backward Classes Commission and Secretaries of the State Government/UT Administrations dealing with the Welfare of Backward Classes organised by National Commission for Backward Classes, Govt. of India, New Delhi, February 18-19, 2003.
5. K. L. Sharma, Presented a paper on 'Culture, Economy and Social Stratification: A Study of Chanderi: A Small Town in Madhya Pradesh' in a seminar on "Sociology of Religion in India" (in honour of Prof. C.N.Venugopal) on 15 April 2002
6. K. L. Sharma, Presented a paper on "The Tamil Diaspora, Ethnicization and State in Contemporary Sri Lanka" in a seminar on "Indian Diaspora" (in honour of Prof. R.K.Jain) in 2002.
7. M.N.Panini Presented a paper on "Caste, Communalism and Liberalisation in India" in the seminar on State, Market and Society, organised by Punjabi University, Chandigarh - March 26-28, 2003.
8. M. N. Panini, Presented a paper on "Why is there No Kannada Nationalism?" in the Seminar organised by Centre for South Indian Studies, Sri Venkateswara College, University of Delhi, Delhi, March 13, 2003
9. J.S. Gandhi, Attended and chaired the seminar on "Indian Diaspora" (in honour of Prof. R.K. Jain), April, 2002.
10. J. S. Gandhi, Organised the seminar on "Sociology of Religion in India" (in honour of Prof. C.N. Venugopal), April 15, 2002.
11. J. S. Gandhi, Attended a seminar on "Rethinking Sociology: The Indian Context" (in honour of Prof. T.K. Oommen) and presented a paper on "Professions and State Apparatus", Centre for the Study of Social Systems, Jawaharlal Nehru University, New Delhi, October 21-23, 2002.
12. Ehsanul Haq Presided over a session of the Workshop on "Indian Culture in the Emerging Global Order", SSS, JNU, April 20-21, 2002
13. Ehsanul Haq, Presided over a session of the Seminar on "Sociology of Religion in India", April 15, 2002, CSSS, SSS, JNU
14. Eshnaul Haq, Participated in a Workshop on "School Textbooks", NCERT, 3-5 September, 2002
15. Eshnaul Haq, Presided over a session of a Seminar on "Problems of Minorities in Bangladesh", September 30, 2002, SIS, JNU
16. Eshnaul Haq, Participated in a Seminar on "Rethinking Sociology" and presented a paper on "Secular Education & Resilience of Tradition", CSSS/SSS/JNU, October 21-23, 2002.
17. Eshnaul Haq, Participated in a Seminar on "Environmental History of Asia", ZHCES, SSS, JNU, 4-7 December, 2002
18. Eshnaul Haq, Presided over a session as Chairperson of the National Seminar on the " Role of Bangladesh in Insurgency in the Northeast", January 29-30, 2003, SSS/JNU.
19. Eshanaul Haq, Presided over the Inaugural Session of the National Workshop on "Indian Society in Transition", March 12, 2003, SIS, JNU.

20. Anand Kumar, Chairperson, Child Labour in India, National Labour Institute, New Delhi, June 19, 2002.
21. Tiplut Nongbri, Speaker, "Deconstructing Masculinity: Fatherhood, Matriliney and Social Change" at a seminar 'Exploring Masculinity' organised by Aakar and Department of Sociology, North-Eastern Hill University, Shillong, April, 2002.
22. Tilput Nongbri, Speaker, "Ethnicity, Gender and the State" at Professor T.K. Oommen's Felicitation Seminar, CSSS/SSS/JNU, 22 October, 2002.
23. Tilput Nongbri, Speaker, "Tribal Studies in India: A Critical Appraisal", Refresher Course, Academic Staff College, JNU, 3 December, 2002.
24. Tilput Nongbri, Speaker, "Trans-Himalayan Perspective on Matriliney and the State: A comparison of India and China" at the international seminar on 'Local Governance in India and China: Rural Development and Social Change' organised by Institute of Social Sciences, New Delhi, Centre for Chinese Studies, UCLA, Los Angeles, Institute of Sociology, Peking University, Beijing and Institute of Chinese Studies, CSDS, Delhi at Kolkata, 6 - 8 January, 2003.
25. Maitrayee Chaudhuri, "The Social Construction of Gender" organised by Central Institute of Education(CIE), University of Delhi and the Centre for Women's Development Studies, Delhi, September 28, 2002, University of Delhi.
26. Maitrayee Chaudhuri, "Globalisation and Gender" Centenary celebrations MKP(PG) College, Dehradun, October, 2002
27. Maitrayee Chaudhuri, Discussant for "Women in Nineteenth Century Indian Writing", CSDS, December 3, 2002.
28. Maitrayee Chaudhuri, "Representative of Women in the Media" in a seminar titled Journey of a Woman through Life, Janki Devi Memorial College(JDM), Delhi University and University of Sunderland held at JDM College, January 17, 2003.
29. Maitrayee Chaudhuri, "Representative Violence in the Media: Some Questions", National Council of Churches in India, YMCA, Chandigarh, in a workshop on Media and Violence, February 8, 2003.
30. Maitrayee Chaudhuri, "Globalization and the Practice of Sociology" at a seminar titled State, Market and Society: Emerging Issues and Interface in India, held by the Department of Sociology, Punjab University, Chandigarh, March 27, 2003.
31. Susan Visvanathan Speaker, "Fiction and Collective Representation", organised by Centre for French and Francophone Studies, JNU, November 19, 2002.
32. Susan Visvanathan, "Talk and reading of short stories", organised by Janaki Devi Mahavidyalaya, Delhi University, December 12, 2002.
33. Susan Visvanathan, Participated and presented a paper on "Politics and the Literature of Alienation" in Prof. T.K. Oommen Felicitation Seminar, organised by Centre for the Study of Social Systems(CSSS)/SSS/JNU, October 23, 2002.
34. Surinder S. Jodhka 'Rethinking Regions': Ethnic Identities in the Indian Punjab'. Paper presented in a national seminar on "Rethinking Indian Sociology", JNU, New Delhi, October 21, 2002.
35. Surinder S. Jodhka, "Conceptualizing marginality" paper presented in the annual conference of NWISA, Chandigarh, November 29, 2002.
36. Surinder S. Jodhka, "Caste and Gender in Punjab" paper presented in a seminar at the University of Hyderabad, Hyderabad, January 22, 2003.
37. Amit Kumar Sharma, Speaker, "Gandhi as a Hindu Theologian", Sociology of Religion in India: A seminar in honour of Prof. C.N. Venugopal, CSSS/SSS/JNU, April 15, 2002

38. Amit Kumar Sharma, Organised a two-days Workshop on "Indian Culture" SITA, SSS, JNU, April 20-21, 2002, New Delhi.
39. Amit Kumar Sharma, Participated in a seminar on "National Curriculum Framework for School Education, 2000" organised by Deptt. of Education in Social Sciences and Humanities, NCERT, New Delhi, September 3-5, 2002.
40. Nilika Mehrotra, Presented a paper on "Migration and Ethnicity in Assam" at a National Conference on Ethnicity, Identity & Movements at North Bengal University, Siliguri, April, 2002
41. Nilika Mehrotra, Participated in a seminar on "Sociology of Religion in India" organised by CSSS at School of Social Sciences, April 15, 2002.
42. Nilika Mehrotra, Attended "Orientation Course in Social Sciences" Academic Staff College, JNU, New Delhi, October 6, 2002 to November 1, 2002.
43. Nilika Mehrotra, Delivered a lecture on "Gender and Globalisation" at Department of Sociology, M.K.P.(PG) College, Dehradun, October, 2002.
44. Nilika Mehrotra, Participated in a seminar on "Gender and Globalisation", organised by Department of Sociology, Hyderabad, January 23-25, 2003.
45. Nilika Mehrotra, Presented a paper on "Gender in Tribal Ethnographies of India", D.N. Majumdar Centenary Celebrations(2003-2004), organised by Ethnographic and Folk Culture Society, Lucknow, February 28, 2003 to March 2, 2003.
46. Nilika Mehrotra, Delivered a lecture on "Young middle class women and globalisation in India", organised by Venkateshwar College, University of Delhi. March 6, 2003.
47. Nilika Mehrotra, Participated in a Workshop on "Fieldwork Methodology and Ethnographic Writing", organised by Department of Sociology, University of Delhi, March 7, 2003.
48. Nilika Mehrotra, Participated in a national seminar on "Peoples of India: Anthropological Perspectives", organised by Department of Anthropology, University of Delhi, March 29-31, 2003.
49. Renuka Singh, Relevance of Buddhism: Sociology of Religion in India, JNU New Delhi
50. Vivek Kumar, social Legislation and its Impact on Scheduled Castes, Academic Staff College, JNU on 14 November, 2002.
51. Vivek Kumar, Religion In India, 15 April 2002, Center for the Study of Social Systems/ School of Social Sciences, JNU, New Delhi, Paper presented, "Religious responses of Dalits in India".
52. Vivek Kumar, National Workshop on "Diversity and Pluralism and the Role of National Institutions in the Protection of Minority Rights", organized by International Center for Ethnic Studies, Colombo, 4 -5 October 2002, India International Center, New Delhi. Acted as Discussant in the session on 'National Commission for Scheduled Castes and Scheduled Tribes'.
53. Vivek Kumar, Rethinking Sociology: Indian Context, 21 -23 October 2002. Center for the Study of Social Systems/ School of Social Sciences, JNU, New Delhi. Paper presented on "Contemporary Trends in Dalit Movement".
54. Vivek Kumar, Regional Seminar on, "Media Ethics", organized by Press Institute of India and Communication Management Foundation, New Delhi, 26 -27 November 2002, held at Lucknow. Paper Presented, "Portrayal of Women In Media: A Macro Perspective".
55. Vivek Kumar, Seminar on the topic, 'Caste and Discourses of the Mind' Bapu Trust Pune in collaboration with Center for Behavioral & Social Sciences in Medicine, University College London, 14 -15 December 2002. Paper presented: "Does Casteism Lead to 'Stigmatized Identities'?" How are they contested and / or subverted: A case of Dalits of India.
56. Vivek Kumar, National Seminar on Restoration of Human Rights and Dignity to Dalits with special

reference to Scavengers, Dr. Ambedkar National Institute of Social Sciences, MHOW (M.P.), 30 -31 December 2002. Paper presented, "Dalit Women: Paradoxes of Empowerment: A case of Dhobi (Washerwomen) of Lucknow".

57. Vivek Kumar, International Conference of 'Dalits and International Development Aid', New Delhi, organized by Voice of Dalit International- India, 19 -20 February 2003. Paper Presented "Dalit International Development Aid- Some expectations".

58. Vivek Kumar, National Seminar on, 'Globalization and the Underprivileged: Perceptions, Fears and Consequences', organized by Department of Sociology Ch. Charan Singh University, Meerut 8 -9 February 2003. Paper presented "Globalization and Mobilization of Dalits at International Level".

59. Vivek Kumar, D. N. Majumdar Centennial International Conference of Tribal Identity, Globalization and Planned Development, Ethnographic & Folk Culture Society, Lucknow, 28 - 2 March 2003. Paper presented, "Confronting Tribal Identities"

60. Vivek Kumar, Workshop on the Empowerment of Dalits in the North West India, Organized by Ambedkar Centre, Deptt. of Sociology, Punjab University, Chandigarh. - 7 - 8 March, 2003. Presented a paper on the topic "Empowerment of Dalit Youth".

Zakir Husain Centre for Educational Studies

1. Karuna Chanana Workshop on Women in Governance, National Commission for Women, New Delhi, 7 March, .2003.
2. Karuna Chanana, Conference on Globalisation and Challenges for Education-Focus on Equity and Equality, National Institute of Educational Planning and Administration (NIEPA), New Delhi. Chaired the Plenary Session on Science, Religion and Development, 21 February, 2003.
3. Karuna Chanana, Conference on Globalisation and Challenges For Education-Focus on Equity and Equality, National Institute of Educational Planning and Administration (NIEPA), New Delhi. Chaired the Session on Social Inequalities, 20 February, .2003.
4. Karuna Chanana, National Conference on Teacher Education: Vision of the Road Ahead. Lady Irwin College of Home Science, New Delhi. Resource Person and Chair, 19 February, 2003.
5. Karuna Chanana, National consultation on Women in Public Sector Undertakings, National Commission For Women, New Delhi. Lead Discussant, 27 January, 2003
6. Karuna Chanana, Seminar on South Asian Co-operation, India International Centre and the South Asia Centre for Policy Studies, New Delhi, 10 January, .2003.
7. Karuna Chanana, Diversity of Women's Lives in India, Nehru Memorial Museum and Library, New Delhi, 10-11 December, 2002.
8. Karuna Chanana, Grass Roots Innovations: An Expose. Institute of Informatics and Communication, India International Centre, New Delhi. Discussant, 19 October, 2002.
9. Karuna Chanana, National Seminar on Functioning of Shift School System in India, National Institute of Educational Planning and Administration (NIEPA), New Delhi, 25-27 September, 2002.
10. Karuna Chanana, Education and Democracy, India International Centre, New Delhi, 25 September, 2002.
11. Karuna Chanana, National Consultation on Framing the Follow up Legislation to the Fundamental Right to Education, National Institute of Educational Planning and Administration (NIEPA), New Delhi, 14-15 June, 2002.
12. Karuna Chanana, Canada's Global Engagements in the 21st Century. Candian Studies Programme,

School of International Studies, JNU, 9-10 May, 2002.

13. Karuna Chanana, Presented a Paper on Development of Women in Higher Education During the 10th Five Year Plan, in the Workshop on Development of Higher Education during the 10th Five Year Plan, National Institute of Educational Planning and Administration (NIEPA), New Delhi, 26-27 April, 2002.
14. Karuna Chanana, Seminar on Women on Detention, National Commission For Women, New Delhi, 17-18 May, 2002.
15. Deepak Kumar Conference on Science, Technology and Society, Punjab University, Chandigarh, 29-31 January, 2003.
16. Binod Khadria, Seminar on Labour Mobility in a Globalising World: Conceptual and Empirical Issues, organised by VVGNNLI, Indian Society of Labour Economics, and Institute for Human Development, at NOIDA, 18-20 Sept., 2002. Invited paper on the theme, 'Implications of Internationalisation of Production, Trade and Finance on Labour Mobility.'
17. Binod Khadria, 44th Annual Conference of the Indian Society of Labour Economics, at Amritsar, 15-17 Dec., 2002. Sent Invited paper on the subject, Education, Skill Development and Changing Labour Market.
18. Binod Khadria, Conference on 'Education: Breaking The Barriers' (EBB-2003), March 27-29, 2003, organized by Jamia Millia Islamia, at New Delhi. Paper presented, at Technical Session-VI on Globalisation of Higher Education; Chaired Technical Session-VII on Financing and Change in Higher Education.
19. Geetha B.Nambissan, Participated in the National Consultative meet on Preparation of a national Plan of Action for Meeting the Goals of Education for All, the Department of Elementary Education and Literacy, MHRD, 23 December, 2002.
20. Minati Panda, Presented a paper on "Teaching Mathematics in an Inclusive Class: Issues and Problems", in the National Seminar on "Inclusive Education Practices in Schools:", 26-27 February, 2003, Bangalore.

Centre for Historical Studies

1. S. Bhattacharya, V.V. Giri Memorial Lecture, Indian Association of Labour Economics, Annual Conference Amritsar, 22 Dec. 2002, 'Paradigms of Historical Approach to Labour in India', pp.15
2. M.H.Siddiqi, Environment and History, ZHCES, Dec. 6, 2002.
3. M.H. Siddiqi, Biography as History, CHS, Feb. 27, 2003
4. M.H. Siddiqi, Nationality and Identity, Jamia Millia University, Delhi March 2003.
5. Jyoti Atwal, 'Interrogating Marginalization: Widows, Colonialism and Social Reform in India, 'Widowhood in India' University of Rajasthan, Jaipur 21-22 February 2003.
6. Ranabir Chakravarti, India and the Indian Ocean AD 400-1300, 'Marine Archaeology under the auspices of Indian navy and the Archaeological Survey of India, New Delhi March, 2003.
7. Ranabir Chakravarti, 'Economic History of Medieval India, organized by the Centre for Advanced Study, Dept. of History, Aligarh Muslim University, Aligarh, March, 2003.

Centre of Social Medicine and Community Health

1. Ghanshyam Shah, Attended Sseminar on "Environment organized by Goa University on 7-9 December

- 2002 and presented a paper on "Urban Governance and Public Health: The Post-Plague Surat".
2. Imrana Qadeer, National Conference of the Indian Doctors for Peace and Development (IDPD), Ludhiana, 7 April 2002, Talk on "Community Health Present Scenario".
 3. Imrana Qadeer, National Consultation on Advocacy and Monitoring for Women's Health and Rights, 26-28 June, 2002, India International Centre, New Delhi.
 4. Imrana Qadeer, Reacting Beyond Figures: State of Women's Health in Goa", International center, Goa.
 5. Imrana Qadeer, Meeting of the Expert Group to review the Social, Behaviour and Operational Research Programmes, 22 March 2003, Mumbai, National Institute for Research in Reproductive Health.
 6. Imrana Qadeer, Seminar on 'Women Across Asia: Issues of Identities', March 1-2, 2003, Women Study Research Centre University of Calcutta and Indian Association for Asian and Pacific Studies.
 7. Imrana Qadeer, Consultation 'Towards Hunger Free India: Countdown from 2001 (4-5 April 2003), New Delhi, World Food Programme.
 8. Imrana Qadeer, Presented Paper "Community Health and Sanitation-A Vision for Hunger Free India."
 9. Mohan Rao, Council for Social Development, National Consultation on the Social Charter for the SAARC Region, New Delhi, 20-21 November 2002.
 10. Mohan Rao, Public Health Policy in India, Academic Staff College, JNU on 17 March, 2003
 11. Mohan Rao, Asian Social Forum, Panels on "Politics of Population' and "Science and Exclusion", 2-7 January, Hyderabad.
 12. Mohan Rao, National Consultative Meeting on Mobilizing Public Policy Makers for Population Stabilization in India, Organized by Centre for Policy Research, 11-12 December 2002, IIC, New Delhi.
 13. Mohan Rao, Workshop on "Health Equity in India: Systems and People" Organized by Harvard's Global Equity Initiative, MacArthur Foundation and UNICEF, Hyderabad, 15-17 January 2003.
 14. Mohan Rao, Workshop in 'Global Agendas, Local Realities: Implications of Health Sector Reforms on Women's Access to Reproductive Health Services in India' Organised by Centre for Health and Gender Equity, March 7 2003, New Delhi. (Presented a paper on 'Perceptions and Experience of Health Sector Reform')
 15. K.R.Nayar, National symposium on role of voluntarism in contemporary society. 25 Feb 2003. Delhi University, Panel member Session 1.
 16. Rama V. Baru, National Consultative Meeting on Mobilizing Public Policy Makers for Population Stabilization in India Organised by Centre or Policy Research, 11-12 December 2002, India International Centre, New Delhi (As a discussant).
 17. Rama V. Baru, Workshop on "Health Equity in India: Systems and People" Organized by Harvard's Global Equity Initiative, Mac Arthur Foundation and UNICEF, Hyderabad 15-17 January, 2003.
 18. Rama V. Baru, Workshop on "Global Agendas, Local Realities: Implications of health sector Reforms on Women's Access to Reproductive Health Services in India" Organised by Centre for Health and Gender Equity, March 7 2003, New Delhi. (Presented a paper on 'Perceptions and Experiences of Health Sector Reform').
 19. Rama V. Baru, Public Health Policy in India, Academic Staff College, JNU 17 March, 2003
 20. Ritu Priya Mehrotra, Panelist at a workshop on 'A Cultural Approach to HIV/AIDS Prevention and Care', organised by UNESCO at India International Centre, New Delhi, 21-23 August 2002.
 21. Ritu Priya Mehrotra, Participated in the 2nd Stakeholder's Meeting of the project 'Prevention of HIV/AIDS in the World of Work: A Tripartite Response', organised by the International Labour Organisation, New Delhi, 12 September, 2002.
 22. Sanghmitra S. Acharya, Dissemination Seminar on NFHS-2: Delhi Findings organized by Directorate

of Health Services, Government of NCT of Delhi and International Institute of Population Sciences, Bombay, on 8 November, 2002. (Expert for technical session on fertility, family planning and quality of care)

23. Sanghmitra S. Acharya, IRMS Silver Jubilee and XX Annual Conference of India Society for Medical Statistics, organized by Institute for Research in Medical Statistics, ICMR and Department of Biostatistics, AIIMS. New Delhi, during 19-20 December, 2002 (Paper presented on `Development and Health Issues for Women in Delhi- Illustrations from NFHS).

24. Sanghmitra S. Acharya, Population Policy of Madhya Pradesh- A Critical Examination organized by Population Resource Centre, Academy of Administration, Bhopal during 24-25 January 2003. (Paper presented on `Population Policy of Madhya Pradesh- Some Issues Examined).

25. Sanghmitra S. Acharya, Social Assessment of Reproductive and Child Health in India, organized by Tata Institute of Social Sciences, Bombay and the Ministry of Health and Family welfare, New Delhi during 29 Feb and 1 March 2003.

26. Alpana Sagar, Nov. 21, 2002 ISI, Lodi Road, Key Note Address Women: Health Scenario in Workshop on Women and Health Problems and Possibilities.

27. Alpana Sagar, March 5, 2003, ISI Conference on Community Health Introductory Lecture - Community Health in India - Overview.

28. Alpana Sagar, October 3-6, 2002 Delhi White Ribbon Alliance for Sage Motherhood "Saving Mother's Lives What Works, Paper - To Understand Links between women's social existence and then health.

29. Alpana Sagar, International Workshop Family Medicine - Delhi Paper Primary Health Care and Family Medicine 4 Jan. 03 Hyderabad - Asian Social Forum "Rethinking AIDS as a Social Responsibility" Responsibility of the System towards AIDS.

Centre for Economic Studies & Planning

1. Ramprasad Sengupta, Delivered lectures on "Ecology, mountains and Sustainable Development" as a resource person in the UNESCO Regional Workshop in University Education on Integrated Approaches to Mountain Natural Resource Management held during 11-16 November 2002 at the North Eastern Hill University Shillong.

2. Arun Kumar, Economic Globalization and the Place of Hindi. Talk given at the Session on Globalization and Hindi of the 54th Session of the Hindi Sahitya Sammelan. Organized by Shri Madhya Bharat Hindi Sahitya Sammelan, Indore at the Tagore Hall, Indore. August 17 - 19, 2002.

3. Arun Kumar, Alternative Fiscal Policy Regime in the Context of Globalization. Talk at the Seminar on Alternatives Before India in the Context of Globalization. Organized by DR Gadgil Centenary Committee and Social Scientist in JNU on September 14-15, 2002.

4. Arun Kumar, Analyzing the Indian social Reality: The Social Facts we Choose to Ignore. Paper presented at the Prof. T K Oommen Felicitation Seminar. Presented in the Session Theory, Concepts and Social Facts: Situating the Indian Society. Organized by the Centre for the Study of the Social Systems, School of Social Sciences, JNU. 21-23 October 2002.

5. Arun Kumar, Panel Discussion on the Dalit Agenda presented at Bhopal. At the Prof. T K Oommen Felicitation Seminar. Organized by the Centre for the Study of the Social Systems, School of Social Sciences, JNU. 21-23 October 2002.

6. Arun Kumar, The Marginals further Marginalized in the Tenth Five Year Plan: The Impact of Globalization and Marketization. Talk given at the Conference on Dalits, Marginalized and Tenth Five Year Plan. Organized by National Conference of Dalit Organizations in association with Social Development Foundation & CADAM. At Gandhi Peace Foundation on December 16 and 17, 2002.

7. Arun Kumar, Resource Mobilization for Indigenous Development and Employment. Talk in the session on Monetary and Financial Policy at GPF at the Conference organized by All India Trade Union Congress on 'Effective Path for Augmenting Adequate Resources to step up growth and creation of Jobs' March 7 and 8, 2003.
8. Arijit Sen, Lecture to undergraduate teachers of Economics at Academic Staff College, JNU
9. C P Chandrashekhar, "WTO and Indian Agriculture", MP State Academy of Administration, Bhopal, July 11, 2002.
10. C. P. Chandrashekhar, "Post Reform Economic Performance in India", Department of Economics, University of Hyderabad, August 14, 2002.
11. C. P. Chandrashekhar, "India's Industrial Growth During the 1980s and 1990s: A Comparative Assessment and its Implications", paper presented at Seminar on Alternatives Before India in the Context of Globalisation organised by D.R. Gadgil Centenary Committee and Social Scientist, New Delhi, 14-15 September 2002 forthcoming in volume on conference proceedings.
12. C. P. Chandrashekhar, "Liberalisation and Industrial Performance in India", Miranda House, University of Delhi, September 23, 2003.
13. C. P. Chandrashekhar, "WTO and the Developing Countries", Zakir Hussain College, University of Delhi, October 28, 2002.
14. C. P. Chandrashekhar, "The Diffusion of Information Technology and the Implications for Development", at conference on ICTs and Indian Development organised by the Institute of Social Studies, Hague and Institute for Human Development, New Delhi, at Bangalore, December 9, 2002.
15. C. P. Chandrashekhar, "New Financial Structures, Transmission Mechanisms and Deflation in the Global Economy", at the IDEAs conference on International Money and Macroeconomic Policy in Developing Countries, December 16-19, 2002.
16. Praveen Jha Presented a paper in a Conference on 'Alternatives before India in the Context of Globalization', organised by Social Scientist and D.R. Gadgil Centenary Committee, 14-15 September, 2002.
17. P.Patnaik 'Alternatives before India in the Context of Globalisation', national seminar held by D.R.Gadgil Centenary Committee and Social Scientist, Delhi, September 14-15, 2002. Plenary paper: 'Technology and Employment'.
18. P.Patnaik, 'International Money and Developing Countries: Theoretical and Policy Issues' International seminar held by IDEAS (International Development Economics Alternatives), Muttukadu, Tamilnadu, December 16-19, 2002. Paper presented: "The Theory of Money and World Capitalism."
19. U. Patnaik, 'Alternatives before India in the context of Globalization', national seminar held by D.R.Gadgil Centenary Committee and Social Scientist, Delhi, September 14-15, 2002. Paper presented: "Food Stocks and Hunger".
20. U. Patnaik, 'International Money and Developing Countries: Theoretical and Policy Issues' International conference held by IDEAS, (International Development Economics Alternatives) Muttukadu, Tamilnadu, December 16-19, 2002. Discussant of paper by Thandika Mkwandire on 'Maladjusted African Economies and Globalisation'.
21. U.Patnaik, 'Deprivation and Inclusive development', national seminar held by Giri Institute of Development Studies, Lucknow, March 21-23, 2003. Paper presented: "Deflationary Policies, Trade Liberalisation and Indian Agriculture"
22. Jayati Ghosh, Lecture in Refresher Course at Academic Staff College, JNU

1. S.Y. Shah participated and presented a paper on "Continuing Education in India" at the International Conference organised by the UNESCO and National Literacy Mission at Hyderabad on April 9, 2002.
2. S.Y. Shah participated in the International, Seminar on "Urban Literacy", held at India International Centre, New Delhi during December 11-13, 2002.
3. S.Y. Shah participated in the International Conference on "Enterprising Community Through Education: Perspective for Open Schooling", organised by the National Institute of Open Schooling and Commonwealth of Learning in New Delhi, March 28-30, 2003.
4. S. Y. Shah, attended National Seminar on participatory Research held at National Institute of Public Cooperation and Child Development, New Delhi, August 16, 2002.
5. S. Y. Shah, attended Planning Committee Meeting of International Seminar on Urban Literacy held at India International Centre, New Delhi, Sept. 4, 2002.
6. S. Y. Shah participated and chaired a session in the Annual Conference of Indian Adult Education Association held at Gandhigram University, Madurai during Dec. 26-27, 2002.
7. Shantha Krishnan attended International Seminar on "Medicinal Plants & Spices---Patents & Exports" on April 6-7, 2002, at Chennai, organised by the Voluntary Health Education & Rural Development Society (VHERDS)
8. Shantha Krishnan participated in the All-India Conference on the "Role of Voluntary Sector in National Development", held on 20 April 2002 in Vigyan Bhavan, New Delhi organised by the Planning Commission.
9. Shantha Krishnan, participated in a National Conference on Education and Socio-economic Empowerment of SCs and STs at Banaras Hindu University, Varanasi, organised by the National Commission for SCs and STs in collaboration with BHU on 29 -30 September 2002.
10. Shantha Krishnan, participated in a National Seminar on the Un-Organised Sector convened by the Ministry of Labour and National Labour Institute on 7- 8 November 2002, at Vigyan Bhavan, New Delhi.
11. Shantha Krishnan, participated in a seminar on Grass Roots Innovation---An Expose, organised by the National Innovation Foundation (Prof. Anil Gupta of IIM, Ahmedabad), on 18 -19 December 2002, New Delhi.
12. Shantha Krishnan, participated in a National Seminar and Exhibition - Herbo, on the theme of Organic Cultivation of Medicinal Plants and Allied Crops, organised by Herbal BioMed Foundation in collaboration with National Medicinal Plants Board organised at village Bajhera, Tehsil-Nuh. District-Gurgaon in the Mewat Region of Haryana on 28 -29 December 2002.
13. Shantha Krishnan, participated in a Conference of the National Federation of Indian American Associations on 7 January 2003, at the India International Centre New Delhi, and delivered a lecture on Medicinal Plants and Scope for Investment and Employment.
14. Shantha Krishnan participated in a series of Consultations convened by the Alliance for Child Rights on monitoring the implementation of the CRC (United Nations Convention on the Rights of the Child) and formulation of National Plan for the child, New Delhi.
15. M.C. Paul attended Pandit Hrideynath Kunjru Memorial Lecture by Dr. Karan Singh, Chancellor, JNU on "Globalisation: Impact and Resistance", JNU, on 2 April, 2002.
16. M. C. Paul, attended "Dr. Appadorai & Lakshmi Appadorai Memorial Lecture", JNU, on 3 April, 2002.
17. M. C. Paul, attended "Globalisation and South Asia", JNU, on 4 April, 2002
18. M. C. Paul, attended "Globalisation and Islamic Resurgence in West Asia", JNU, on 8 April, 2002.
19. M. C. Paul attended, "Sociology of Religion in India", organised by CSSS, JNU, on 15 April, 2002.

20. M. C. Paul, attended "Globe and the Region: Conflicting and Convergent Trends", JNU, on 22 April, 2002.
21. M. C. Paul attended "Educating for Character is Educating for Peace", organised by Interreligious and International Federation for World Peace, New Delhi, on 23 April, 2002.
22. M. C. Paul attended "Globalisation and the State", JNU, on 24 April, 2002.
23. M. C. Paul attended "Educational Awareness Programme on World Tobacco Day", organised by HRIDAY and SHAN sponsored by WHO at AIIMS on 31 May, 2002.
24. M. C. Paul attended Durgabai Deshmukh Memorial Lecture on "Islam, Culture and Politics" at CSD, New Delhi.
25. M. C. Paul, attended "Theory of Education & Ethics", at IIC, New Delhi, on 29 August, 2002.
26. M. C. Paul, attended National Workshop on "Navya - Nyaya Language and Methodology", organised by Rashtriya Sanskrit Sansthan (Deemed University) and Special Centre for Sanskrit Studies, JNU, on 1 October, 2002.
27. M. C. Paul, attended "The Role of the Education and Spiritual World in Relation to World Peace", at IIC, New Delhi, on 29 October, 2002.
28. M. C. Paul attended "The Causes and Resolution of Conflict", at IIC, New Delhi, on 27 January, 2003.
29. M. C. Paul attended "Globalisation, Democracy and Human Rights" at SSS, JNU.
30. M. C. Paul, lecture on Minority and Human Rights in Bangladesh organised by SPANDAN, SLLCS, JNU on 30-31 August, 2002.
31. O. P. Swamy attended the meeting on "Women's Empowerment through Literacy and Livelihood Development" on 25 October, 2002 held at PRIA, New Delhi.
32. O. P. Swamy attended the International Seminar on "Literacy and Livelihood in Urban Context", December 11-13, 2002 held at India International Centre, New Delhi.
33. O. P. Swamy, attended the International Conference on "Enterprising Community through Education: Perspectives for Open Schooling", March, 28-30, 2003, New Delhi.

XI. FACULTY LECTURES OUTSIDE JNU

Centre for Studies in Science Policy

1. A. Parthasarathi Lecture at Naval War College, Mumbai on "Acquisition and Development of Technology: The Indian Experience", November 16, 2002
2. A. Parthasarathi, Lecture at 81st Annual Session of the Indian Science Congress, Bangalore, Session on "Science and Its Applications for Societal Security", January 6, 2003
3. V.V.Krishna Lecture on "Science in South Asia: Challenges in the Era of Globalisation", at the South Asia Research Centre, Faculty of Economics and Political Science, University of Sydney, Sydney, Australia, March 6, 2003.
4. K. J. Joseph, Implications of the ICT boom on the Indian Economy, Two sessions at IIT, Delhi on February 24 and 28, 2003.

Centre for Political Studies

1. Balveer Arora, Lecture on "Contemporary Trends in India's Federal Polity", Indian Institute of Public Administration, Management Development Programme, New Delhi, 26 September, 2002.
2. Balveer Arora, Lecture on "Indian Federalism: Dealing with Regionalism and Secessionist Clamouring" Institute of Peace and Conflict Studies, New Delhi, 26 March 2003.
3. Sudha Pai, "Social Capital" At the Course "Policy and Institutional Reforms for Sustainable Development at the National Institute of Rural Development (NIRD) 8 June 2002.
4. Sudha Pai, "Use of Caste and Religion in Electoral Politics" at the Institute of Peace and Conflict Studies, New Delhi, 12 March 2003.
5. Gurpreet Mahajan, "Secularism", Lecture for National Defence Academy, New Delhi, January 17, 2003.
6. Gurpreet Mahajan, "The Concept of Human Rights" and "A Framework for the Study of Human Rights", Lectures at the Centre for Human Rights, Central University, Hyderabad, January 6, 2003.

Centre for the Study of Regional Development

1. Atiya Kidwai, Evolution of Cultural Regions in India, Department of Architectural Conservation, School of Planning and Architecture, New Delhi
2. Atiya Kidwai, The Planning Process and Heritage Regions, , Department of Architectural Conservation, School of Planning and Architecture, New Delhi
3. Atiya Kidwai, The Current Micro-Level Development Planning Process in India - Socio-Cultural Implications for a Heritage 'Place', , Department of Architectural Conservation, School of Planning and Architecture, New Delhi
4. Atiya Kidwai, Department of Architectural Conservation, School of Planning and Architecture, New Delhi - Three lectures on (1) Cultural Regions - Awadh (2) The Micro-level Development Planning Machinery in India and Heritage Regions (3) Data Base for Regional Planning
5. Amitabh Kundu, Financial Crisis in Asian Countries, Department of Economics, University of Kaiserslautern, Germany
6. Amitabh Kundu, Poverty and Slums in Planned Cities: The Case of Hanoi and Delhi, Department. of Geography, University of Hano
7. Amitabh Kundu, Delivered a keynote address on Municipal Governance in a seminar (chaired a session) organized the Government of West Bengal, January 2, 2003, Kolkata.
8. Amitabh Kundu , Delivered the valedictory address at the Annual Conference of Rajasthan Economic Association, Udaipur.
9. Amitabh Kundu , Delivered a lecture on Problems of Urban India at National Defence College, Delhi, February 11, 2003
10. Ashok Mathur, Recent Experience of Regional Economic Development in India and Trade in Education Services, Economic Department, Jodhpur University,
11. Ashok Mathur, Regional Economic Development: A Conceptual Framework and the Indian Experience.
12. Ashok Mathur, The Pattern of employment and Unemployment in India, Academic Staff College, Burdwan University, Burdwan
13. Aslam Mahmood, Resource person in UNESCO, Bangkok
14. Aslam Mahmood, NCERT Workshop on Integrating Migration Education in School Curriculum in

India , Academic staff college Jamia Millia Islamia. July 2002

15. Sudesh Nangia, New Dimensions in Population and Settlement Geography, Kendriya Vidyalaya, INA, New Delhi, June 17,2002
16. Sudesh Nangia, Human Development Index, Kendriya Vidyalaya, INA, New Delhi, June 17,2002
17. Sudesh Nangia, Role of PERCs in Promoting Population Education under UGC System, Delhi University,September19,2002
18. Sudesh Nangia, Lecture Delivered at Refresher Course on Population - Environment Interface: Theoretical Framework, Jamia Millia Islamia, January 23, 2003.
19. Sudesh Nangia, Lecture Delivered at Refresher Course on Ethics and Environment, Jamia Millia Islamia, January 23, 2003.
20. Sudesh Nangia, Lecture Delivered on Population Growth and Sustainable Development, Bhagat Singh College, March 6, 2003, Delhi.
21. Sudesh Nangia, Delivered a keynote address on Demographic Dynamism in India with a Focus on 2001 in a seminar organized by the Deptt. of Geography, Punjab University, Chandigarh, February 11 - 12, 2003.
22. Sudesh Nangia, Delivered a keynote address on Population and Development at the Annual Geography Conference, organized by Hindu College, February 23, 2003, Almora, U. P.
23. M.H.Qureshi, New Curriculum in Geography - A Critique, Army Public School, Noida, April 24, 2002
24. M.H. Qureshi, Field Survey Methods in Geography, Refresher Course for PG Teachers organised in Kendriya Vidyalaya, INA, New Delhi, April 24, 2002
25. M.H. Qureshi, Theory of Location of Economic Activities, Refresher Course for PG Teachers organised by Faculty of Education, Jamia Millia Islamia, New Delhi
26. M.H. Qureshi, Resources and Regional Development, Refresher Course for PG Teachers organised in Sarvodaya Bal Vidyalaya, Radhey Shyam Park, Delhi, June11, 2002
27. M.H. Qureshi, Ecology and Environment, Academic Staff College, Jamia Millia Islamia, New Delhi, June 21,2002
28. M.H. Qureshi, Geography-Geographers and Challenges Ahead, Refresher Course in Geography for College Teachers organized by Shramjeevi Vidyapeeth (Deemed University, Udaipur), July 26,2002
29. M.H. Qureshi, Conservation of Land, Water and Forest Resources, Necessity and Strategy, Refresher Course in Geography for College Teachers organised by Sharmjeevi Vidyapeeth (Deemed University, Udaipur) July 27,2002
30. M.H. Qureshi, Terrorism, World Peace and India, National Integration Camp, Hali Park, Panipat, November 2, 2002
31. M.H. Qureshi, India, Land and People, Department of Women Studies, NCERT, New Delhi, November 11, 2002
32. M.H. Qureshi, Rural Development; Concept and Concerns, Keynote address given to seminar organized by DG College, Kanpur at Merchants Chamber of U.P., November 18, 2002
33. M.H. Qureshi, Integrated Teaching of Social Sciences in School, Refresher Courses for PG Teachers organised by State Council for Educational Research and Training (SCERT), Defence Colony, New Delhi November 22,2002
34. M.H. Qureshi, Role of Teachers and Society's Expectation from Them, CCA Public School., Gurgaon, November 24, 2002
35. M.H. Qureshi, Ramzan and ID in Islam, Hamdard Public School, Talimabad, Sangam Vihar, New

Delhi, December 1, 2002

36. R.K. Sharma, Poverty and Unemployment, Zakir Hussain College, Delhi University, Delhi
37. R.K. Sharma, Rural Poverty and Employment Trends, Academic Staff College, Punjabi University, Patiala,
38. R.K. Sharma, Marginal Cost Pricing, Institute of Rail Transport
39. Harjit Singh, Ecology, Ecosystem and Geography, Academic Staff College Himachal Pradesh University, Simla, July 15, 2002
40. Harjit Singh, Issues of Methodology in Geography, Academic Staff College Himachal Pradesh University, Simla July 15, 2002
41. Harjit Singh, Environment and Ecology of the Indian Himalayas, Academic Staff College Himachal Pradesh University, Simla July 16, 2002
42. Harjit Singh, Environment and Development in the High Altitude Region of Ladakh, Academic Staff College Himachal Pradesh University, Simla July 16, 2002
43. Harjit Singh, Ecology and Ecosystem and their relevance in Geography, Teacher Training College, Jamia Milia Islamia University Delhi July 19, 2002
44. Harjit Singh, Human Ecology and Geography, Teacher Training programme for Kendriya Vidyalaya New Delhi, July 21, 2002
45. Harjit Singh, Fieldwork in Geography, Teacher Training programme for Kendriya Vidyalaya New Delhi, July 21, 2002
46. Harjit Singh, Issues of Environment in the Himalayas, Training Programme for PGT Teachers of Senior Secondary Schools, Shahdara Delhi, July 26, 2002
47. Harjit Singh, Methodological Issues in Geography, Training Programme for PGT Teachers of Senior Secondary Schools, Shahdara Delhi, July 26, 2002
48. Harjit Singh, Indian Mountains and Eco-Tourism" University Women's Association Of Delhi, Indian Social Institute New Delhi, 19 Oct. 2002
49. Harjit Singh, Geographer's Concern for Human Ecology in the 21st Century Panjab University Chandigarh 13 January 2003
50. Harjit Singh, Emerging Trends in Methodology of Geography Panjab University Chandigarh 13 January 2003
51. Harjit Singh, Geography-Human Ecology Interface- Current Issues Jamia Milia Islamia New Delhi January 24 2003
52. Harjit Singh, New Challenges in Geography Methodology Jamia Milia Islamia New Delhi January 24 2003
53. Harjit Singh, Geography and Sustainable Development Panel Discussion Jamia Milia Islamia New Delhi January 30 2003
54. S.K. Thorat, Ambedkar views of Economic Development and Economic in the context of Economic Liberation Ambedkar Memorial Lecture, Sydenham College, Bombay, 4th Feb'2002,
55. S.K. Thorat, Economic Status of Dalits - Emerging Issues Ambedkar Centre, Deptt. Sociology, Chandigarh University, Chandigarh, 7 August'2002
56. S.K. Thorat, Special Component plan and the development of Scheduled Caste, National Institute of Rural Development in Hyderabad, on 23 August'2002,
57. S.K. Thorat, Economic of Caste System - Reflection on Theory, Roy Wilkin Centre, Humpry Institute, Minnesota University - Minneapolis (USA), 9 October 2002.

58. S.K. Thorat, Dalit and 10th Five Year Plan, Delhi Forum, , 16 December'2002

Centre of Philosophy

1. P. B. Mehta, Religion and Modernity, Jamia Hamdard, Feb 2003
2. P. B. Mehta, Plato, Rousseau and Rawls: Six Lectures, Lady Shriram College, Delhi University, Feb, 2003

Centre for the Study of Social Systems

1. Yogendra Singh Delivered lecture on "Tradition Versus Modernity in India" to the participants of the 43rd Course on National Security and Strategic Studies, February 17, 2003, National Defence College, Ministry of Defence, New Delhi.
2. Yogendra Singh, Delivered lecture in the memory of late Prof. Ram Ahuja at University of Rajasthan, Jaipur, September 30, 2002.
3. Yogendra Singh, Delivered Sani Foundation National Lecture on "Challenges of Globalisation to Cultural Identity and Economic Development in India" at Punjab University, Chandigarh, August 26, 2002.
4. K.L.Sharma, Delivered a lecture on "Caste System in Present day India" , Maison de l'Inde, Paris, France, February 16,2003
5. J.S. Gandhi, Delivered a lecture on "The Role of Key Respondents in Field Research", Department of Sociology, Mohanlal Sukhadia University, Udaipur, January, 2003.
6. Dipankar Gupta Delivered 7th Prem Bhatia Memorial Lecture on "Not by Tolerance Alone: India after Gujrat", New Delhi.
7. Anand Kumar , Delivered lecture on "Teachers Movement in India Today", Refresher Course, Academic Staff College, Jamia Millia Islamia, New Delhi, May 1, 2002
8. Maitrayee Chaudhuri , "The Indian Print Media: Advertisement and Gender in the context of Globalisation", Kamla Rani Memorial Lecture Series, The Departments of Political Science and Sociology, Janki Devi Memorial College, November 29, 2002.
9. Maitrayee Chaudhuri, "Faminism in South Asia", Refreshers' Course, Faculty of Arts, South Campus, University of Delhi, March, 2003.
10. Avijit Pathak, Value Education, Daulat Ram College, Delhi University, September 4, 2002
11. Avijit Pathak, Possible Interventions in the Domain of Education, Indian Social Institute, Lodhi Road, New Delhi, September 6, 2002.
12. Avijit Pathak, What is Durable in Indian Culture, India International Centre, New Delhi, May 17, 2002
13. Avijit Pathak, Educating the Child: Reflections on Ethics and Education, Lady Irwin College, September 25, 2002
14. Avijit Pathak, Religious Fundamentalism and Politics of Culture Differentiation, Max Muller Bhawan, November 23, 2002.

15. Avijit Pathak, Rethinking Modernity, Janki Devi College, Delhi University, November 28, 2002
16. Avijit Pathak, On Sociological Thinking, Institute of Technology and Management, Gurgaon, December 4, 2002
17. Avijit Pathak, Culture in the Age of Globalization, Indian Institute of Mass Communication, New Delhi, January 30, 2003.
18. Avijit Pathak, Issues in Social Research, V.V. Giri Institute of Labour, Noida, January 31, 2003.
19. Surinder S. Jodhka, "Capitalist Agriculture and Unfree Labour: The Indian Debate" Department of Rural Sociology", University of Wisconsin, Madison WI(USA), May 20, 2002.
20. Vivek Kumar, "Dalit Movement : Direction and Challenges", United Dalit Students' Forum, 14 April 2002.
21. Vivek Kumar, Panel discussion, "Dalit Movement and Responses of Civil Society", Indian Social Institute, 15 April 2002.
22. Vivek Kumar, "Sociology of Dalit Literature", Dalit Writers' Forum, New Delhi, 20-21 April, 2002.
23. Vivek Kumar, "Dalit Movement : A Macro Analysis", Islamic Student Organization, New Delhi, 4 June 2002.
24. Vivek Kumar, "Panchayati Raj Institution and Status of Weaker Sections", Indian Social Institute, 6 July 2002.
25. Vivek Kumar, "Hundred Years of Reservations", Lucknow Intellectual Forum Lucknow, 27 July 2002.
26. Vivek Kumar "Dalit Youth and Development of Leadership" Key note address: Workshop on Dalit Youth and Development of leadership, organized by Indian Social Institute in Lucknow 27 - 28 July 2002.
27. Vivek Kumar "Dalits: Discrimination and Emancipation", Indian Social Institute, 3 September 2002.
28. Vivek Kumar "Gujrat Carnage and Unity of Dalits and Minorities", Indian Social Institute, 7 September 2002.
29. Vivek Kumar "Dalits and the Question of Human Rights", Jamia Millia Islamia, 24 September 2002.
30. Vivek Kumar "Journalism and Development of Leadership among Dalit Youths" Indian Social Institute, 25 February 2003.

Zakir Husain Centre for Educational Studies

1. Deepak Kumar, Invited Lectures at the Refresher Course Programme, Academic Staff College, Jamia Millia.
2. Binod Khadria Invited Lecture at the Refresher Course in Orientation Programme of University of Delhi at Zakir Husain College.
3. Geetha B.Nambissan 'Higher Education in India: Issues of Access and Quality', Lecture delivered at the Orientation Course organized for college lectures of Delhi University organized by Bharati College on 7 March, 2003.
4. Minati Panda Lecture on "Culture, Cognition and Arithmetic", Berhampur University, Bhanjavihar, Orissa, 4 September, 2002.
5. Dhruv Raina, Refresher Course, Four lectures on the history of science, Ajmer University, 20-21 February 2003
6. Dhruv Raina "Enlightenment Histories, Jesuit Sources", national Centre for Biological Systems, Bangalore, 21 March 2003.

Centre for Historical Studies

1. Jyoti Atwal, 'Trajectories of Widowhood: community Response in Colonial and Contemporary India' Jamia Millia Islamia on 30 January 2003.
2. Kunal Chakrabarti, 'Imaging the Forest in Indian Tradition', The Rockefeller Research Center, Bellagio, Italy, July 2002.

Centre of Social Medicine and Community Health

1. Mohan Rao, National Institute of Science Technology and Development Studies (NISTADS), New Delhi, "Globalisation and Health: An Overview", 16 July 2002.
2. K.R.Nayar, VV Giri National Labour Institute. Course on methods in labour research. Lecture on approaches to qualitative labour research. 21.1.2003.
3. Ritu Priya Mehrotra, Lecture-cum-discussion on Societal Concerns and Strategies for AIDS Control in India, 24 Jan. 2003 at the Sexual Health Resource Centre, DFID & ORG-MARG.

Centre for Economic Studies & Planning

1. Anjan Mukherji, On the Robustness and Stability of Cyclical Behavior, Institute of Social and Economic Research, Osaka University, Japan, October 2, 2002.
2. Anjan Mukherji, Robust Cyclical Behavior, Keio University, Tokyo, Japan, December 9, 2002.
3. Anjan Mukherji, Periodic behavior in Micro and macro, Institute of Economic Research, Kyoto University, Japan, January 28, 2003.
4. Arun Kumar, An Overview of Indian Public Finance. Lecture Delivered on July 1, 2002 at a Training Programme for ICAS Officers from July 1-5 2002. Organized by Institute of Government Accounts and Finance, Ministry of Finance, New Delhi.
5. Arun Kumar, Green Perspective on Deepening of Democracy Globally. Seminar organized by Vasudhaiv Kutumbakam, New Delhi at India International Centre. September 20, 2002.
6. Arun Kumar Initiative on the Decentralization of Railway Zones: Will it Leverage the Economy of the Country Better? Talk at India Habitat Centre. October 4, 2002.
7. Arun Kumar, Globalization, Environment and the Poor. Talk at the Plenary Session of the Climate Justice Summit, VP House, N Delhi on October 27, 2002.
8. Arun Kumar, The Current Crisis in the Global Economic Order. Talk at the meeting organized by SUCI at GPF to commemorate the October Revolution on November 7, 2002.
9. Arun Kumar, The Black Economy and its Consequences. Inaugural Talk for the Economics Society Festival of Shri Ram College of Commerce, Delhi University. November 11, 2002.
10. Arun Kumar, Globalization of Economy, White Collar Crime and Impact of other Economic Offences on National Security. Talk given at the IB Training School, New Delhi. November 22, 2002.
11. Arun Kumar, India's Black Economy, Definitions, Measurement and the Macroeconomic Linkages. Two lectures given in the National Management Programme, Management Development Institute, Gurgaon. December 11 and 13, 2002.

12. Arun Kumar, Panelist at the Panel Discussion on Arthyug ke Anarth. Organized by Bhartiya Gyanpith, New Delhi at India International Centre on December 30, 2002.
13. Arun Kumar, Talk at a Panel Discussion on Changing World Scenario and 'We the People of India'. Organized at the NREC College, Khurja, UP. January 25, 2003.
14. Arun Kumar, Globalization and its Impact on the Economies of Developing Countries. Talk given at Indian Institute of Mass Communication on March 6, 2003 in the Course for the Developing Countries Journalists.
15. Arun Kumar, Black Economy and Economic Offences. Talk given at IB Training College on March 12, 2003 at the training programme for the Middle Level Officers.
16. Arun Kumar, Union Budget 2003-2004 and VAT. Organized by Mahila Dakshita Samiti, New Delhi on March 17, 2003 at Constitution Club, New Delhi.
17. Ramprasad Sengupta, Lecture on 26-27 September 2002 on the topic "Ecology and Economics - An Approach to Sustainable Development" in the Training Programme on Environmental Economics for Media Persons and NGO Officials under the World Bank's Capacity Building Project in Environmental Economics during September 23-28, 2002 at the Population Research Centre, Himachal Pradesh University, Simla.
18. Ramprasad Sengupta, Lecture on 29-30 January 2003 on the topic "Environmental Economics: A Case Study of Automobile Pollution" in training programme on Environmental Economics for Senior Managers of the Private Industries under the World Bank's Capacity Building Programme in Environmental Economics held at the Indian Institute of Management Calcutta during 27 January to 31 January 2003.
19. Praveen Jha, April 25, 2002 : Continuity and Change - Some Observation on the Landscape of Agricultural Labourers in North Bihar, India, Centre for Asian Studies, Austerdam, the Netherlands.
20. Praveen Jha, June 19, 2002: The Changing World of Rural Workers - Some Reflections based on Field Studies in North Bihar, India, South Asia Institute, Heidelberg, University of Heidelberg.
21. Praveen Jha, An Agenda for Land Reforms, January 4, 2003, Asian Social Forum, Hyderabad.
Research Methods in Labour Economics, January 14 and 16, 2003, National Labour Institute, NOIDA
22. Praveen Jha, Planning in India - Which Way Now?, January 23, 2003, ISTM, New, Delhi.
23. Praveen Jha, Budget in the Context of Neoliberal Macroeconomic Policy, 7 February, 2003, Indian Social Institute, New Delhi.
24. Praveen Jha, Contemporary Development Paradigms, 10 February 2003, IIPA, New Delhi.
25. Praveen Jha, Some Responses to the Report of the 2nd National Commission on Labour, February 27, 2003, National Institute of Personal Management, Calcutta.
26. P.Patnaik 'On the Need for Regulating Technological Change'. J. K. Mehta Memorial Lecture, Department of Economics, University of Allahabad, September 28, 2002.
27. P. Patnaik, 'The Humbug of Finance' Invited lectures in Cornell University Lecture Series, October 29-November 3, 2002.
28. P.Patnaik 'Open-economy Macroeconomics with Capital Flows'. Institute de Economia, Universidade Federal de Rio de Janeiro, Brazil, January 28, 2003.
29. P.Patnaik, The Union Budget for 2003-04' Sudhir Yardi Memorial Lecture, St. Xavier's College Mumbai, March 6, 2003.
30. U. Patnaik, 'Economic Developments in the Last Decade'. Lectures under UGC refresher course for economics teachers, Bharatidasan University, Thiruchirappalli, April 18-19, 2002.
31. U. Patnaik, 'The Economic Consequences of War in Iraq', March 11, 2003, University of Calcutta.

Group of Adult Education

1. S.Y. Shah delivered a lecture on "Administration of Adult Education in India" for participants of the National Diploma Course on Educational Planning and Administration at NIEPA on November 15, 2002.
2. S.Y. Shah delivered a lecture on "Research Trends in Adult Education" at Research Methodology course held at Indian Adult Education Association, New Delhi, November 2, 2002.
3. S.Y. Shah delivered a talk on "Role of Information and Communication Technology in Adult Education", at the Annual Conference of Indian Adult Education Association held at Madurai during Dec. 26-27, 2002.
4. S.Y. Shah delivered a lecture on "Literacy and Development", for the participants of the International Diploma in Educational Planning and Administration at NIEPA, New Delhi on Feb. 13, 2003.
5. Shantha Krishnan delivered a lecture on non-Formal Education focused on market-oriented skills development in various fields, as one of the main speakers in the Education Session of the National Conference on Education and Socio-economic Empowerment of SCs and STs, Banaras Hindu University, Varanasi, on 29 September 2002.
6. M.C. Paul delivered a lecture on "Effects and Consequences of Drug Abuse among Youth and Children" at National Institute of Criminology and Forensic Science, (Ministry of Home Affairs), New Delhi, on August 30 - 31, 2002.
7. M.C. Paul delivered a lecture on "Leaders Commitment to World Peace" organised by Family Federation for World Peace & Unification, at IIC, New Delhi, on 30 September, 2002.
8. M.C. Paul delivered a lecture on "Education and Ethics", organised by Delhi Satsang Society, New Delhi, on 2 October, 2002.
9. M.C. Paul delivered a lecture on "Role of UNDCP in preventing & Control of Drug Abuse", at National Institute of Criminology & Forensic Sciences, Ministry of Home Affairs, New Delhi, on 31 October, 2002.

XII. VISITORS TO THE SCHOOL/CENTRE

Centre for the Study of Regional Development

1. UGC team visited the Centre on 27 November, 2002
2. A batch of students with faculty from the department of Demography, University of Kerala visited the Centre, December, 2002.
3. A team of 25 scholars and faculties from University of Salzburg, Austria visited on 28-30 January, 2003

Centre for the Study of Social Systems

1. Clemens Jurgenmeyer (Arnold Bergstraesser Institute, Germany)
2. Prof. Hartmut Elsenhans (University of Leipzig)
3. Prof. P.K. Dave (Director, AIIMS)
4. Dr. G. Taravout (Director, Indo-French Programme Maison Des Sciences De L'Homme)
5. Prof. N.J. Demerath (Professor University of Massachusetts, and Senior Fullbright Specialist)

6. Prof. Ari Sitas (University of Natal, Durban, South Africa)
7. Ms. Julia Suryakusuma Scholar, Journalist from Indonesia

Zakir Husain Centre for Educational Studies

1. Dr. Pranab Banerji, Fellow, IIPA, Lecture on 'Values and Institutions in Economic Development: Some Trends', 17 April, 2002.
2. Dr. Benjamin Zachariaiah, University of Sheffield, United Kingdom, "Development & Legitimation C;1930-1950" 2 August, 2002
3. Professor Aurobindo Samanta, Burdwan University, Burdwan, Lecture on 'Cyclone Hazards and Community Response in Coastal Bengal', 28 August, .2002.
4. Dr. Soumitri Vardarajan, Department of Industrial Design, Indian Institute of Technology, New Delhi, "The Project of Industrial Design Education in India: A Practitioner's History" 20 September, 2002.
5. Professor Yogendra Singh, Emeritus Professor, CSSS, JNU, "Emerging Aspects of Education and Social Change in India", 25 September, 2002.
6. Professor H.K. Chang, President and Professor, City University of Hong Kong, "Universities with Diversity-Hong Kong's Higher Education, 29 January, 2003.
7. Dr. Gevaldine McDonald, Victoria University at Wellington, Lecture on 'Education, Human Rights and the Law', 22 January, 2003.
8. Professor I.S. Dua, Department of Microbiology, Panjab University, Chandigarh, Lecture on 'Darwin to Dolly and Beyond', 26 February; 2003.

Centre for Economic Studies & Planning

1. Prof Vivek Moorthy, IIM, Bangalore has been a visiting Professor in the Centre from February 2003 to May 2003.
2. Dr N Gareb-ab, Chief Economic Advisor to the Prime Minister of Ethiopia visited the Centre on January 21, 2003.
3. Dr. Veronica Villarespe Reyes, Instituto de Investigaciones Economicas, Mexico visited the Centre in November 2002.
4. Dr. Pinaki Chakraborty, Burdwan University visited the Centre in October- November 2002.
5. Prof. Fernando Rello, National University of Mexico was a visiting Prof in the Centre from December 2001 to October 2002.

Group of Adult Education

1. Prof. Alan Rogers, Special Professor, Nottingham University, UK
2. Prof. T.K.V. Subramanian, Dean, Faculty of Social Sciences, University of Delhi
3. Prof. S. K. Bhatti, Head, Department of Extension, Jamia Millia Islamia

XIII. LECTURES/SEMINARS/CONFERENCES ORGANISED BY THE SCHOOL/CENTRE

Centre for Studies in Science Policy

1. "Chinese Strategies Towards High Technology" by Prof. Erik Baark , Hong Kong University of Science & Technology, July 10, 2002.
2. "Achieving Technological Capability: Cases of Steel and Biotechnology" by Dr. Bernard D' Mello, Management Development Institute Gurgaon, mid-September, 2002.
3. "India's Emerging National Innovation System" by Prof. Rishikesh Krishnan, Indian Institute of Management, Bangalore, September 27, 2002.
4. "How Governments Acquire Scientific and Technological Advice : Recent Trends", by Dr. Geoffrey Oldham, Emeritus Professor, Science & Technology Policy Research Unit (SPRU), University of Sussex, U.K., on November 1, 2002.
5. "Some Contemporary Trends in the History of Technology" by Prof. Nasir Tyabji, Senior Fellow, CSSP on November 13, 2002
6. "Biodiversity, National Legislation and the WTO" by Dr. Suman Sahai, Gene Campaign New Delhi on January 29, 2003,
7. Workshop organized by Professor Ashok Parthasarathi on "Intellectual Property Management and Technology Commercialization in Higher Educational Institutions" in Collaboration with the Association of Commonwealth Universities, London, over December 5 to 7, 2002.

Centre for Political Studies

1. Dr. Laura Jenkins, Department of Political Science, University of Cincinnati delivered a talk on 'Reservation Policy and Affirmative Action: Comparing India and the United States' on 16 Sept.02
2. Prof. N.J. Demarath, University of Massachusetts gave a Seminar on Religion, Politics and the State on January 15, 2003.
3. Prof. Dean Harry Harding, The George Washington University, USA gave a Seminar on US Foreign Policy Towards Asia on 30th January 2003.
4. Prof. Veena Das, Johns Hopkin University gave a Seminar on Anthropology at the Margins of the State on January 29, 2003.
5. Dr. Maren Bellwinkel - Schempp of South Asia Institute, University of Heidelberg delivered a talk on Dalit Assertiveness, deindustrialization and Urban government in Kanpur on March 5, 03.
6. Prof. Susanne Rudolph and Prof. Lloyd Rudolph of University of Chicago delivered a talk on Engaging subjective Knowledge: Epistemological Implications of the Amar Singh Diary.
7. Prof. Aijaz Ahmed, Visiting Professor, CPS gave a Seminar on The Iraq War and Remapping The World on 9 April 03.
8. Prof. Rada Ivekovic of University of Paris delivered a lecture on National and Supranational Construction of Europe on 26 Feb., 03.

Centre for the Study of Social Systems

1. Clemens Jurgenmeyer, Arnold Bergstraesser Institute, Germany "Westminister Model of Democracy and Indian Political System, 4 April, 2002.
2. Group of Scholars including faculty members "Prof. C. N. Venugopal Felicitation Seminar on Sociology of Religion in India", 15 April, 2002.
3. Prof. Hartmut Elsenhans, University of Leipzig "Globalization and New Social Movements", 18 April, 2002.
4. Prof. P. K. Dave, Director, AIIMS "The role of Public Hospitals in India" 8 August, 2002.
5. Prof. Joel Ruet "The Organisation and sociology of the Public Sector in India and France", 22 August, 2002.
6. Dr. Rama Baru, JNU "Sociology of Privatisation in Health" 5 September, 2002.
7. Franson Manjali "Discourse: Desire, Knowledge & Power", 12 September, 2002.
8. Dr. Harish Naraindas "Crisis, Charisma and Triage: Eradication the Pox", 19 Sept., 2002.
9. Janet Chawla, "Tradition and Modernity Cultural Constructions of Birth", 26 Sept., 2002.
10. Anjolie Ela Menon "Contemporary Arts", 17 October, 2002.
11. Group of Scholars including faculty members "Prof. T. K. Oommen Felicitation Seminar on Rethinking Sociology: The Indian context"" 21-23 October, 2002.
12. Dr. G. Taravout, Director, Indo-French Programme Maison Des Sciences De L'Homme, "For an Anthropology of Divesity: The case of Kerala", 31 October, 2002
13. Prof. N. J. Demerath, University of Massachusetts and Senior Fulbright Specialist "Civil Religion and Civil Society in a Civilised World", 16 January, 2003.
14. Prof. R. Rajaraman, School of Physical Sciences "Risks in Possessing and Deploying Nuclear Weapons", 23 January, 2003,.
- Ø Prof. Jyotindra Jain, Dean, School of Arts and Aesthetics "Museums as Contested Space".
- Ø Prof. Ari Sitas, University of Natal, Durban, South Africa "Violence, Social Movements and Neo-Gandhian Impulse in Kwazulu Natal", 6 February, 2003.
- Ø Gita Hariharan, "Writing Fiction in Troubled Times", 13 February, 2003.
- Ø Prof. C. P. Bhambhri, Distinguished Scholar "Hindutva: A Challenge to Multi-cultural Democracy", 20 February, 2003.
19. Dr. Ishita Dube, "Sociology of the Jaganath Temple" 27 February 2003
20. Prof. Riyaz Punjabi, "Culture of Violence: Responses of State and Civil Society (A case study of Kashmir)", 6 March 2003
21. Ms. Julia Suryakusuma, Scholar, Journalist from Indonesia, "Multiculturalism in Indonesia" 26 March, 2003.

Zakir Husain Centre for Educational Studies

1. International Conference on Environmental History of Asia, December 4-7, 2002, organized jointly by the ZHCES, JNU and the Centre for Environmental History, Sussex University.

Centre for Historical Studies

1. Dr. Indivar Kamtekar, 'Academic Staff College, JNU, Lectures delivered on 18 November 2002 and 18 February 2003.

2. Kunal Chakrabarti, Presented the first seminar entitled 'Lakshmi's other: Brahmanical construction of A Negative Goddess' in the CHS faculty seminar series on the History of Religions in November 2002.

Centre for Economic Studies and Planning

1. Prof. Vivek Moorthy, IIM (Bangalore) "Setting small Savings and PF Rates" 25 March, 2003.
2. Prof. Subhashis Gangopadhyay, India Development Foundation, "The relevance of consignment in a simple asymmetric information model", 4 March, 2003.
3. Dr. Richard Perkins, Post Doctoral Fellow, London School of Economics "Environmental Leapfrogging in Developing Countries: A Critical Assessment and Reconstruction", 25 February, 2003.
4. Prof. Gurbachan Singh, SIS, JNU "Financial Intermediation and Employment" 25 February, 2003.
5. Prof. Prabhat Patnaik, Dean, SSS "Price and Income Fluctuations in Agriculture", 3 December, 2002.
6. Prof. Manoranjan Dutta, Rutgers University, USA, "Indian Economic Reforms: A Critique", 26 November, 2002.
7. Prof. Gilbert Etienne of Graduate Institute of International Studies, Geneva "Some Recent Trends of China's Economy with Reference to India", 21 November, 2002
8. Dr. Pinaki Chakraborty, Burdwan University "Some conflicting aspects of the employment multiplier", 7 November, 2002.
9. Dr. Veronica Villarespe Reyes, Instituto de Investigaciones Economicas, Mexico, "Poverty, Theory and History" 5 November, 2002.
10. Dr. Shen Kaiya, Visiting Scholar (Asia Fellow Programme) "Achievements and Problems of Chinese Economic Problems", 29 October, 2002.
11. Prof. Fernando Rello, National University of Mexico "Rural Institutions and Family Strategies against poverty in Mexico", 3 October, 2002.
12. Prof. Pradeep Dubey, SUNY (Stonybrook) USA, "Strategic Complements and substitutes and Potential Games", 1 October, 2002.
13. Dr. Amit Ray, SIS, JNU "FDI in Economic Development and China and India: A comparative Analysis", 2 September, 2002.

Group of Adult Education

1. S.Y. Shah coordinated an all India short-course on "Research Methodology and Recent Developments in Adult Education", jointly sponsored by the Group of Adult Education, JNU and Indian Adult Education Association at New Delhi during October 26 to Nov. 4, 2002.
2. S.Y. Shah coordinated an International Seminar on "Urban Literacy" jointly sponsored by the State Resource Centre, Indian Adult Education Association, Uppingham Seminars in Development and Group of Adult Education, JNU, held at IIC, New Delhi during December 11-13, 2002.
3. Shantha Krishnan initiated preparatory action for holding a National Conference on "Cultivation of medicinal Plants, Rural Employment, Income opportunities and challenges", at Hyderabad, Andhra Pradesh.
4. M.C. Paul organised a Five-day Workshop on "Problems of Dependence producing Substances and Research Methodology", sponsored by UGC, at JNU during 10-14 April, 2002.

XIV. AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

Centre for the Study of Regional Development

1. G.K. Chadha, Conference President, 62nd Annual Conference of the Indian Society of Agricultural Economics
2. G.K. Chadha, Elected President of the Annual Conference of the Indian Society of Labour Economics
3. G.K. Chadha, Received Rashtriya Ekta Award for outstanding academic service to the cause of rural development.
4. Sudesh Nangia, President, IASP
5. Sudesh Nangia, Convener, Population Education Programme, UGC
6. Sudesh Nangia, Member Editorial Board, Demography India, Indian geographical Journal
7. Harjit Singh, Chairman, House Allotment Committee, Jawaharlal Nehru University since 2000
8. Harjit Singh, Advisor University Employment Exchange since 2001
9. K.S. Sivasami, Member in the Committee to Study the Problems of Silting of Indian Rivers, Ministry of Water Resources, Government of India.

Centre for the Study of Social Systems

1. Yogendra Singh, Honorary Visiting Professor awarded by Andhra University, Visakhapatnam, Andhra Pradesh for the Year 2002-2003.
2. Yogendra Singh Editorial Fellowship awarded by the Centre for Studies in Civilizations, New Delhi for the year 2003.

Zakir Husain Centre for Educational Studies

1. Deepak Kumar, Visiting Fellow, Wellcome Institute for History of Medicine, London, June-July, 2002.

Centre for Historical Studies

1. Kunal Chakrabarti, A month's visiting fellowship at the Rockefeller Research Center, Bellagio, Italy.

Centre of Social Medicine and Community Health

1. K.R.Nayar, Guest Professor, Department of Tropical Hygiene and Public Health, Heidelberg University, Germany.
2. K. R. Nayar, External Examiner, Department of Tropical Hygiene and Public Health, Heidelberg University, Germany. 2002 to 2004.

Centre for Economic Studies & Planning

1. Anjan Mukherji, Awarded Visiting Foreign Scholarship at the Institute of Social and Economic Re-

search, Osaka University (August 1, 2002 - July 20, 2003) to work on "Competitive Equilibria: Convergence, Cycles or Chaos".

2. Arun Kumar, P V Sukhatme Gold medal of the Indian Academy of Social Sciences for the best theoretical paper on Globalization. Awarded on January 22, 2003 at the Inaugural Function of the XXVI Indian Social Science Congress.

Group of Adult Education

1. S.Y. Shah has been conferred the Sardar Patel International Literacy Award jointly sponsored by the Commonwealth Association for the Education and Training of Adult (U.K.) The Global Open University (Milan) and International Association of Educators for World Peace (USA).

XV. MEMBERSHIP OF BOARDS/COMMITTEES

Centre for Studies in Science Policy

1. V.V.Krishna, Editor of the Journal: Science, Technology & Society (Sage Publications)
2. V. V. Krishna, Member, Task Force on Industrial Clusters, UNIDO Cluster Program, New Delhi
3. V. V. Krishna, Member, International Council for Science Policy Studies, (ICSU), Unesco, Paris, France
4. A.Parthasarathi, Member of the International Governing Board of the South Centre, Geneva
5. A. Parthasarathi, Member of the Board of Directors, 21st Century Battery Ltd., Chandigarh
6. A. Parthasarathi, Member of the Board of Directors, Turbotech Precision Engineering Ltd, Bangalore
7. A. Parthasarathi, Member of the Advisory Committee on Educational and Cultural Activities of the India International Centre, New Delhi.
8. A. Parthasarathi, Member, Programme Planning Advisory Group on S&T of the India International Centre, New Delhi.
9. A. Parthasarathi, Member of the Governing Body of the Strategic Management Group, New Delhi
10. A. Parthasarathi, Member of the Drafting Committee of the Millennium S&T Policy Statement of the Government of India set up under the Chairmanship of Professor MGK Menon, by Dr. Murli Mahohar Joshi, Union Minister for HRD, S&T and Ocean Development.
11. Nasir Tyabji, Member of the Standing Committee, Women's Studies Programme, Jawaharlal Nehru University, New Delhi
12. Nasir Tyabji, Member of the Advisory Committee of the Commission on the History of Modern Chemistry, International Union of History and Philosophy of Science / Division of History of Science
13. Nasir Tyabji, Member of the Senior Editorial Board of the new international Journal, Comparative Technology Transfer and Society published for the Colorado Institute of Technology Transfer and Implementation by the Johns Hopkins University Press.
14. K.J. Joseph, Member Indian Committee on Indo-Japan Collaboration in Social Science and Humanities
15. K. J. Joseph, Vice President, Kerala Development Society.

Centre for the Study of Regional Development

1. Anuradha Banerjee, Life Member, The Geographical Society of India, Calcutta
2. Anuradha Banerjee Life Member, The Institute of Ecology, Ekistics and Landscape, Calcutta
3. Anuradha Banerjee, Life Member, Indian Association for the Study of Population
4. Anuradha Banerjee, Life Member of Indian National Cartographic Association
5. B. S. Butola, Member, National Association of Geographers India
6. B. S. Butola, North Eastern India History Association
7. B. S. Butola, North Eastern Hill Geographers Association
8. B. S. Butola, Centre for Inter disciplinary Studies on North East
9. G.K. Chadha, Indian Economic Association
10. G.K. Chadha, Indian Society of Labour Economic.
11. G.K. Chadha, Indian Society of Agricultural Economics
12. G.K. Chadha, Indian Econometrics Association
13. G.K. Chadha, Indian Society for the Study of Population
14. G.K. Chadha, Indian Association of Social Sciences
15. G.K. Chadha, Member, Planning Commission Task Force on Employment during the Tenth Five Year Plan.
16. G.K. Chadha, Member, Special Advisory Panel of the Indian Council of Agricultural Research (Irrigated Crop System).
17. G.K. Chadha, Member Bhoovigyan Award Committee of the Bhoovigyan Research Foundation.
18. Kusum Chopra, Member of the Delhi Discussion Group at ISID
19. Kusum Chopra, Outside Expert of the UGC-DRS Advisory Committee of the School of
20. Kusum Chopra, Economics of Madurai Kamaraj University, Madurai
21. Narayan C. Jana Life Member, Indian Science Congress Association, Calcutta
22. Narayan C. Jana Life Member, Geographical Society of India, Calcutta
23. Narayan C. Jana Life Member, Institute of Landscape, Ecology & Ekistics, Calcutta
24. Narayan C. Jana Life Member, Regional Science Association, Calcutta
25. Narayan C. Jana Life Member, Indian Council of Geographers, Bhubaneswar
26. Narayan C. Jana Life Member, Indian Institute of Geomorphologists, Allahabad
27. Narayan C. Jana Life Member, Institute of Indian Geographers, Pune
28. Narayan C. Jana Life Member, Indian National Cartographic Association, Hyderabad
29. Narayan C. Jana Life Member, Asian Environmental Council, Jaipur
30. Narayan C. Jana Life Member, Akhil Bharat Bhuvvidya O Paribesh Samiti, Santiniketan
31. Narayan C. Jana Life Member, Bharata Vidya Charcha Kendra, Burdwan
32. Narayan C. Jana Associate Member, Bhoovigyan Vikas Founadtion, New Delhi
33. Atiya Kidwai, Associate Fellow, Institute of Town Planners, India
34. Atiya Kidwai, Life Member, National Association of Geographers India
35. Atiya Kidwai, Member, Educational Standing Committee, Institute of Town Planners, India
36. Atiya Kidwai, Member, Doctoral Research Committee, School of Planning and Architecture, New Delhi
37. Atiya Kidwai, Member, Course Restructuring Committee, Department of Regional Planning, School

of Planning and Architecture, New Delhi

38. Atiya Kidwai, Executive Member , Urban History Association of India
39. Atiya Kidwai, Member, Committee for Syllabi and Examination, Council of Architecture, India
40. Atiya Kidwai, Member, Project Advisory Committee (PAC) for the IGNOU World Bank Rehabilitation and Resettlement Project
41. Atiya Kidwai, Member, Study Group on Regional Land use, National Capital Region Planning Board, New Delhi
42. Atiya Kidwai, Member Committee for Doctoral Programmes, School of Planning and Architecture, New Delhi
43. P. M. Kulkarni, UGC Visiting Committee: IXth Plan Performance Appraisal and Xth Plan Proposals, University of Kalyani
44. P. M. Kulkarni, Editorial Board: Demography India
45. P. M. Kulkarni, Technical Advisory Committee: Sample Registration System, Office of the Registrar General, India.
46. P. M. Kulkarni, Steering Committee: Health Systems Performance Assessment for the World Health Report 2002, IIPS, Mumbai.
47. P. M. Kulkarni, International Union for the Scientific Study of Population (IUSSP).
48. P. M. Kulkarni, Indian Association for the Study of Population (IASP).
49. P. M. Kulkarni, International Association of Survey Statisticians (IASS).
50. Amitabh Kundu, Member, Editorial Board, Indian Journal of Labour Economics
51. Amitabh Kundu, Member, Editorial Board, Journal of Applied Manpower Research
52. Amitabh Kundu, Member, Editorial Board, Urban India
53. Amitabh Kundu, Member, Editorial Board, Journal of National Institute of Educational Planning and Administration
54. Amitabh Kundu, Member, Governing Board, Institute of Development Studies, Jaipur
55. Amitabh Kundu, Member, Research Advisory Committee, IAMR, New Delhi
56. Ashok Mathur, Member, Board of Governors, Centre for Studies in Social System, Calcutta
57. Ashok Mathur, Life Member, Indian Economic Association
58. Ashok Mathur, Life Member, Indian Journal of Labour Economics
59. Ashok Mathur, Life Member, Indian Society of Labour Economics
60. Ashok Mathur, Life Member, Indian Regional Science Association
61. S. K. Nangia, Life Member, National Association of Geographers, India
62. S. K. Nangia, Life Member, Indian Association for the Study of Population (President 2002-2004)
63. S. K. Nangia, Life Member, Indian Regional Science Association
64. S. K. Nangia, Life Member Indian Society of Labour Economics
65. S. K. Nangia, Life Member, Indian Land-Use and Remote Sensing Society
66. S. K. Nangia, Life Member, Indian National Cartographic Association (Member, EC)
66. S. K. Nangia, Life Member of Association of North-Eastern Hill Geographers
67. S. K. Nangia, Life Member, Indian Geographical Society
68. S. K. Nangia, Member, Institute's Selection Assessment and Promotion Committee, Wild Life Institute of India, Dehra Dun

69. S. K. Nangia, Member, International Commission on Population of Environment, International Geographical Union
70. S. K. Nangia, Member, Social Behavioral Task Force, ICMR, New Delhi
71. S. K. Nangia, Member, International Network on Population and Environment, IUSSP, International Union for the Scientific Study of Population, Paris , France.
72. S. K. Nangia, Member, Board of Studies, SIS, JNU
73. S. K. Nangia, Annual Member, International Union for the Scientific Study of Population
74. S. K. Nangia, Member, Society for Applied Research in Humanities
75. M. H. Qureshi, Life Member, National Association of Geographers, India
76. M. H. Qureshi, Life Member, Indian Geographical Society, Chennai\
77. M. H. Qureshi, Life Member, Rajasthan Geographical Association
78. M. H. Qureshi, Member, Board of PG Studies in Geography, Kurukshetra University, Kurukshetra
79. M. H. Qureshi, Member, Board of PG Studies in Geography, M.D. University, Rohtak
80. M. H. Qureshi, Member, Board of Studies in Geography, Burdwan University, Bardhawan, West Bengal
81. M. H. Qureshi, Member of the Faculty of Sciences, Aligarh Muslim University, Aligarh
82. M. H. Qureshi, Member, Board of Studies in Geography, Meerut University, Meerut
83. M. H. Qureshi, Life Member, Servants of Peoples, Society, Delhi
84. M. H. Qureshi, Member of Executive, Akhil Bharat Rachnatmak Samaj
85. M. H. Qureshi, M. H. Convenor, Association of Peoples of Asia, Delhi
86. M. H. Qureshi, Member, Academic Council, Jamia Millia Islamia, New Delhi
87. M. H. Qureshi, Member, Academic Committee, College of Military Engineering, Pune
88. M. H. Qureshi, Member, Centre for West Asian and African Studies, School of International Studies, JNU, New Delhi
89. M. H. Qureshi, Member, Centre for Persian Studies, School of Languages, Literature and Culture, JNU
90. M. H. Qureshi, Member, Centre for Sanskrit Studies, JNU
91. M. H. Qureshi, Member, Narmada Control Authority, Sub-Committee on Rehabilitation and Re-Settlement , Government of India
92. M. H. Qureshi, Member, Board of Studies, Faculty of Humanities and Social Sciences, MLSU, Udaipur
93. Saraswati Raju, Life Member, National Association of Geographers (NAGI) India
94. Saraswati Raju, Life Member, Indian Sociological Society, India
95. Saraswati Raju, Life Member, Indian Association of the Scientific Study of Population
95. Saraswati Raju, Life Member, Regional Science Association India
96. Saraswati Raju, Life Member, Indian Association for the Study of Population, India
97. Saraswati Raju, Life Member, Institute of Indian Geographers
98. Saraswati Raju, Founding Member, Gender Studies Forum, Jawaharlal Nehru University, New Delhi
99. Saraswati Raju, Member, DSA Advisory Committee, CSRD 1997?2002
100. Saraswati Raju, Member, Academic Council, 1999-to date.
101. Saraswati Raju, Member, Governing Council, Transactions: Institute of Indian Geographer
102. Saraswati Raju, Member, Editorial Board Antipode, U.K

- 103.Saraswati Raju, Member, Editorial Board Annals of Association of American Geographers, USA
- 104.R. K. Sharma, Member, Indian Society of Labour Economics
- 105.R. K. Sharma, Member, Indian Association for the Study of Population
- 106.R. K. Sharma, Member, Regional Science Association of India
- 107.Harjit Singh, Life Member, National Association of Geographers, India
- 108.Harjit Singh, Fellow, Indian Society of Human Ecology
- 109.Harjit Singh, Member, Board of Studies, School of Environmental and Human Sciences NEHU, Shillong
- 110.Harjit Singh, Member, Board of Post Graduate Studies, Social Sciences Jammu University, Jammu
- 111.Harjit Singh, Member, Ph.D Board H.P. University, Shimla
- 112.Harjit Singh, Member, Permanent Committee of International Society for Ladakh Studies Bristol (U.K.)
- 113.Harjit Singh, Fellow of Indian Society for Human Ecology.
- 114.Harjit Singh, Member Post Graduate Board of Studies, Punjabi University Patiala
- 115.Harjit Singh, Member, ICSSR Regional Centre Advisory Committee
- 116.K.S. Sivasami, Life Member, NAGI
- 117.K. S. Sivasami, Life Member, India Meteorological Society, Delhi
- 118.K. S. Sivasami, Life Member, India Geographical Society, Madras
- 119.K. S. Sivasami, Member, Indian Remote Sensing Society
- 120.K. S. Sivasami, Member, Committee to Study the Problem of Silting in Indian Rivers, Govt. of India, Central Water Commission, New Delhi
- 121.Sachidanand Sinha, Life Member, Indian Society of Labour Economics
- 122.Sachidanand Sinha, Member, NAGI
- 123.Sachidanand Sinha, Member, Advisory Board of Land & People Series, NBT, New Delhi
- 124.Sachidanand Sinha, Member, Advisory Committee, National Book Trust, New Delhi
- 125.Ravi Srivastava, Member, Policy Advisory Cell, Planning Commission, Government of Uttar Pradesh.
- 126.Ravi Srivastava, Member, National Steering Committee on Participatory Poverty Assessments, Asian Development Bank-Government of India.
- 127.Ravi Srivastava, Member, Steering Committee on Rural Poverty, Watersheds, Decentralisation and Rural Development, Tenth Plan (Planning Commission).
- 128.Ravi Srivastava, Member, Working Group on Anti-Poverty Programmes, Tenth Plan (Planning Commission)
- 129.Ravi Srivastava, Member, Working Group on Monitoring and Evaluation, Tenth Plan (Planning Commission).
- 130.Ravi Srivastava, Member, Working Group on Agriculture, Demand and Supply Projections, Tenth Plan (Planning Commission),
- 131.Ravi Srivastava, Members, Editorial Advisory Board, Journal of Agrarian Change.
- 132.Ravi Srivastava, Member, Editorial Board, Indian Journal of Labour Economics.
- 133,S. K. Thorat, Member, Governing Body, "Ambedkar Foundation", New Delhi
- 134.S. K. Thorat, Member, Academic Council, Dr. Babasaheb Ambedkar, Central University, Lucknow
- 135.S. K. Thorat, Member, Prominent Academiicians/Researcher,Users Group, NSSO, CSO, Delhi

- 136.S. K. Thorat, Member, Indian Journal of Labour Economics, Delhi
- 137.S. K. Thorat, Member, American Journal of Indian Studies, Hyderabad
- 138.S. K. Thorat, Member, Editorial Board, Dalit International Newsletter, Walford, USA
- 139.S. K. Thorat, Member, Editorial Board, "Fourth World" Journal, NISWASS, Bhubneshwar
- 140.S. K. Thorat, President, Polish Alumni Association, Delhi
- 141.S. K. Thorat, Member, Governing Body, Management Body and Academic Council, "Ambedkar S. S. K. Thorat, Research Institute of Social Sciences, MHOW, Indore.
- 142.S. K. Thorat, Member Research Advisory Committee (Economics) University of Bombay, Mumbai
- 143.S. K. Thorat, Member Group on Rural Poverty for 10th Plan, Planning Commission
- 144.S. K. Thorat, Member Board of Management, Oriental Insurance Corporation, Delhi
- 145.M. D. Vermuri, Member, Indian Association for the Study of Population.
- 146.M. D. Vermuri, Member, Society for Applied Research in Humanities
- 147.M. D. Vermuri, Member, Indian Society of Labour Economics

Centre of Philosophy

1. P. B. Mehta, Member, Academic Council, Jamia Hamdard University
2. P. B. Mehta, Member, ICPR Conference Organizing Committee on Science, Philosophy and Civilization
3. P. B. Mehta, External Referee: Princeton University Press, Oxford University Press

Centre for the Study of Social Systems

1. Susan Visvanathan, Member, Board of Studies, Centre for Arts and Aesthetics, JNU.
2. Susan Visvanathan, Member, Board of Studies, Centre for Linguistics, Languages and Culture Studies.
3. Susan Visvanathan, Representative, Standing Committee of Women Studies Programme.
4. Vivek Kumar, Member, Editorial Committee of the Journal of Dalit Studies, New Delhi
5. Vivek Kumar, Member of Ethnographic & Folk Culture Society, Lucknow
6. Vivek Kumar, Member of Uttar Pradesh Samajsashtra Parishad, Lucknow, Uttar Pradesh

Zakir Husain Centre for Educational Studies

1. Karuna Chanana, Life Member, Third World Centre for Comparative Studies (TINNARI), New Delhi.
2. Karuna Chanana, Life Member, All India Fund for Women's Education, New Delhi.
3. Karuna Chanana, Member, Governing Body, Lady Irwin College of Home Science, New Delhi, 2003-2004
4. Karuna Chanana, Member, Regional Scientific Committee for Asia and the Pacific, UNESCO Forum on Higher Education, Research and Knowledge, UNESCO, Paris, 2003-2005.
5. Karuna Chanana, Member, Programme Advisory Committee, State Council for Educational Research

and Training, Delhi.

6. Karuna Chanana, Member, Research Advisory Committee, District Institute for Educational Training, Moti Bagh, New Delhi.
7. Karuna Chanana, Member, Expert Group for the Development of Framework of Foundation Courses for Pre-Service Teacher Training Programme at Secondary Level, NCERT, Delhi
8. Karuna Chanana, Member, Core-Group for developing the M.A. Programme in Sociology, IGNOU, New Delhi.
9. Karuna Chanana, Member, Committee to Identify areas/themes for the National Workshops to Evolve Research Designs in Priority Areas leading to Multicentric Studies, NCERT, Delhi.
10. Deepak Kumar, Member, Advisory Board of a Journal from The Johns Hopkins University Press. titled: Comparative Technology Transfer and Society.
11. Deepak Kumar, Member, Board of Studies, Department of History, Kumaon University, 2002-2004.
12. Deepak Kumar, Members, Board of Studies, CIE, Delhi University 2003-2005.
13. Binod Khadria, Deputy Chair (South Asia), Asia-Pacific Migration Research Network (APMRN), appointed by nomination at the 5th International Conference at Fiji, 2002-
14. Binod Khadria, Regional (Country) Coordinator for India, Asia-Pacific Migration Research Network (APMRN), under the UNESCO-MOST Programme, with Secretariat at the University of Wollongong, Australia, 2001- cont.
15. Binod Khadria, Member, International Advisory Panel for the "Brain Drain" Dossier, International Governing Board, www.scidev.net, the website of two journals: Nature, and Science, and the Third World Academy of Sciences, 2002-cont.
16. Binod Khadria, Member, International Group for Collective Expert Review of Scientific Diasporas, Institute of Research for Development, Paris, France, 2002-cont.
17. Binod Khadria, Member, Academic and Resource Advisory Panel (ARAP), Department of Education (Central Institute of Education), University of Delhi, (1999-2002).
18. Binod Khadria, Member, Assessment and Accreditation Committee, Rehabilitation Council of India (a Statutory Body under the Ministry of Social Justice and Empowerment, Government of India), 2001-cont'd.
19. Binod Khadria, Member, Governing Body, Central Board of Secondary Education, India, 2001-2004.
20. Binod Khadria, Member, Curriculum Committee, Central Board of Secondary Education, 2001-cont.
21. Binod Khadria, Convenor, Committee of Courses in Economics, Central Board of Secondary Education, Government of India, 2001-04.
22. Binod Khadria, Member, Ministry of Human Resource Development's High Level Technical Committee on India's Response to Trade in Education Services under the WTO Regime, 2001-cont.
23. Binod Khadria, Member, Board of Studies, School of Social Sciences, JNU, 1999-cont.
24. Binod Khadria, Member, Advisory Committee for the Exim Bank Library in Economics at JNU, 1996-cont.
25. Binod Khadria, Member, UGC Committee for Determination of Admissions and Fees in Private Un-aided Professional Colleges in the Union Territory of Pondicherry, 2002-
26. Binod Khadria, Member, General Council, National Institute of Rehabilitation Training and Research, Olatpur, Orissa, 2002-
27. Binod Khadria, Temporary Advisor to World Health Organisation, for Skilled Health Personnel (SHP) Migration Policy in the Pacific Region, 2003-
28. Geetha B.Nambissan Member, Executive Council, Ankur Society for Alternatives in Education, New

Delhi.

29. Dhruv Raina Member, Editorial Board of VEST, a journal of social studies of science published from the University of Goteborg, Sweden.
30. Dhruv Raina, Member of the INSA Committee on the History of Science (Modern)

Centre for Historical Studies

1. S. Bhattacharya, Governing Body, SEPHIS Research Foundation, International Institute of Social History, Amsterdam, 2001-2005
2. S. Bhattacharya, Editorial Board, Indian Social Science Review: Journal of the ICSSR, New Delhi 2000-
3. S. Bhattacharya, Comite Editorial International, Estudios de Asia y Africa, Mexico DF, 1999-2004.
4. S. Bhattacharya, General Editor (with Richard Eaton and B.D. Chattopadhyaya), Debates in History Series, Oxford University Press, New Delhi, 2001-
5. Ranabir Chakravarti, Selection Committee for Research Assistant under the DSA Programme in the CHS.

Centre of Social Medicine and Community Health

1. Ghanshyam Shah, Member of the Governing Body of Indian Institute of Dalit Studies.
2. Rama V. Baru, South Asia Editor, Global Social Policy, Sage Publications.
3. Rama V. Baru, Member, Technical Advisory Group for Lymphatic Filariasis, WHO, Geneva.
4. Rama V. Baru, Member of an Advisory Group on Health, Rajiv Gandhi Foundation.
5. K.R.Nayar, Member, Project review group on social and behavioural research. Indian Council of Medical Research, New Delhi.
6. Ritu Priya Mehrotra, Currently advisory member of the Technical Resource Group on 'Prevention of HIV/AIDS in the Workplace' of the National AIDS Control Organisation, Government of India, coordinated by the V.V.Giri National Labour Institute.
9. Sanghmitra S. Acharya, Member Board of Studies
10. Sanghmitra S. Acharya, Equal Opportunity Office- Centre Advisor to the Students
11. Alpana Sagar, Council for Social Development Consultation for formulation of SAARC Social Charter.

Centre for Economic Studies and Planning

1. Anjan Mukherji, Appointed Member of the Review Committee for the Indian Statistical Institute set up by the Government of India. The review was completed and report submitted to GOI in July/August 2002.
2. Arun Kumar, Member of the UGC Committee for the Economics Department of the Central University, Hyderabad.
3. Arun Kumar, Member of the Board of Governors of Lokayan

4. Jayati Ghosh Member of Governing Body, Motilal Nehru College, University of Delhi
5. Jayati Ghosh, (Honorary) Executive Secretary, International Development Economics Associates.
6. Ramprasad Sengupta, Member of the Brainstorming Committee of the Prime Minister's Office on Civil Aviation Policy of the Government of India
7. Ramprasad Sengupta, Member of Board of Directors of SAIL as nominated by the Government of India

Group of Adult Education

1. S.Y. Shah has been nominated as Honorary Director of the International Institute of Adult and Lifelong Education, New Delhi for a period of three years (2002-05).
2. S.Y. Shah, Member of National Research Committee on Adult Education, National Literacy Mission, Ministry of Human Resource Development, Government of India.
3. S. Y. Shah, Member of Executive Committee of Indian Adult Education Association, New Delhi
4. S. Y. Shah, Member of the Committee for upgradation of State Resource Centres, National Literacy Mission, Ministry of Human Resource Development, Govt. of India.
5. S. Y. Shah, Member of Lakshi N. Menon Award Committee, All India Committee for Eradication of Illiteracy, New Delhi.
6. S. Y. Shah, Member of the governing Body and Programme Advisory Committee of State Resource Centre, Jamia Millia Islamia, New Delhi.
7. S. Y. Shah Member of the advisory Committee of the Department of Adult Continuing Education, University of Delhi, Delhi.
8. S. Y. Shah, Member of Curriculum Committee of the Department of Adult Continuing Education, University of Delhi, Delhi.
9. S. Y. Shah, Member of Executive Committee and General Body, India Literacy Board, Lucknow.
10. S. Y. Shah, Member of the India Advisory Board of World Literacy of Canada, Varanasi.
11. S. Y. Shah, Member of the Governing Body of State Resource Centre (U.P.), Lucknow.
12. S. Y. Shah, Member of International Consultative Committee of the International Institute of Adult and Lifelong Education, New Delhi.
13. M.C. Paul Member of Management Committee of Kendriya Vidyalaya School, by Kendriya Vidyalay Sangathan New Delhi.
14. M. C. Paul, Elected as Secretary, Netaji Academy of Sub Continental Studies, New Delhi.

XVI. ACHIEVEMENTS OF THE STUDENTS

Zakir Husain Centre for Educational Studies

Shri Mritunjay Kumar Jha published a paper on 'Iron Making in Indian History: An Introduction', in G.Pande & Jan Geijerstam (ed.), Tradition and Innovation in the History of Iron Making National, 2003. He also participated with a paper at the Indian History Congress, Amritsar session, December 2002.

Centre of Social Medicine and Community Health

1. Ramananda Wangkherirakpam, " Lessons from Loktak" The Ecologist Vol.-11, No.1 January - March 2003.
 2. Anant Kumar, "Rehabilitation Psychology: Concept of Rehabilitation", Empathy India Vol.1 August - October 2002.
 3. Rajeev , Presented a paper on ` HIV/AIDS in Manipur- Concerns Today' in IRMS Silver Jubilee and XX Annual Conference of India Society for Medical Statistics, organized by Institute for Research in Medical Statistics, ICMR and Department of Biostatistics, AIIMS. New Delhi, during 19-20 December, 2002
 4. K.M Ziyauddin, Presented paper titled `Understanding Dalits- A Profile of workers engaged in unclean jobs in Chas, District Bokaro, Jharkhand' in IRMS Silver Jubilee and XX Annual Conference of India Society for Medical Statistics, organized by Institute for Research in Medical Statistics, ICMR and Department of Biostatistics, AIIMS. New Delhi, during 19-20 December, 2002
- Worked in the project on Social Assessment of RCH I Uttaranchal and was engaged in fieldwork and report writing.
5. Malobika, Attended workshop on Methodology of Health System Research, Kathmandu, Nepal, 23-25 November, 2002 sponsored by the European Commission, DG Research, Brussels. Paper was presented in the workshop entitled "Process of Decentralisation and Health Services in India."

Centre for Economic Studies & Planning

The students of the Centre won the following awards:

1. President's Gold Medal: Mr. Jyotirmoy Bhattacharya.
2. Thavaraj Scholarship Mr Ankit Singh and Mr Ritwik Chatterjee.
3. Avani Bhatt Award Mr. Taposik Banerjee
4. Ranjan Roy Memorial Award Mr. Sonal Sinha

XVII. ANY OTHER INFORMATION

Centre for Studies in Science Policy

The Centre for Studies in Science Policy (CSSP) was revived in 1993. It started a direct Ph.D programme in 1998 and an M.Phil / Ph.D program in 2000. After reviving the centre, the first Ph.D was declared in 2002 and the first batch of 6 M.Phil students obtained their degrees in 2001-2002. Currently, there are 10 Ph.D students and 14 M.Phil students enrolled at the Centre pursuing research leading to the respective degrees.

The broad objectives of the Centre are to conduct teaching, research, training and consultancy in the interdisciplinary field of Science Policy Studies. As a social science discipline, studies in science policy are essentially concerned with the interaction between science, technology and society from a variety of social and natural science disciplinary and interdisciplinary perspectives. Such work is aimed at the generation of empirical and theoretical knowledge leading to an understanding of the science - technology - society interaction of academic, as well as of S&T policy, relevance. This includes the social, political and economic environment as also the institutional and cultural factors that influence the development and application of

scientific and technological change and innovation and those pertaining to the formulation and implementation of both policies for S&T and S&T in public policy.

The specific objectives of the Centre are :

- To enable students to move from disciplinary orientation to interdisciplinary research environments and to impart holistic education on Science, Technology and Society issues.
- To undertake teaching, training, research and consultancy in areas of S&T policy making of national priority including the evolution of conceptual and methodological frameworks and data bases for S&T policy making, planning and management.
- To train professionals drawn from different disciplines of natural science, technology, engineering, medicine, social sciences, law and management, from academic, government, public and private sector industry, other developing countries and international organizations in the interdisciplinary area of Science, Technology and Society.
- Teaching research training and consultancy on regional e.g. SAARC and international relations in S&T policy making and implementation.
- To undertake consultancy assignments on S&T policy related issues including subjects such as, R & D Management, Promotion of Technological Innovation and Intellectual Property Rights for clients in both the public and private sectors, including government agencies, enterprises and international organizations.

Candidates seeking admission to the M.Phil / Ph.D. programme in Science Policy Studies could consider pursuing research in areas/fields such as:

1. Development of Science and Technology in India;
2. S&T in Government;
3. Science and Technology Policies particularly in the areas of Energy and Environment;
4. Technological Change and Management of Innovation
5. Sociology of Science and Technology
6. Technology Assessment and Forecasting;
7. Women, Science and Society;
8. Science, Technology and International Affairs;
9. Social History of Science and Technology;

Centre for the Study of Regional Development

Field Work during 2002

- a) A fieldwork for the compulsory course, RD 415, Methods of Fieldwork (Physical) was undertaken in the Upper Beas Basin, H.P for 33 students from May 23-June 13, 2002.
- b) A fieldwork for the compulsory course, RD 413, Socio-Economic Survey was undertaken in and around Jaisalmer, Rajasthan for 32 students from December 20, 2002 - January 4, 2003.

Reports

- a) Access to RCH Services by Vulnerable Groups in Haryana. Commissioned by the Ministry of Health and Social Welfare, World Bank and DFID, New Delhi for RCH Phase 2, 10th Five Year Plan, New Delhi,

2003 (unpublished).

- b) Report on UNFPA supported projects with focus on Adolescents during UNFPA Fifth Country Programme (1997-2002), commissioned by UNFPA, New Delhi, 2002 (unpublished).
- c) Men as Supportive Partners in Reproductive and Child Health: Moving from Intent to Action. Concept Paper commissioned by UNFPA for the 10th Five Year Plan, Ministry of Health and Family Welfare, New Delhi, 2002 (unpublished).
- d) Human resource Development, Gender and Segmented Labour Market: Case Studies of Delhi and Chennai. Funded by Indo-Dutch Programme in Alternative Development. ICSSR, New Delhi 2002 (unpublished).
- e) "The New Regulatory Regime: Voluntary Self-Regulation versus Mandatory Legislative Schemes for implementing Labour Standards", Consumer Unity and Trust Society International Trade and Economics and Environment Research Report, Jaipur, India, March 2003

Centre for the Study of Social Systems

1. K.L. Sharma, Vice-Chancellor, Rajasthan University, Jaipur, 2003.
2. K. L. Sharma, Visiting Professor, College de France, Paris under Indo-France Cultural Exchange Programme, June 2002 to February, 2003.
3. K. L. Sharma, Convenor, Research Committee Social Stratification and Mobility (Indian Sociological Society), New Delhi, 2002.
4. K. L. Sharma, Convenor, Board of Studies in Sociology, Central Board of Secondary Education from 1987 onwards.
5. M.N.Panini, DFG-Mercator Guest Professor attached to Albert-Ludwigs University, Freiburg during February 1, 2002 to July 30, 2002. During the tenure, two courses were offered by him at Freiburg and he lectured at the Frei University, Berlin, South Asia Institute, Heidelberg, Germany and in the Department of Sociology at the University in Strassbourg, France.
6. M. N. Paini, Socrates Fellow and delivered a lecture at the University of Basel, Switzerland.
7. J.S. Gandhi, Editor, Relevant Sociology: A Journal of Contemporary Sociology, (1984-onwards)
8. Ehsanul Haq, "Education and Modernization", Academic Staff College, Jamia Millia Islamia, New Delhi, September 6, 2002.
9. Ehsanul Haq, "Sociology of Population", Academic Staff College, JNU, November 13, 2002.
10. Ehsanul Haq, "Intellectual Journey", Academic Staff College, JNU, August 1, 2002.
11. Ehsanul Haq, "Population and Development", Academic Staff College, JNU, November, 2002
12. Anand Kumar, Visiting Professor, Albert Ludwig University, Freiburg, September - November, 2002
13. Anand Kumar, Visiting Professor, M.S.H. /CERI, Paris, December, 2002.
14. Anand Kumar, Developed a new course on South Asian Social Thought and Media for M.A. students.
15. Anand Kumar, Developed a Reader (Part-IV) for South Asian Social Thought & Media.
16. Tiplut Nongbri, Lecture delivered on "Tibet Studies in India", Academic Staff College, November, 2002
17. Maitrayee Chaudhuri "Sociology and my intellectual journey", Academic Staff College, JNU, July, 2002
18. Maitrayee Chaudhuri, "Globalisation and Changes in the Indian Print Media", Academic

Staff College, JNU, December 4, 2002

19 Susan Visvanathan , Speaker, "Interrogating Methodology", organised by Academic Staff College, November 2, 2002.

20. Susan Visvanathan, Speaker, "Cross-Cultural Marriage", Academic Staff College, JNU, November, 2002

21 Susan Visvanathan Speaker, "Gender Studies", Academic Staff College, JNU, August, 2002.

22. Renuka Singh , Speaker, "Cross-Cultural Marriage", Academic Staff College, JNU, November, 2002

23. Renuka Singh, Speaker, "Gender Studies", Academic Staff College, JNU, August, 2002.

24. Nilika Mehrotra , Associate Editor, Indian Anthropologist

25. Nilika Mehrotra, Prepared two lessons of Sociology text book for higher secondary students at National Institute of Open Learning, Delhi.

26. Vivek Kumar, "Dalits in Contemporary Indian Society", Academic Staff College, JNU, New Delhi, 18 July 2002.

Special Programmes (Department of Special Assistance Programme Introduction)

The Centre was recognized as a Department of Special Assistance by the UGC in 1987. The current Third Phase of the Programme began on April 1, 2000. A grant of Rs. 40 lakhs has been sanctioned for the programme.

During the Third Phase besides consolidation of the activities started in the Second Phase, new programmes and activities have been initiated. The DSA library of the Centre now has a collection of 2415 books. We are now going to make subscriptions for the following journals Economic and Political Weekly, Contributions to Indian Sociology, Sociological Bulletin and Biblio, Book Review and Seminars.

The DSA invited Prof. Ari Sitas, University of Natal, Durban, South Africa as a Visiting Fellow under the DSA programme during January 29 to February 10, 2003. The DSA also extended financial assistance to organize a lecture by Prof. G.Tarabout, Director, MSH, Paris, France on October 31, 2002.

A new Advisory Committee of the DSA has been constituted. The reconstituted Advisory Committee consists of the following:

External Members

Dean, School of Social Sciences (Chairman)

Dr. V. Xaxa, Department of Sociology, University of Delhi, Delhi

Professor U. B. Bhoite, Bharati Vidyapeeth, Pune

Internal Members

Professor Anand Kumar

Dr. S. S. Jodhka

Dr. Avijit Pathak

Chairperson of the Centre (ex-officio)

Professor M. N. Panini (Coordinator)

During the period DSA has financed 2 seminars and extended financial assistance to 9 faculty members for their academic activities including participation in seminars/conferences, field work, and publication of books and research papers.

Seminars/Workshops

The DSA sponsored the following seminars/conferences/workshops during the period.

1. Seminar on "Sociology of Religion in India", April 15, 2002, organized by Prof. J. S. Gandhi, Convenor of the C.N.Venugopal Felicitation Seminar.
2. Seminar on "Rethinking Sociology: The Indian Context", October 21-23, 2002, organized by Prof. M. N. Panini, Convenor of the T. K. Oommen Felicitation Seminar.
3. Seminar on "Social Dynamics of Indian Society" April 2-3, 2003, organized by Prof. Anand Kumar, Convenor of the J. S. Gandhi Felicitation Seminar.

Special Lectures

1. "For an Anthropology of Diversity: The Case of Kerala" by Prof. G.Tarabout, Director, Indo-French Exchange Programme, MSH, Paris, France on October 31, 2002.
2. "The Mandela Decade: South Africa's Contested Transformation and Emergent Civil Society" by Prof. Ari Sitas, University of Natal, Durban on January 31, 2003
3. "Violence, Social Movements and the Neo-Gandhian Impulse in KwaZul Natal", by Prof. Ari Sitas, University of Natal, Durban on February 6, 2003.
4. "Theoretical Parables, Orality, Power and Sociologies of Civil Virtue", by Prof. Ari Sitas, University of Natal, Durban on February 7, 2003

Financial Assistance for Field Work/International Seminars/Conferences and for Publications

The DSA provides financial assistance for short-term studies to the faculty members and research staff of the Centre. The DSA has provided financial assistance for preparing research manuscripts of faculty members of the Centre for publication.

Library

At present DSA Library holds 2415 books. During the period from April 1, 2002 to March 31, 2003 615 books have been added.

National Scholarships

The following M.A.Students were awarded Merit scholarships:

2001-2003 M.,A. IVth Semester)

1. Ms. Silpee Mohanty
2. Mr.M.Somasundaram
3. Mr.Amit Rahul

2002-2004 (M.A.IInd Semester)

1. Ms. Anita Barik
2. Ms. Shweta
3. Ms. Pravati Dalua

B. Activities under Dr. Ambedkar Chair

Following academic activities were undertaken by Dr.Ambedkar Chair during April 2002 - March 2003:

1. Dr. Ambedkar Memorial Lectures
 - a) The Sixth Dr. Ambedkar Memorial Lecture was organized on 28 November 2002. The Lecture was delivered by Prof. Eleanor Zelliot (USA), an eminent Ambedkar scholar on the topic, "Ambedkar Abroad".
2. Seminar/Symposia/Workshop:
 - a) A one-day seminar on " Marginal Groups and Social Change " was organized on 22 October 2002.
 - b) Participation in a Workshop on School Textbook in Sociology, 3-5 Sept. 2002, NCERT, New Delhi.
3. Lectures delivered:
 - a) On "Intellectual Journey with special reference to intellectual development of the Scheduled Castes and the Scheduled Tribes", 1st August 2002, ASC/JNU, New Delhi.
 - b) On "Education, Religion and Global Order" in a seminar on Problems of Minorities in Bangladesh, 30-31 August 2002, SL/JNU, New Delhi.
 - c) On "Education and Modernisation with special reference to the problem of education of the Scheduled Castes", 6 Sept. 2002, ASC, New Delhi.
 - d) On "Population and Development with reference to the growth of population among the Scheduled Castes", ASC/JNU, New Delhi.
4. Panel discussion:

A Panel Discussion on " Bhopal Document " was organized in the afternoon on 22nd October 2002.
5. Articles Published
 - a) "Education, Religion and Global Order", in Dr.S.K.Singh (ed), Minorities and Human Rights in Bangladesh, Author's Press, New Delhi, February 2003.
6. Library and Equipments:

The Library under Dr. Ambedkar Chair contains about 1000 books on various aspects of the problems of SCs/STs. It is catering to the academic needs of the faculty and students of the Centre and of various other Centres. In addition to this, Dr. Ambedkar Chair has its own computer, fax machine and other infrastructural facilities for the management of the activities of the chair.

Zakir Husain Centre for Educational Studies

1. Binod Khadria, Invited Lectures at the Refresher Courses in Economics Programme, for college and university teachers, Academic Staff College, JNU.
2. Binod Khadria, Radio Programme BBC, London, Comment on World Today reporting on Indian student immigration in the U.S. becoming largest in terms of intake of students from the countries of Asia and the world, Nov., 2002.
3. Deepak Kumar, Invited lectures at three Refresher Courses in History and Science Programme for College and University Teachers at the Academic Staff College, JNU.
4. Geetha B.Nambissan , Member Advisory Group and Resource Team constituted for the study of EGS Alternative Schools sponsored by the MHRD and co-ordinated by the Central Institute of Education, University of Delhi.
5. Minati Panda, Lecturer on "Education in Crisis", in Academic Staff College, Refresher Course (Sociology), JNU, 29 November, 2002.
6. S.Srinivasa Rao, Currently writing a Unit for the IGNOU Study material for a course on Social Contact of Education at the Level of Masters in Educational Studies. Also designed this course along with two others.
7. Dhruv Raina, "Intellectual Journeys", Academic Staff College, Jawaharlal Nehru University, New Delhi, 26 July 2002.

Centre for Historical Studies

1. Indivar Kamtekar, JNU Entrance Exam papers marked in June 2002,
2. Indivar Kamtekar, Member of the Organizing Committee for the DSA seminar on 'Biography and History, on 27-28 February 2003
3. Ranabir Chakravarti, 'Trade, Communications and Linkages in Early India, Course material prepared for the IGNOU post-graduate course on Indian History.
4. Ranabir chakravarti, Co-ordinator of the 19th Refresher Course in History, Academic Staff College, JNU, January 27 February 21, 2003.

Centre for Economic Studies and Planning

1. 11th Krishna Bharadwaj Memorial Lecture Delivered on 11.3.2003 by Ms Aruna Roy. The topic was 'People's Power in an Indian Democratic Framework. The VC presided over the function.

Women's Studies Programme (WSP)

The following range of activities were undertaken by the Women's Studies Programme during the year 2002-2003:

Appointments:

1. The Director of the Women's Studies Programme, Prof. Zoya Hasan, Centre for Political Studies, completed two years as Director in September 2002 and was succeeded by Prof. Jayati Ghosh, from the Centre of Economic Studies and Planning.
2. The appointment of Dr. Mary E. John, Associate Professor and Deputy- Director of the WSP was confirmed by the university after one year of probation on 1st August 2002.
3. The post of Research Associate held by Sonali Mukherjee was extended for another year on July 27, 2003.

Institution of New Courses

1. John E. Mary offered an M.A. Optional Paper "Women's Movements and Gender Studies" during the Winter Semester 2003. 20 students from different centres - CSSS, CPS and CHS - took the course for credit, while about 10 students, mainly research scholars audited the course.

Publications

John E. Mary

Books and Edited Volumes

1. *Feminisms in Asia: Special Issue of Inter-Asia Cultural Studies* (co-edited), vol.3. no.3 2002.
2. *Enjeux contemporains du féminisme indien* (co-edited) Paris: Maison des Sciences de l'Homme, December 2002.
3. *French Feminism: An Indian Anthology* (co-edited) New Delhi: Sage, 2003.
4. *The Book Review South Asia and Gender Special* (co-edited), vol.26, no.10, October 2002.

Articles

1. "Féminisme et mouvement des femmes en Inde" Introduction to *Enjeux contemporains du féminisme indien* eds. Danielle Haase-Dubosc et al, Paris: MSH, 2002, pp.1-8.
2. "Special Section: Women's Studies in India: Crisis or Renewal?" Introduction in *Indian Journal of Gender Studies* vol.9 no.2 July-Dec 2002, pp.203-208.
3. "Feminism, Poverty and Globalisation: An Indian View" in *Inter-Asia Cultural Studies*, vol.3. no.3, 2002, pp.351-367;
4. "Women's Studies: Legacies and Futures" in *Between Tradition, Counter Tradition and Heresy: Contributions in Honour of Vina Mazumdar*, edited by Lotika Sarkar, Kumud Sharma and Leela Kasturi, New Delhi: Rainbow, 2002, pp.47-62.

Research Projects (Sponsored)

The Women's Studies Programme took up a major research project "Gender and Governance in Two Cities" with financial support from UNIFEM, New Delhi. The purpose of the project is to gain an understanding of the functioning of local decentralization in urban areas after the implementation of the 74th Amendment providing reservations of one-third seats in urban municipalities for women. During the year 2002-03 a major part of the project was undertaken in the form of field work in the cities of Delhi and Bangalore. The field work involved in depth interviews with municipal councillors of the MCD in Delhi and the BCC in Bangalore as well as selected Ward Level surveys of voters in the two cities. This work was undertaken from March 2002-April 2003. Analysis of the data and preparation of the report will be undertaken from April 2003 onwards. The main research team consisted of Mary E. John (principal investigator), Sonali Mukherjee (research associate), Janaki Nair (coordinator in Bangalore), as well as 5 field investigators in Delhi and 4 in Bangalore.

Faculty Participation in Conferences in India

Mary John

1. "Feminism, Poverty and Globalisation", Seminar on Women and Work, Sri Venkateswara College, New Delhi, March 6 2003.
2. "Postcoloniality, Gender and Sexuality", Sexuality and Rights Institute, Tarshi and Crea, TMTC, Pune, January 13-28, 2003.
3. "Changing Contexts of the Women's Movement" Pre-Conference Workshop, Xth IAWS Conference, Challenges to Democracy in the New Millenium, Utkal University, Bhubaneshwar, October 16 2002.
4. "The Forgotten Question of Education: Women's Studies and Institution Building in the 21st Century", Xth IAWS Conference Challenges to Democracy in the New Millenium, Utkal University, Bhubaneshwar, October 17-20 2002.
5. "Gender and the Problem of the "Local" in Two Cities" International Seminar on Women's Quota in Urban Local Governance: A Cross-National Comparison, 6-7 February 2003, Centre de Sciences Humaines and Institute of Social Sciences, India International Centre, New Delhi.
6. "The Declining Sex Ratio: Explanations Re-examined" Workshop on Adverse Sex Ratio in India, National Council of Applied Economic Research, New Delhi, October 8-9 2002.

Faculty Lectures Outside JNU

Mary John

1. "Secularism - thinking through the crisis" Panel Discussion, Political Science Refresher Course, Delhi University, March 20, 2003.
2. "Concepts in Feminist Theory", Women's studies Refresher Course Lecture, March 12, Delhi University.
3. Discussant, Report Launch, Gender Biases and Discrimination against Women: What do Different Indicators Say?, UNIFEM, UNDP Conference Room, New Delhi, March 7 2003.
4. "French and Indian feminisms: Another internationalism?" Book Release of French Feminism: An Indian Anthology, eds. Danielle Haase-Dubosc, Mary E. John et al, India International Centre and Sage Pub-

lications, New Delhi, January 13 2003.

5. "Gender and Human Rights" Special Course on Human Rights, Gargi College, New Delhi, December 16 2002.
6. Discussant "Muslim Women's Survey" Nehru Memorial Museum and Library, New Delhi, December 11-12 2002.
7. "Paradoxes of Gender Analysis: Comparative Perspectives" special lecture, Lady Sri Ram College, New Delhi, September 21 2002.

Visitors to the Women's Studies Programme

The following speakers gave seminars under the auspices of the WSP: Prof. Gopal Guru (Delhi University) on Caste and Patriarchy, Prof. Diane Elson (University of Essex) on the legacy of Socialist Feminism, and Ratna Kapur (Director, Feminist Centre for Legal Research) on issues of Trafficking.

Seminars and Workshops:

1. The WSP held a one day workshop on Sexual Harassment and the University on 21st November 2002 by inviting eminent lawyers Indira Jaisingh and Vrinda Grover, and academicians from Delhi University Dr. Uma Chakravarti and Janaki Abraham to conduct the workshop. Major issues related to sexual harassment were discussed and about 100 students and faculty attended the workshop, chaired by the Rector, Prof. Balveer Arora.
2. A seminar discussion was held in collaboration with the JNU Students Union on Gender, Media and the Politics of Identity, where Ranjani Mazumdar and Sabina Kidwai from the Mass Communications Department of Jamia Millia Islamia were the main speakers, 21 February 2003.

Membership of Boards/Committees

1. Standing Committee of the WSP met on 13 May 2003, 24 April 2002, 9 December 2002.
2. Advisory Committee of the WSP met on 13 May 2003.

Any Other Information

Library Acquisitions:

The WSP acquired new library acquisitions of over 100 books from the UNIFEM project as well as from earmarked funds under the head Documentation from the UGC Grant-in-Aid. The books are being housed in the main library of JNU.

Equipment

The WSP is in the process of acquiring a laptop computer for use in the programme for research purposes and power point presentations. Sanction for purchase has been obtained from the Vice Chancellor.

Educational Records Research Unit (ERRU)

In the year under review a project on national education in India was completed. The documents selected from various archives consists of 188 documents bearing upon some of the following themes: the concept of national education in the writings of nationalist leaders, the critique of British educational poli-

cies in the nationalist discourse, the role of science and technical education, the agenda on primary level and mass education. The work has been sent to a publisher for publication on a commercial basis without any subsidy from the University, while the University will be entitled to a royalty from the sale of the books. This publication is expected to be come out in July, 2003.

A series of documents in connection with the project on "Technical Education in India, 1847-1930" have been collected and further work is in progress for publication of select documents.

Favourable reviews have been received in 2002-2003 of the previous publication of the unit: Sabyasachi Bhattacharya ed. Education and the Disprevidged: Nineteenth and Twentieth Century India (2002).

I. SEMINAR PARTICIPATION

1. Joseph Bara, presented a paper entitled "Rise and Growth of an Educational Policy for the Tribals of Central India" organised by the Tribal Study Circle at Indian Social Institute, New Delhi on 1 March, 2003.
2. Chinna Rao Yagati, completed a manuscript entitled "Dalits Struggle for Identity: Andhra and Hyderabad 1900-1950:
3. Chinna Rao Yagati, compiled a volume "Bibliographical Handbook on Dalits"

II. PUBLICATIONS

1. Joseph Bara, "Modern Education and the Rise of Self Identity among the Mundas and Oraons of Chotanagpur, 1839-1947" University of Delhi.

III. FELLOWSHIP/ACADEMIC ASSIGNMENT

1. Chinna Rao Yagati, Charles Wallace visiting Fellow in the Contemporary History and Politics at the University of Edinburgh, Scotland from 10 March to 10 June, 2002.

Archives on Contemporary History of India (ACHI)

The Archives on Contemporary History of India was set up on 1 December, 1970 by the decision of the Executive Council of the Jawaharlal Nehru University. In 1974 it was made an adjunct to the School of Social Sciences, with an advisory body. The archives is a research facility unit. The archives was initially a repository of materials on the Left, popular and national movement in India started with the personal collection of late Sri P. C. Joshi. Later it has been considerably enriched by the material acquired from various sources.

The Archives has purchased about 150 books and pamphlets to enrich its existing collection. As usual press cuttings from English newspapers on the relevant themes were made to these are available for scholars in form of bound volumes.

The tenth P.C. Joshi Memorial Lecture and a workshop on Contemporary Politics and History was held.

The Archives continues to subscribe the following periodicals:

1. Chinta (Malayalam) weekly
2. Comrade (Malayalam) weekly
3. Deshabhimani (Malayalam) daily
4. Ganashakti (Bengali) daily
5. Prajashakti (Telegu) daily
6. Theekkathir (Tamil) daily
7. Nawan Jamana (Punjabi) daily
8. New Age (English) daily
9. Peoples Democracy (English) weekly
10. Red Star (English) monthly
11. Liberation (English) monthly

During the period scholars from JNU and outside have consulted Archives for their research and also used the Microfilm reader printer.

The oral history project, which was initiated in 2001-2002, was carried forward. The necessary equip-

ment and materials were purchased. A part of the oral history collection on the history of the Indian freedom struggle was received and processed. Books and research materials including CDs were purchased. Some new material was also added to the Oral History section.

10. Centre for Biotechnology

I. THRUST AREAS AND PLAN PERSPECTIVES

The Special Centre for Biotechnology started functioning in JNU from the year 1985 with MSc (Biotechnology) programme. The PhD programme in Biotechnology was started in the year 1987. Presently there are eight faculty members with research interests in the following areas:

- a) Molecular Biology of Infectious Diseases
- b) Immunology
- c) Molecular Biology & Genetic Engineering
- d) Transcription Control & Gene Regulation
- e) Biophysical Chemistry
- f) Optimization of Recombinant Protein Production
- g) Structural Biology, Molecular Bioinformatics
- h) Biochemical Engineering

The present MSc intake capacity is 30 students per year. The syllabus for MSc programme is multi-disciplinary in nature and a student has to earn a total of 64 credits for getting his/her MSc degree. Out of this 64 credits, 14 Credits are earmarked for a research project which a student has to carry out over a period of two semesters under the supervision of a faculty member. Over the years a majority of students from the Merit List of the MSc Biotechnology Entrance Examination have been opting for joining our Centre at JNU. Most of the MSc students who pass out of the Centre opt for doing PhD in India or abroad and few go to work in Biotechnology oriented industries or take management courses. The faculty at the Centre plans their research activities around socially relevant projects and have been successful in developing some products and getting some patents. The Centre has a strong PhD programme. The current (2002-2007) extramural research funding at the Centre is Rs.350 lakhs.

II. NATURE OF COLLABORATIVE ARRANGEMENTS OF THE CENTRE

The CBT faculty have collaborative research projects with faculty members from research institutions in the country and abroad.

1. Santosh K Kar, has collaborative projects on "Characterization of secreted antigens of infective larvae and adult *Brugia malayi* parasites which induce strong Th1 response in truly infection free individuals residing in a Bancroftian filariasis endemic area" with Dr. Shailaja Bhattacharya of CDRI, Lucknow. (funded by DST) and
2. Santosh K. Kar, "Identification of antigens from Clinical isolates of *Mycobacterium tuberculosis* which induce strong Th1 response in healthy contacts of tuberculosis patients" with Dr. V.M.Katoch of JALMA, Agra and Prof. R.Nayak of IISc, Bangalore.(funded by Sir Dorabji Tata Centre, Bangalore)
3. Rakesh Bhatnagar has collaborative research projects on a) "Transgenic Plants as a source of Edible Vaccine against Anthrax" with Dr. Anand Kumar, National Research Centre for Plant Biotechnology, IARI, New Delhi. (funded by NATP-World Bank) and b) "Search for Novel Bioinsecticidal genes from *Xenorhadus Nematophila*" with Dr.Nirupama Banerjee Bhatnagar, ICGEB, New Delhi (funded by Ministry of Environment and Forest)
4. Rajiv Bhat has collaborative research project on "Protein folding and aggregation using Citrate Synthase and tailspike protein from bacteriophage" with Prof.Robert Seckler, University of Potsdam, Germany.
5. Devapriya Choudhury has collaborative research project on "Structure function Studies on *Xenorhadus Nematophila Fimbriae* and its potential use as a bioinsecticide" with Dr. Nirupama Banerjee Bhatnagar, ICGEB, New Delhi.

III. REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

The MSc (Biotechnology) Syllabus has just been revised by the faculty which will be discussed for ratification by the Special Committee.

IV. SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAKER STUDENTS.

It has not been possible for the Centre to provide remedial courses to SC/ST and other academically weak students due to inadequate faculty strength. But we have now introduced a new course Mathematics for Biologists which would take care of the lacunae in the understanding of Mathematics by students coming from purely Biology stream.

V. PUBLICATIONS

Books

Nil

Chapters Contributed to books

Nil

Articles

1. Nanda, Sarita., Muralidhar, K., and S. K. Kar, "Thermostable alpha Amylase Conjugated antibodies as probes for Immunodetection in ELISA," *Journal of Immunoassay and Immunochemistry*, 23, 327-345, 2002.
2. Chauhan, V., and R. Bhatnagar, "Identification of amino acid residues of Protective antigen involved in binding to Lethal factor Infect and Immun," 70. 4477-4484, 2002
3. Aziz, M.A., Singh, S., Anand Kumar P., and R. Bhatnagar, "Expression of Protective Antigen in Transgenic Plants: A Step Towards Edible Vaccine Against Anthrax," *Biochem. Biophys. Res. Commun.* 299, 345-51, 2002
4. Singh, S., Ahuja, N., Chauhan, V., Rajasekaran, E., Waheed, S.M., Bhat, R., and R. Bhatnagar, "Gln 277 and Phe 554 Residues are involved in Thermal Inactivation of Protective Antigen of Bacillus Anthracis," *Biochem, Biophys. Res. Commun.*, 296, 1058-1062, 2002
5. Kumar, P., Ahuja, N., and R. Bhatnagar, "Anthrax lethal toxin requires influx of calcium for inducing c AMP toxicity in target cell," *Infect.Immun.*70,4997-5007, 2002
6. Ahuja, N., Kumar, P., Alam, S.,Gupta, M. and R. Bhatnagar, "Deletion of protective antigen that inhibits anthrax toxin activity both in vivo and in vitro," *Biochem.Biophys.Res.Comm.* 307, 446-450, 2003.
7. Handa, V., Mahboob-ul-Hussain, Pati, N., and U. Pati, "Multiple Liver Specific Factors bind to a 64 bP element and activate apo (a) gene," *Biophys. Biochem. Res. Comm.* 292, 243-249, 2002
8. Sharma, Dipali., Ohri, Sujata., and Aparna Dixit, "148 to 124 region of c-jun gene interacts with positive regulatory factor in rat liver and enhances transcription," *Eur. J. Biochem.* 270, 181-189, 2003
9. Ohri, Sujata., Sharma, Dipali., and Aparna Dixit, "Modulation of c-mgc and c-fos gene expression in regenerating rat liver by 2-mercaptopropionyl glycine," *Cell-Biol. Int.* 26, 187-192, 2002
10. R. Bhat, Wedemeyer, W.J., and Scheraga, H.A. "Proline Isomerization in bovinepancreatic Ribonuclease A.2," *Folding conditions, Biochemistry* . 42,5722-5728, 2003.
11. Singh, S., Ahuja, N., Chauhan, V., Rajasekaran, E., Waheed, S.M., R. Bhat, and Bhatnagar, R. "Gln277 and Phe554 residues are involved in thermal inactivation of protective antigen of Bacillus Anthracis,"

Biochem. Biophys. Res. Commun., 296. 1058-1062, 2002

12. Kaushik, J.K., and R. Bhat, "Why is trehalose an exceptional protein stabilizer? An analysis of the thermal stability of proteins in the presence of the compatible osmolyte trehalose," *J. Biol. Chem.* 278.26458-26465, 2003
13. Gupta, J.C., K.J. Mukherjee, "Stability Studies of Recombinant *Saccharomyces Cerevisiae* in the Presence of Varying Selection Pressure," *Biotechnol. Bioeng.* 79. 362, 2002.
14. Yazdani, S.S., K.J. Mukherjee, "Continuous Culture Studies on the Stability and Expression of a Toxic Protein in *E. coli*," *Streptokinase as a model System. Bioprocess and Biosystems Engineering.* 24. 341-346, 2002
15. Knight, S.D., D. Choudhury, Hultgren, S., Pinkner, J., Stojanoff, V., and Thompson, "A. Structure of the *S. Pilus* Periplasmic Chaperone S faE at 2.2Å^o resolution. *Acta. Crystallogr.*" Section D. 58. 1016-1022, 2002
16. S.S. Maitra, and Vinod Kumar. "Semi-Optimal Substrate Feed-Profiles for Penicillin Fermentation Using Hybrid Bubblesort Chemotaxis Algorithm," *Indian Chemical Engineer*, vol.44, no.2, April-June 2002.

VI RESEARCH PROJECTS COMPLETED (SPONSORED)

1. Rakesh Bhatnagar, Generation of non toxic protective antigen molecules for development of recombinant Anthrax vaccine (1998-2002) by DBT
2. Rakesh Bhatnagar with Rajiv Bhat, Production of thermostable protective antigens of *Bacillus Anthracis*: Computational and Genetic Engineering approach (1999-2002) by DBT.

VII. ONGOING RESEARCH PROJECTS (SPONSORED)

1. Rakesh Bhatnagar, Transgenic plants as a source of edible vaccine against anthrax by NATP-World Bank
2. Rakesh Bhatnagar, Generation of Non-Toxic Lethal Factor and Edema Factor for the Development of Improved Vaccine against Anthrax by DBT.
3. Rakesh Bhatnagar, Thermostabilization of recombinant protective antigen of *Bacillus Anthracis* by NATP-World Bank (with Dr. Rajiv Bhat)
4. Rakesh Bhatnagar, Search for novel bioinsecticide from *Xenorhabdus nematophilus* by Ministry of Environment and Forests.
5. Rakesh Bhatnagar, New strategies to control Anthrax - Mapping of the Lethal Factor binding domain of Protective Antigen of Anthrax Toxin by University Grants Commission.
6. Santosh K. Kar, Identification of antigens from Clinical isolates of *Mycobacterium tuberculosis* which induces strong Th1 Response in Healthy Contacts of Tuberculosis patients (2002-2005) by Sir Dorabji Tata Centre for Research in Tropical Diseases.
7. Santosh K. Kar, Characterization of secreted antigens of infective larvae and adult *Brugia Malayi* parasites which induce strong Th1 response in true infection free individuals residing in a Bancroftian filariasis endemic area (2002-2005).
8. Uttam K. Pati, Correlation of p53 levels and its functional domains to Apoptotic response of Oral Carcinoma Cells (2002-2007) by UGC.
9. Uttam K. Pati, The role of Pentanucleotide repeat (PNR) and Kringle IV Polymorphism in Atherosclerosis

(2000-2003) by ICMR

10. Uttam K. Pati, Anti-Pol II and anti-TBP antibodies as markers for scleroderma and mixed connective tissue diseases (2000-2003) by ICMR.

11. Uttam K. Pati, Bovine immunodeficiency Virus: Isolation, Molecular Characterization and Development of diagnostics (2001-2004) by NATP -World Bank

12. Arpana Dixit, Investigations into Botanical Based Products and their studies at molecular levels in identified therapeutic areas (2001-2003) by DABUR

13. Arpana Dixit, Cloning and Expression of Aeromonas spp. Outer membrane porin for the development of recombinant DNA vaccine (2001-2004) by DBT.

14. Rajiv Bhat, Studies on Folding Stability, Energetics and Biomolecular Interactions in Proteins by UGC.

15. Rajiv Bhat, Enhancing folding and stability of glucose oxidase by solvent engineering (2002-2004) by CSIR.

16. Rajiv Bhat & Rakesh Bhatnagar, Thermostabilization of protective antigen from Bacillus anthracis by solvent additives (2002-2005) by NATP

17. K. J. Mukherjee, Process development from Recombinant E.coli culture (1999-2003) by Shantha Biotechnology Pvt. Ltd., Hyderabad.

Ø 18. K. J. Mukherjee, Process optimization of recombinant asparaginase production (2000-2003) by DBT.

Ø 19. K. J. Mukherjee, Technology for alpha interferon production (2003-2004) by Chennai Sharma Chemical & Drugs Pvt. Ltd.

Ø 20. K. J. Mukherjee, Large-scale Production of Anti-body fragments in E.coli and Methylophilic yeast (2002-2007) by UGC.

Ø 21. Devapriya Choudhury, Computational Approaches towards active Site design and functional Re-engineering of Proteins (2002-2007) by UGC.

Ø 22. S. S. Maitra, Chaotic Dynamics in Fermentation systems (2002-2007) by UGC.

Ø 23. S. S. Maitra, Simulation facility for scale up and economic evaluation of Biotechnology Processes (2000-2003) by DBT.

Ø

VIII. ONGOING RESEARCH PROJECTS (UNSPONSORED)

1. S.K. Kar has unsponsored research projects on (1) Effect of REM Sleep Deprivation on the Immune system of Rats and (2) Wound healing properties of Tridax Procumbens Leaves Extracts.

2. R.Bhatnagar has unsponsored research project on Development of Mycobacterial Antigen Delivery System using Anthrax Toxin Components.

3. R.Bhat has unsponsored research project on Protein folding, aggregation and Diseases using Citrate Synthase and Human lens Crystallins as models.

4. D. Choudhury has unsponsored research project on Molecular Dynamics Studies on Fimbrial Proteins.

5. S.S.Mitra has unsponsored research project on "Neurocontrol".

IX. FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

1. Rakesh Bhatnagar, 16th Meeting of the Indo-US Vaccine Action Programme Joint working Group, NIAID, Bethesda, USA, 30-31 January 2003.
2. Rakesh Bhatnagar, 5th International Conference on Anthrax and 3rd Workshop on Bacillus cereus, B. anthracis and B. thuringiensis Nice, France, 30 March-3 April 2003.

X. FACULTY PARTICIPATION IN CONFERENCES WITHIN INDIA

1. Santosh K. Kar, Indian Immunology Society Annual Meeting at Bhubaneswar, 27-30 November 2002.
2. Santosh K. Kar, Molecular Immunology Forum Meeting at CCMB, Hyderabad, 31 January to 1 February 2003.
3. Santosh K. Kar, Meeting of TRENDY at Bangalore, 16-18 August 2002.
4. Rajiv Bhat, First Indian Symposium of "The Protein Society" , IIT , Mumbai, 18-20 October, 2002.

XI. FACULTY LECTURES OUTSIDE JNU

1. Rakesh Bhatnagar, Talk on "Technology Pricing - Seller's Perspective" organized by BCIL, Le Meridien, New Delhi, 27 Feb 2003.
2. Rakesh Bhatnagar, Talk, Golden Jubilee, Vallabhbhai Patel Chest Institute, International Conference on Chest Disease & Allied Sciences, 12-14 Jan 2003, India Habitat Centre, Lodhi Road, New Delhi.
3. Rakesh Bhatnagar, Talk, International Conference on Chemicals, Petrochemicals, Pharmaceuticals & Process Plant and Machinery, 18-21 September 2002, Vigyan Bhawan & Federation House, New Delhi.

XII. VISITORS TO THE CENTRE

1. Prof.V.S.Chauhan, Director, ICGEB, New Delhi.
2. Dr. Utpal Bhadra, Scientist, CCMB, Hyderabad.
3. Dr. Dinakar Salunke, Scientist , NII, New Delhi.
4. Prof. Ajit Sodhi, BHU, Varanasi.
5. Dr.Utpal Sengupta, JALMA, Agra.
6. Prof T.P.Singh, AIIMS, New Delhi
7. Dr. Ross Barnard, University of Queensland, Brisbane, Australia.

XIII. SEMINARS/CONFERENCES ORGANIZED BY THE CENTRE

1. Dr. T. Sudhakar Johnson, Dabur Research Foundation, Noida, gave a seminar on "Biotechnological Approaches to Phyto-Pharmaceuticals Production", on 22 Jan 2003
2. Dr. Subrata Adak, Scientist, Indian Institute of Chemical Biology (IICB), Kalkotta, gave a Seminar "No Way Back" on 7 Feb 2003.
3. Dr. Sanjay Kumar, Centre for Biologics Evaluation & Research, NIH Campus, Bethesda, MD, USA

gave a Seminar, "Malaria: Immune Response & Immunity" on 17 Feb 2003.

A one-day Symposium Molecular Interactions In Biology in Honour of Prof. Kunal B. Roy was held on 3 January 2003

XIV AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

1. Rakesh Bhatnagar, All India Biotech Association Award 2001-2002, in recognition of Achievement in Promotion of Biotechnology, in the Area of Biotechnology for Healthcare.

XV MEMBERSHIP OF BOARDS/COMMITTEES

1. Santosh K Kar, Life Member, Indian Immunology Society
2. Santosh K. Kar, Secretary, Indian Immunology Society
3. Santosh K. Kar, Member, Immunology Forum
4. Santosh K. Kar, Life Member, Society of Biological Chemist (India)
5. Santosh K. Kar, Life Member, Indian Society for Cell Biology.
6. Santosh K. Kar, Member, Standing Committee of TRENDYS.
7. Rakesh Bhatnagar, Member, American Society of Cell Biology
8. Rakesh Bhatnagar, Member, American Society for Microbiology
9. Rakesh Bhatnagar, Life Member, Indian Immunological Society
10. Rakesh Bhatnagar, Life Member, Biotechnological Society of India
11. Rakesh Bhatnagar, Executive Member, All India Biotech Association
12. Rakesh Bhatnagar, Member, Academic Council, JNU
13. Rakesh Bhatnagar, Member, Advisory Committee, Indian Institute of Technology, Roorkee
14. Rakesh Bhatnagar, Member, Academic Council, Central Institute of Fisheries, Education, Mumbai
15. Rakesh Bhatnagar, Member, Advisory Committee, Himachal Pradesh University
16. Rakesh Bhatnagar, Member, Academic Council, Gwalior University
17. Rakesh Bhatnagar, Member, Advisory Committee, Gorakhpur University
18. Rakesh Bhatnagar, Member, Academic Committee, Central Drug Research Institute, Lucknow
19. Rakesh Bhatnagar, Member, Academic Committee, CCMB, Hyderabad.
20. Rakesh Bhatnagar, Member, Research Advisory Committee (RAC) of National Bureau of Fish Genetic Resources, Lucknow
21. S. S. Maitra, Full Member, Institution of Engineers (MIE)

XVI ACHIEVEMENTS OF STUDENTS

Nil

XVII ANY OTHER INFORMATION

Nil

11. Centre for the Study of Law and Governance

The Centre for the Study of Law and Governance was established in the year 2000 as JNU's response to the increasingly interdisciplinary focus on issues related to law and governance. Significant contributions by sociologists, Political scientists, Economics and Scholars in other fields, have enriched and widened the traditional understanding of the idea of governance. Simultaneously, governance practices have also reached out beyond the state to encompass elements of civil society and a wide variety of institutional forms. Governance issues have policy implications in terms of the reform of public institutions, the creation and establishment of procedures and rules that lead to greater efficiency, transparency and accountability, and the challenge of making governance more inclusive and participatory, through the strengthening of democracy and civil society. Governance is also increasingly taking place at many levels simultaneously, from the local to the global.

While the Centre's academic programme aims at developing a body of scholarly research that contributes to ongoing debates and issues in academic publication, it also seeks to cultivate a practical orientation by initiating debate on policy issues, so as to act as a catalyst for change.

I. THRUST AREAS AND PERSPECTIVE PLAN

The Centre for the Study of Law and Governance has four research foci:

Globalisation and Governance
Democracy and Civil Society
Legal Framework for Development
State Institutions and Governance

The Centre for the Study of Law and Governance proposes to continue its work in these areas of research by faculty and students.

II. NATURE OF COLLABORATIVE ARRANGEMENTS OF THE CENTRE

NIL

III. REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

The Centre for the Study of Law and Governance has prepared courses for proposed M.Phil. Programme. These comprise 3 compulsory courses, and 16 Optional Courses.

IV. SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENTS

NIL

V. PUBLICATIONS

Books

NIL

Chapters Contributed to Books

1. Niraja Gopal Jayal, "Ethics, Politics, Biodiversity: A View from the South" in Andrew Light and Avner de-Shalit, eds. *Moral and Political Reasoning in Environmental Practice* (Cambridge, Mass.: M.I.T. Press, 2003).
2. Pratap Bhanu Mehta, "Naipul and the Burdens of History" in P. Pawar, ed. *Critical Perspectives of Naipul* (Delhi, 2003).
3. Pratap Bhanu Mehta, "Democracy and Social Cooperation" in Tae Chae Kim, ed. *The Idea of Public Happiness* (Kyoto, 2003).
4. Pratap Bhanu Mehta, "The Dilemmas of Muslim Politics" in K. Chaitanya, ed. *Fascism in India* (Delhi, 2003).
5. Pratap Bhanu Mehta, "The Idea of Collective Responsibility: Some Philosophical Considerations" in S. Motilal, ed. *Responsibility and Rights* (Delhi: 2003)
6. Amit Prakash, "Socio-cultural and Economic Background of the Political System" in Ajay Mehra, D. D. Khanna and Gert W. Kueck, eds. *Political Parties and the Party Systems* (New Delhi: Sage, 2003).
7. Amita Singh, "Reconstructive Post-modernism and Environment Security in South Asia" in R. B. Jain, ed. *Environmental Security in South Asia* (Paris: L. Harmattan, IIESS, 2002).
8. Amita Singh, "Administrative Reforms, Sheer Weight or Warrant?" in S. N. Mishra, A. D. Mishra and S. Mishra, eds. *Public Governance and Decentralization* (Delhi: Mittal).
9. Nandini Sundar, "License to Kill: Patterns of Violence" in Siddharth Varadarajan, ed. *A Tragedy Called*

Gujarat (New Delhi: Penguin, 2002).

10. Nandini Sundar, "Village Histories: Coalescing the Past and Present" in Partha Chatterjee and Anjan Ghosh, eds. *History and the Present* (Delhi: Permanent Black, 2002).

Articles

1. Niraja Gopal Jayal, "Representing the Disadvantaged: Women, Minorities and Dalits in the Indian Parliament" in *Nepali Journal of Contemporary Studies*, vol. II, no.2, September 2002.

2. Niraja Gopal Jayal, "Do the New States Tell a Story about Indian Federalism? Some Comments on Maya Chadda's 'Integration through Internal Reorganization: Containing Ethnic Conflict in India'" in *The Global Review of Ethnopolitics*, vol.2, no.2, January 2003.

3. Niraja Gopal Jayal, "Civil Societies: Real and Imagined" in *The Indian Journal of Political Science*, vol.63, nos. 2 & 3, June-September 2002 (Special Issue on Critical Perspectives on Civil Society).

4. Pratap Bhanu Mehta, "Passion and Constraint" Seminar, Jan 2003.

5. Pratap Bhanu Mehta, "Is Electoral and Institutional Reform the Answer?" Seminar, July 2002.

6. Pratap Bhanu Mehta, "The Ethics of Humanitarian Intervention" in *Nomos*, March 2003.

7. Pratap Bhanu Mehta, "Philanthropy: Philosophical Perspectives", Working Paper, Centre for History and Economics, King's College, Cambridge.

In addition approximately fifty articles and books reviews appeared in *The Hindu*, *Indian Express*, *Telegraph*, *Outlook* and *American Political Science Review*.

8. Amit Prakash, "How Good is India's 'Own' National Human Development Report?" for the *Governance and Development Review Website*, Institute of Development Studies, Brighton, UK.

9. Amit Prakash, "Politics of Culture", review of Kanungo, Pralay, *RSS's Tryst with Politics: From Hedgewar to Sudarshan*, (New Delhi: Manohar, 2002), 314 pp. in *Telegraph* 13 September 2002.

10. Amita Singh, "Questioning New Public Management" in *Public Administration Review: Journal of American Society of Public Administration*, vol. 63, no.1, Jan-Feb 2003.

11. Nandini Sundar, "Indigenise, Nationalise and Spiritualise: An Agenda for Education?" in *International Social Science Journal*, 173, 2002.

VI. RESEARCH PROJECTS (SPONSORED)

NIL

VII. RESEARCH PROJECTS ONGOING (SPONSORED)

1. Niraja Gopal Jayal, *Dialogue on Democracy and Pluralism in South Asia* (funded by the Ford Foundation).

2. Niraja Gopal Jayal, *Ethnic Structure, Inequality and the Governance of the Public Sector*. (India country study) United Nations Research Institute for Social Development, Geneva. (July, 2002 - December 2003).

3. Amit Prakash, "Group Discrimination and Elections in India" as a part of the Ford Foundation funded

project on Electoral Processes and Governance in South Asia at the International Centre for Ethnic Studies, Kandy, Sri Lanka.

4. Nandini Sundar, The legal framework for development in Jharkhand (UNDP-GOI)

VIII. RESEARCH PROJECTS ONGOING (UNSPONSORED)

1. Pratap Bhanu Mehta, The Burdens of Democracy
2. Pratap Bhanu Mehta, Ethics in an Imperfect World
3. Pratap Bhanu Mehta, The Idea of Constitutionalism
4. Amit Prakash , Mapping Indicators of Governance in India
5. Amit Prakash, Good Governance and Development Policy: A Comparative Study of Uttar Pradesh and Maharashtra
6. Amita Singh, Impact of Transnational Business on Local Governance/Public Enterprise Management.
7. Nandini Sundar, War and the Construction of Citizenship in South Asia
8. Nandini Sundar, Disciplinary Biographies: essays in the history of Indian anthropology and sociology

IX. FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

1. Niraja Gopal Jayal, Ethnic Structure, Inequality and the Governance of the Public Sector: Methodology Workshop. United Nations Research Institute for Social Development, Geneva. (Research Paper on "Ethnic Structure, Inequality, and Governance in India", May 27-28, 2002
2. Niraja Gopal Jayal, Network on South Asian Politics and Political Economy (NETSAPPE), First Annual Meeting, Centre for South Asian Studies, University of Michigan at Ann Arbor. (Participated in the Roundtable on Gujarat"), July 1-3, 2002.
3. Niraja Gopal Jayal, Annual Meeting of The Centre for the Future State, Institute of Development Studies, University of Sussex, U.K. [as Member of the Centre's Advisory Review Group (CARG)] July 11-13, 2002
4. Niraja Gopal Jayal, Workshop on Civil Society and Political Change in Asia, organized by the East-West Center, Hawaii, at Phnom Penh, Cambodia (Senior Scholar, commenting on country studies of India, Pakistan and Sri Lanka; and panelist in the concluding session of the workshop).October 24-28, 2002
5. Niraja Gopal Jayal, Conference on "Diversity and Co-existence in Asia" organized by the International Centre for Ethnic Studies, Colombo and the Ford Foundation, at Kandalama, Sri Lanka, February 5-9, 2003
6. Pratap Bhanu Mehta, Varieties of Liberalism, Foundation for Future Generations, Kyoto, Japan, April 2002.
7. Pratap Bhanu Mehta, NETSAPPE, Michigan University, June 2002.
8. Pratap Bhanu Mehta, Humanitarian Intervention Reconsidered, American Political Science Association, Boston, Sept, 2002 (in conjunction with American Society for Applied and Legal Philosophy).
9. Pratap Bhanu Mehta, Popper, Hayek and the Critique of Rationalism, Christchurch NewZeland, November, 2002
10. Pratap Bhanu Mehta, Global Development Network, Cairo, Jan 2003.
11. Amit Prakash , Presented a paper entitled 'Post-colonial Indian State: Discursive Structures and the New Hegemonic Consensus - Case of Tribal Identity in Jharkhand' at the International Conference in 'Revis-

ing the Asian State' organised by the International Institute of Asian Studies (IIAS), Leiden, and other academic bodies of the Netherlands: NWO, CNWS, KNAW at Leiden University, Leiden, the Netherlands - 28-30 June 2002.

12. Amit Prakash, Presented a paper entitled 'Group Discrimination and Elections in India' at the International Conference in the Electoral Processes and Governance in South Asia organised by International Centre for Ethnic Studies, Kandy, Sri Lanka at Colombo - 21-23 June 2002.

13. Nandini Sundar, Presented a paper, 'Teaching to Hate: the Hindu Right's Pedagogical Program', Conference on Revolution and Pedagogy, Ohio State University, 18-21 April, 2002

14. Nandini Sundar, Presented a paper, 'The Anthropology of Culpability and Citizenship', Wenner-Gren Workshop on 'Suffering and Recovery', New York, September 17-20, 2002

X. FACULTY PARTICIPATION IN CONFERENCES IN INDIA

1. Niraja Gopal Jayal Presentation of "The National Commission for Scheduled Castes and Tribes: A Report" (co-authored with B.N. Mohapatra), at a National Workshop on Diversity and Pluralism and the Role of National Institutions in the Protection of Minority Rights, organized by the International Centre for Ethnic Studies, Colombo with the Indian Social Institute, New Delhi., October, 5, 2002

2. Niraja Gopal Jayal, Seminar on "States in Transition: Governance and Civil Society in Maharashtra" at the University of Mumbai. (Paper presented: "Theorising Governance and Civil Society for India"), 30 Nov.-1 Dec., 2002

3. Niraja Gopal Jayal, Conference on "Local Governance in India and China" in Kolkata, organized by the Institute of Chinese Studies, University of Delhi, and the Institute of Social Sciences, Delhi. (Paper presented: "Development or Empowerment? Women's Participation in Panchayati Raj Institutions"), Jan. 6-8, 2003

4. Niraja Gopal Jayal, Conference on "Citizenship and Governance: Issues of Identities, Inclusion and Voice" organized by Participatory Research in Asia, New Delhi. (Paper presented: "Citizenship and Governance: Conceptual and Theoretical Issues.", February 13, 2003

5. Pratap Bhanu Mehta, The Idea of Collective Responsibility, DIVA, New Delhi, Sept 2002

6. Pratap Bhanu Mehta, Ethics and Politics, Gargi College, Delhi University, Nov 2002

7. Pratap Bhanu Mehta, Against Toleration, Delhi University, Nov 2002

8. Pratap Bhanu Mehta, Kant and Theodicy, CSDS, Delhi, Dec 2002

9. Pratap Bhanu Mehta, Against Composite Culture, Conference on Living Together Separately, Jamia Millia Islamia, Dec, 2002

10. Pratap Bhanu Mehta, Translating Democracy, PHISPC, New Delhi, Dec 2002

11. Pratap Bhanu Mehta, The Dilemma of Muslim Politics, Zakir Hussain Memorial Lecture, Delhi, Feb 2003

12. Pratap Bhanu Mehta, Citizenship and the Nation State, CSSC conference, Goa, Feb 2003

13. Pratap Bhanu Mehta, Post Democracy, International Association of Jurists, 2003

14. Pratap Bhanu Mehta, The Ethics of Toleration, University of Pune, March 2003

15. Pratap Bhanu Mehta, The Triumph of Hindutva, PHISPC, March 2003

16. Pratap Bhanu Mehta, Ethics and Evil, Conference on the Eighteenth Century, Delhi University, March 2003

17. Pratap Bhanu Mehta, Burke, Furet and the Question of Terror, Delhi University, March 2003

18. Amita Singh , presented paper on Accountability in Infrastructure development of industrial townships of Gurgaon and Faridabad in Haryana. CSLG/UNDP Conference on Local Governance, April 11-12, 2002
19. Amita Singh, presented paper on Indo-Canadian environmental cooperation , SIS/Canadian High Commission Conference on Indo-Canadian Cooperation-Emerging Areas, May 9, 2002
20. Amita Singh, Presented paper on Global Corporate Governance and Sustainable Environmental Management at the International Conference at Delhi organized by International Institute of Administrative Sciences [IIAS] Brussels, and Ministry of Personnel, Public Grievances, Nov. 5-9, 2002
21. Amita Singh, Presented paper on Emerging Issues in Indo-Australian Cooperation for Sustainable Development, at the conference organized by Australian High Commission and IGNOU, November 25, 2002
22. Amita Singh, Presented paper on The Fifth Pay Framework of Reforms in India at the Conference organized by International Political Science Association and Rajasthan University, Dec. 22, 2002
23. Amita Singh, Ministry of Environment Institutional Ethics Committee participant/discussant/ NGO Spokesperson in 'International Conference on Alternatives to the use of Animals in Research" Department of Biotechnology[MHRD] and Animal Welfare Board, Feb. 24-25, 2003
24. Nandini Sundar, Elwin and the Missionary Debate. Paper presented at Verrier Elwin and the Tribes of North East India. Elwin Centenary Seminar. North Eastern Hill University, Shillong 29-31 August, 2002
25. Nandini Sundar, Participant in World Bank Consultation on Forest Policy in India, 3 Sept. 2002
26. Nandini Sundar, Chair and Discussant for Session on International Context. Resettlement and Rehabilitation in India. India International Centre, 13 September, 2002
27. Nandini Sundar, Member of the Fact finding team, organised by the All India Coordinating Forum of the Adivasi and Indigenous Peoples', into the situation of Indigenous Peoples in the Andaman Islands, 8-12 October, 2002
28. Nandini Sundar, 'The Anthropology of Citizenship, Paper presented at the Prof. T.K. Oommen Felicitation Seminar, Centre for the Study of Social Systems, SSS JNU, 21-22 Oct.,2002
29. Nandini Sundar, Discussant at Seminar on Development Vision for Jharkhand organised by UNDP, Government of Jharkhand and Institute for Human Development 24-25 Oct.,2002
30. Nandini Sundar, Paper on 'Violence in JFM', Hindu College Workshop, Delhi University, 16-18 January, 2003

XI. FACULTY LECTURES OUTSIDE JNU

1. Niraja Gopal Jayal Panelist at the launch of the Human Development Report 2002: Deepening Democracy in a Fragmented World. UNDP, New Delhi, 24 July, 2002.
2. Niraja Gopal Jayal, Talk on "A Rights-Based Approach to Governance: The Right to Education" at the National Institute of Educational Planning and Administration, New Delhi, 6 August, 2002
3. Niraja Gopal Jayal, Presentation on "Issues and Challenges for Panchayati Raj Institutions" at the Ford Foundation, New Delhi. Sept., 2002
4. Niraja Gopal Jayal, Talk on "Gender and Governance in India" at the UNDP, New Delhi, 10 October, 2002
5. Niraja Gopal Jayal, Lecture on "Women in Panchayati Raj Institutions" at Lady Shri Ram College, University of Delhi, January 20, 2003
6. Niraja Gopal Jayal, Lecture on "Ecofeminism" at Lady Shri Ram College, University of Delhi, January 29, 2003

7. Niraja Gopal Jayal, "Citizenship: Issues and Challenges" Presentation at The Ford Foundation, New Delhi, Feb. 12, 2003
8. Niraja Gopal Jayal, Lecture on "Women, Family Law and the Uniform Civil Code" at Lady Shri Ram College, University of Delhi, Feb. 21, 2003
9. Pratap Bhanu Mehta, Religion and Modernity, Jamia Hamdard, Feb 2003
10. Pratap Bhanu Mehta, Plato, Rousseau and Rawls: Six Lectures, Lady Shriram College, Delhi University, Feb, 2003
11. Amit Prakash , Lectures at the Academic Staff Collage, Punjab University, Chandigarh - 11 March 2003 on:
 - Concept of Governance
 - Politics of Jharkhand
12. Amit Prakash, Keynote address Politics and Development of Jharkhand at the Council for the Development of Bihar and Jharkhand - 10 November 2002.
13. Amita Singh , " Strengthening State ATIs" at Haryana Institute of Public Administration, Gurgaon, 30 July, 2002
14. Amita Singh, " Democratic Governance and Environment" HIPA, Gurgaon, 5 August, 2002
15. Amita Singh, " Panchayats and Good Governance after 73rd Amendment" at the Round Table Surya Foundation Think Tank on Rural Governance 2 September, 2002
16. Amita Singh, "Gender Differentials in Employment and Wage Structure" HIPA, 4 Sept., 2002
17. Amita Singh, "Bioethics" IIC Seminar of ICMR, 14 Sept., 2002
18. Amita Singh, "Decentralization: Environment: People's Participation" HIPA, Gurgaon 16 Sept., 2002
19. Amita Singh, "From Public Administration to Governance" Gargi College, Delhi University, Jan 16, 2003
20. Amita Singh, "Bureaucracy, Environment and Sustainable Development Practices" HIPA, Gurgaon, 26 Feb., 2003
21. Nandini Sundar, Elwin and the Missionary Debate. Paper presented at Verrier Elwin and the Tribes of North East India. Elwin Centenary Seminar. North Eastern Hill University, Shillong, 29-31 August, 2002
22. Nandini Sundar, Participant in World Bank Consultation on Forest Policy in India, 3 Sept., 2002
23. Nandini Sundar, Chair and Discussant for Session on International Context. Resettlement and Rehabilitation in India. India International Centre, 13 Sept., 2002
24. Nandini Sundar, Member of the Factfinding team, organised by the All India Coordinating Forum of the Adivasi and Indigenous Peoples', into the situation of Indigenous Peoples in the Andaman Islands, 8-12 Oct., 2002
25. Nandini Sundar, Discussant at Seminar on Development Vision for Jharkhand organised by UNDP, Government of Jharkhand and Institute for Human Development, 24-25 Oct., 2002
27. Nandini Sundar, Paper on 'Violence in JFM', Hindu College Workshop, Delhi University, 16-18 January, 2003

XII. VISITORS TO THE CENTRE

1. Ajay S Mehta, Executive Director, National Foundation of India spoke on Rethinking Voluntary Action, Community Participation & Property Relations on 6 September 2002.
2. Sanjaya Baru, Editor, Financial Express talked on Good Governance and Comprehensive National Power on 13 September 2002.

3. B G Verghese, Magsaysay Award Winner and former Editor, the Statesman and Visiting Professor, Centre for Policy Research, New Delhi spoke on Water Issues and Hydro-Politics in India on 4 October 2002.
4. Rahul Ramagundam, Research Scholar, JNU spoke on Law, Lies and Land: Empowerment and Assertion at Grassroots Level on 27 September 2002.
5. Vasanta Muthuswamy, Deputy Director-General, Indian Council for Medical Research, New Delhi spoke on Genetic Research and Accountability of Science on 18 October 2002.
6. Gopal Guru (Delhi University Political Science): Impact of Globalisation on marginalised groups in contemporary Bombay
7. M.K. Venu (Senior Editor, Economic Times): Markets and Governance, 7 February, 2003.
8. Ghanshyam Shah (CSM): Public health and urban governance: Surat Revisited, 14 Feb., 2003
9. Seminar on Bioethics (with Schools of Life Sciences and Biotechnology), 20 Feb, 2003
10. Nandita Haksar: International Law and the War on Terrorism 28 Feb., 2003
11. Neela Mukherjee (Visiting Fellow, Centre for the Study of Law and Governance): Sustainable Livelihoods Analysis, 7 March, 2003
12. Radhika Singha (CSSH): Policing the Badmash in Colonial India, 28 March, 2003

XIII. SEMINAR/CONFERENCES ORGANISED BY THE CENTRE

1. Workshop on Local Governance, in collaboration with the United Nations Development Programme and the United Nations Commission on Human Settlements was organised by the Centre on 11-12 April, 2002
2. "Essentials of Good Governance" by Mr. Soli Sorabjee, Attorney General for India on 15 November, 2002.
3. One day Seminar on Bioethics was organised in collaboration with School of Life Sciences and School of Information Technology.
4. Workshop on 'The Right to Self-Determination, Good Governance and the Law' was organised from 24-28 February, 2003 by the Centre.

XIV. AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

1. Nandini Sundar, M.N. Srinivas Memorial Prize, 2002, for "Caste and the Census: Inequality and Identity."

XV. MEMBERSHIP OF BOARDS/COMMITTEES

1. Niraja Gopal Jayal, Member, Centre Advisory Review Group, Centre for Future State, Institute of Development Studies, University of Sussex, Brighton, UK
2. Pratap Bhanu Mehta, Member, Academic Council, Jamia Hamdard University.
3. Pratap Bhanu Mehta, Member, ICPR Conference Organizing Committee on Science, Philosophy and Civilization.
4. Pratap Bhanu Mehta, External Referee: Princeton University Press, Oxford University Press.
5. Amit Prakash, Member Academic Council of the Jawaharlal Nehru University..
6. Amit Prakash, Member Consultation Board set up for the establishment of the ORF Institute of

Politics and Governance, New Delhi.

7. Amit Prakash, Honorary Consultant to the Institute for Conflict Management, New Delhi for their project on 'Planning for Development and Security in India's Northeast'
8. Amita Singh, Member, Institutional Ethics Committee of the International Centre for Genetic Engineering and Biotechnology, Delhi
9. Amita Singh, Member, Experts Committee on Course "Sustainable Development-Issues and Challenges" IGNOU.
10. Amita Singh, Executive Member 'Forum for Ethical Sciences', NGO network for regulatory reforms in Bioethics and norms for laboratory experimentation, Delhi.
11. Nandini Sundar, Member, Governing Body, Centre for Social Communication and Change, New Delhi, 2003- 2005
12. Nandini Sundar, Member, International Scientific Advisory Board, National Centre of Competence in Research North-South, University of Berne, 2003-2005.

XVI. ACHIEVEMENTS OF THE STUDENTS

NIL

XVII. ANY OTHER INFORMATION

The Centre has awarded two Visiting Fellowships from its project grant from Ford Foundation. The two Visiting Fellows are Mr. Videh Upadhyay, a specialist in environmental law, whose research project at the Centre is on the subject "Decentralized Governance in Natural Resource Management: Exploring Legal Spaces for Inter-relationships between Panchayati Raj Institutions and Formal User Groups in Forest and Water Resources".

The second Visiting Fellowship is held by Dr. Neela Mukherjee, a development economist. Her research project at the Centre is on the subject "Issues in Global Governance from the Perspective of the South: A Study of General Agreement in Trade and Services (GATS) under WTO".

12. Centre for Sanskrit Studies

The Special Centre for Sanskrit Studies started in 2001. At present the Centre has a strength of six faculty. The Centre have started Direct Ph.D. Programme in July 2002 and will be starting regular MA programme from July, 2003.

I. THRUST AREAS AND PERSPECTIVE PLAN

1. Negotiate between, and bring together, through interactive projects, the traditional scholars/scholarship and the mainstream university scholars/scholarship.
2. Undertake maintenance and preservation of heritage texts and manuscripts
3. Constitute and expound theoretical framework from the primary intellectual texts of the Sanskrit tradition, and
4. Extend and validate the classical theories by applying them both to contemporary Indian reality (modern Indian languages, literatures, etc.) and to contemporary European Languages and literatures (to reverse the existing data-theory relationship between the Indian academy and the Western academy and to recover theory status for the Indian thought), and
5. Undertake comparative research in Indian and Western traditions of thought in linguistics, literary and cultural theory, philosophy including philosophy of language, metrics and prosody, sociological thought, polity, gender, and ethnic studies and culture.

II. NATURE OF COLLABORATIVE ARRANGEMENTS OF THE CENTRE

1. Collaborated with other faculty members of JNU to design and develop M.Phil/Ph.D. courses at the centre
2. Collaborated with Rashtriya Sanskrit Sansthan to hold a 12 day workshop on Navya Nyaya language and methodology.

III. REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

1. New M.A., M.Phil./Ph.D. courses have been developed

IV. SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENTS

NIL

V. PUBLICATIONS:

Books

1. Shashiprabha Kumar, published a monograph entitled "Bhartiya Darsanika Cintana: Janmanas par Prabhava," (K.K. Birla Foundation, New Delhi, 2002).
2. Rajnish Kumar Mishra, Saiva Philosophy and Literary Theory.
3. Ram Nath Jha, Editor and Member "Pandulipi Samiksa Sansodhana Karyagosthi of Vyakaranasaurabham," (A Text-book of Sanskrit Grammar for Class XI & XII, published by (NCERT, New Delhi November, 2002.)
4. Santosh Kumar Shukla, "Bal Sanskritam I," The Sanskrit Society of India, Delhi 2003.
5. Santosh Kumar Shukla, "Bal Sanskritam II," The Sanskrit Society of India, N. Delhi 2003.

Chapters Contributed to Books

1. Shashiprabha Kumar, "Vedic View of Self' in the Conceptual volume entitled 'Self, Society and Science,' Theoretical and Historical Perspectives' of the Project of History of Indian Science, Philosophy and Culture, New Delhi.
2. Shashiprabha Kumar, "The Arya Samaj Movement," in the volume on 'Systems of Religion in India' under the auspices of Centre for Studies in Civilization, New Delhi .
3. Rajnish Kumar Mishra, "Dhammapada and Value Education",
4. Rajnish Kumar Mishra, "Ramacaritamanasa and Value Education.
5. Girish Nath Jha, Currently working on revisind the improving the "Vyauharik Hindi-Angrezi Sabdakosa, published by (Kendriya Hindi Nideshalaya, Deptt of Education, Min. of HRD)
6. Girish Nath Jha, Currently working on the Sanskrit portion of the "BhartiyaBhasa Kosa," to be published by (Kendriya Hindi Nideshalaya, Deptt of Education , Min. of HRD)
7. Ram Nath Jha, "Srimadhagavadgita Men Naitika Katrtavya Evam Bhavanatmaka Sangharsa," (Moral duty and inner conflict in Srimadbhagavadgita) - A chapter contributed to the felicitation vol. in Honour of Prof. Pushpendra Kumar titled ' Facets of Indian Heritage' (New Bhartiya Vidya Prakashan, Delhi, 2003).
8. Hari Ram Mishra, "Panini's Grammar,"
9. Hari Ram Mishra, "Sanskrit Language - Traditional Grammarians and Modern Philologists".
10. Hari Ram Mishra, History of Science Philosophy and Culture entitled "A Golden Chain of Civilizations," Indic, Iranic, Semitic and Hellenic Civilizations upto AD 600".

Articles

1. Shashiprabha Kumar, Review of book "Facets of Indian Philosophical Thought," (Sandhana, Journal of the Centre for Studies in Civilization, New Delhi, Vol. II no.2)
2. Rajnish Kumar Mishra, "Pratibha as Creative and Receptive Principle" in the Proceedings of the National Seminar on Indian Sanskrit Poetics: Recent Trends and Future Directions (Dept. Of English, Gurukul Kangri University, Hardwar)
3. Santosh Kumar Shukla "Nasadiyasukte Varnitanam Kamh, Manasaritah, Retodhah Shabdanam vivechama" Shodhaprabha, L.B.S.R. Sanskrit Vidyapeetha, N.Delhi
4. Hari Ram Mishra, "Hindi Bhasha men Vakrokti Sidhanta in the Proceedings of national seminar on Hindi Bhasha Ki Bauddhika Parampara," organized by Centre for Studies in Civilization, New Delhi.
5. Hari Ram Mishra, "Aryon Ki Khoja," Bhasasastriya Avam Puratattvika in the Proceedings of national seminar on the Thoughts and work of Professor G.C. Pande organized by Indian Council of Philosophical Research, New Delhi.

VI. RESEARCH PROJECTS (SPONSORED)

NIL

VII. RESEARCH PROJECTS ON-GOING (SPONSORED)

1. Shashiprabha Kumar, 'Theories of Matter and Motion in Ancient India' for the volume 'A Golden Chain of Civilizations: Indic, Iranian, Semitic and Hellenic upto AD 600. Ed. G. C. Pande, Centre for Studies in Civilisation, New Delhi
2. Shashiprabha Kumar, 'Women in Vedic Period' for the volume 'Identity and Status of Indian Women: Ancient Period' for the Project of History of Indian Science, Philosophy and Culture, New Delhi.
3. Shashiprabha Kumar, 'Yoga and Vaisesika' for the volume 'Yoga and other systems' under the sub-project of CONSAVVY, CSC, New Delhi.
4. Girish Nath Jha, Database and Dialect Mapping of Hindi: sponsored and run at Mahatma Gandhi Antarrashtriya Hindi University, New Delhi
5. Hari Ram Mishra, Translation of Siddhanta Kaumudi (16th Century) under project for preparing critical editions, translation and annotation of important source material relating to Indian Civilization of Indian Institute of Advanced Study, Shimla
6. Ram Nath Jha, a Research Project sponsored by U.G.C. for a period of three years entitling 'to prepare a reader in Indian philosophy' started from 1 July , 2003

VIII. RESEARCH PROJECTS ON-GOING (UN-SPONSORED)

1. Shashiprabha Kumar, Foundations of Indian Philosophical Thought.
2. Shashiprabha Kumar, Vaisesika Metaphysics and Epistemology.
3. Rajnish Kumar Mishra, Indian Aesthetics: The Classic Readings
4. Girish Nath Jha, Online Multilingual Amarakosa
5. Ram Nath Jha, a Research Project entitling 'Philosophical and Technical Terms of Adi Sankarcarya' .
6. Santosh Kumar Shukla, Mimamsa Lexicon
7. Santosh Kumar Shukla, Pada and Word Index of Slokavartikam
8. Hari Ram Mishra, a Study of Paninian System of Grammar and its Relevance in Modern times.

IX. FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

1. Girish Nath Jha, managed and developed the ALED educational project for Human Kinetics Publishers in Urbana-Champaign, Illinois, USA as Software Development Specialist (May-July 2002)

X. FACULTY PARTICIPATION IN CONFERENCES IN INDIA

1. Shashiprabha Kumar, Chaired the section 'History of Philosophy' in the Udaipur Session of Indian Philosophical Congress during October 23-27, 2002.
2. Shashiprabha Kumar, Attended, participated and presented a paper entitled 'Yoga and Vaisesika' in the

ICPR sponsored National symposium on Yoga at Udaipur, during October, 2002.

3. Shashiprabha Kumar, Organised and Convened the Ist Foundation Day Lecture on 1 November, 2002 by Dr. Karan Singh, Chancellor, JNU on 'Vedanta and its Universal Message' under the auspices of Nishreyasa.
4. Shashiprabha Kumar, Presented a paper entitled 'Vedic Philosophy: From Ritual to Spiritual' at the TRV Murti Memorial International Conference held at Varanasi during December 18-22, 2002.
5. Shashiprabha Kumar, Attended the ICPR sponsored National Seminar on The Thought and Works of Prof. G.C. Pande and presented a paper entitled 'Vaidika Samskriti : Ek Anuseelana' held at IIC, New Delhi during March 3-5, 2003.
6. Shashiprabha Kumar, Attended and actively participated as a member of the organising committee in the International Conference on Indian Philosophy, Science and Culture, held at IIC, New Delhi during March 29 to April 1, 2003.
7. Rajnish Kumar Mishra, Participation in a Workshop on Development of Textbook on History of Scientific Writings in Sanskrit, organized by NCERT, New Delhi during 6-31 August, 2002
8. Rajnish Kumar Mishra Participation in the Workshop on Urdu Ka Devanagarikarana jointly organized by Mahatma Gandhi Antarrashtriya Hindi Vishwavidyalaya, New Delhi and Kendriya Hindi Sansthan, Agra in the Campus of Kendriya Hindi Sansthan, Agra 15-16 September, 2002.
9. Rajnish Kumar Mishra, Presentation of research paper "Pratibh(as Creative and Receptive Principle" at the nation Seminar on Indian Sanskrit Poetics: recent Trends and Future Directions, organized by the Dept. of English, Gurukul Kangri University, Harwar. (21 March 2003-23 March 2003.)
10. Rajnish Kumar Mishra, Attended an International Conference on History of Philosophy, Science and Culture held at India Habitat Centre, New Delhi organized by I.C.P.R. New Delhi, 29 March, 2003 - 1 April, 2003.
11. Girish Nath Jha, Workshop on Annotated Corpora for Indian languages, Delhi University, New Delhi, Jan 19, 2003, organized by IIT-Hyderabad and Delhi University, New Delhi.
12. Girish Nath Jha, Workshop on global wordnet (CIIL, Mysore sponsored) Jan 13-16, 2003, CIIL, Mysore
13. Girish Nath Jha, Training programme for Project Assistants in the Hindi Sangrah project , Dec 15-25 2002, at MGAHU, New Delhi. Taught introductory computer applications and computational linguistics
14. Girish Nath Jha, Workshop on Hindi-Sangrah (database and dialect mapping of Hindi), IIC, New Delhi, Dec 12, 2002, organized by MGAHU, New Delhi. Presented the 'Hindi-Sangrah - The Technology of it'
15. Girish Nath Jha, Navya-Nyaya language and Methodology, attended this 12 day workshop in JNU, Oct 1-12, 2002
16. Girish Nath Jha, The Unicode Standard for Indian Languages, attended this meeting for evolving standards for Unicode representation for Indian languages, July 25, Electronics Niketan, Delhi
17. Ram Nath Jha, Participated in a workshop to develop Dictionary of Educational Terms Used in Ancient Educational System organized by NCERT, New Delhi from 29 April, 2002 to 3 May, 2002.
18. Ram Nath Jha, Participated in a workshop to develop Instructional Material for class XI & XIIth (History of Scientific Writings in Sanskrit literature), organized by NCERT, New Delhi from 24 - 28 May, 2002.
19. Ram Nath Jha, Participated in a workshop to develop Instructional Material for class XI&XIIth (History of Scientific Writings in Sanskrit Literature), organized by NCERT, New Delhi from 26 - 31 August, 2002.
20. Ram Nath Jha, Participated in a workshop for Lesson Writing at secondary level organized by

National Open School, New Delhi from 16 - 18 September, 2002.

21. Ram Nath Jha, Participated in a workshop to develop Instructional Material for class XI&XII (History of Scientific Writings in Sanskrit Literature), organized by NCERT, New Delhi from 19 - 23, September, 2002.
22. Ram Nath Jha, Participated in a workshop for Lesson Writing at secondary level organized by National Open School, New Delhi from 11- 12 November, 2002
23. Ram Nath Jha, Participated in a workshop to develop Instructional Material in Sanskrit for class X organized by NCERT, New Delhi from 18 Nov. - 23 Dec., 2002.
24. Ram Nath Jha, Participated in a workshop to develop Instructional Material in Sanskrit for class VII organized by NCERT, New Delhi on 25 November and 27-30 November, 2002.
25. Ram Nath Jha, Participated in a workshop to Review Lessons in Sanskrit organized by National Open School, New Delhi
26. Ram Nath Jha, Participated in a workshop to Review and Finalize the Manuscript of Sanskrit Grammar for class IX &X organized by NCERT, New Delhi from 23 - 25 Dec., 2002.
27. Ram Nath Jha, Participated in a workshop to Finalize the Manuscript of Scientific Writings in Sanskrit Literature organized by NCERT, New Delhi from 26 Dec. 2002 - 3 Jan., 2003.
28. Ram Nath Jha, Participated in a workshop to Finalize the Manuscript of History of Scientific Writings in Sanskrit Literature organized by NCERT, New Delhi from 6 - 13 January, 2003.
29. Ram Nath Jha, Participated in a workshop to Finalize the Manuscript of History of Scientific Writings in Sanskrit Literature organized by NCERT, New Delhi from 15 - 17 Jan., 2003.
30. Ram Nath Jha, Participated in a workshop to Review ODES (On Demand Examination System) Question Items Analysis in Sanskrit organized by National Open School, New Delhi from 20 - 22 Jan., 2003.
31. Ram Nath Jha, Attended the International Conference on Philosophy, Science and Culture held at India Habitat Centre, New Delhi organized by I.C.P.R. from 29 March, 2003 - 1 April, 2003.
32. Santosh Kumar Shukla, Workshop on "Navya Nyaya Language and Methodology" C.S.S./J.N.U. October 1-12, 2002.
33. Santosh Kumar Shukla, Vedic Intellectual Tradition: Modern Context WAVES, Delhi. December 27-28, 2002.
34. Santosh Kumar Shukla, International Conference on Indian Philosophy Science and Culture. ICPR, Delhi. March 29-31, 2003
35. Hari Ram Mishra, Participation in the Workshop on Development of Text book on History of Scientific Writings in Sanskrit organized by NCERT, New Delhi (26 - 31, August, 2003).
36. Hari Ram Mishra, Participation in a national Workshop to finalize the manuscript of Sanskrit Grammar for Class IX and X organized by NCERT, New Delhi (23 - 25. Dec., .2002).
37. Hari Ram Mishra, Participation and presentation in a national seminar on Hindi Bhasha Ki Bauddhica Parampara organized by Centre for Studies in Civilization, New Delhi (November 8-10,2002).
38. Hari Ram Mishra, Participation in National Vedic meet organized by Veda Vidya Pratisthan, Ujjain on 12 November, 2002.
39. Hari Ram Mishra, Participation in National Seminar on the Thoughts and Works of Professor G.C. Pande organized by ICPR, New Delhi. (March 3-5, 2003).
40. Hari Ram Mishra, Attended in International Conference on History of Philosophy, Science and Culture organized By ICPR, New Delhi. (29 March - 1 April, 2003).

XI. FACULTY LECTURES OUTSIDE JNU

1. Shashiprabha Kumar, Delivered two lectures as resource-person at the ICPR sponsored Advanced Workshop on Vedanta-Sutra-Bhashya held at the Academic Centre, Butler Palace, Lucknow on 14 February, 2003
2. Girish Nath Jha, Delivered a series of five lectures on Indian Grammatical Tradition and Computational Linguistics in the Course on Indian Grammatical Tradition, organised by CIIL, Mysore at Punjabi University, Patiala. (Feb, 2003)
3. Santosh Kumar Shukla, Two Lectures on "Dharma Shastra Ki Parampara", Sarvabhauma Sanskrit Prachar Sansthanam Varanasi. March 1, 2003.
4. Santosh Kumar Shukla, Six Lectures on "Sanskrit Language Teaching Methodology". Seth M.R. Jaipuria School, Lucknow. March 14-16, 2003

XII. VISITORS TO THE CENTRE

1. Dr. Karan Singh, Chancellor, JNU
2. Prof. G.K. Chaddha, Vice-Chancellor, JNU
3. Prof. Balveer Arora, Rector I, JNU
4. Prof. R.K. Saxena, Rector II, JNU
5. Prof. Rewaprasad Dwivedi, BHU
6. Prof. N. Veezhinathan, Madras University
7. Prof. Ashok Aklujkar, Canada
8. Prof. K.K. Chaturvedi, Ujjain
9. Prof. T.S. Rukmani, Canada
10. Prof. Laxmi Thatachar, Mysore
11. Prof. Sesagiri Rao, Mysore
12. Prof. Yugal Kishore Misra, S.S.V.V. Varanasi
13. Prof. Srinarayana Misra, BHU
14. Prof. George Anca, Univ. of Romania

XIII. SEMINARS/CONFERENCES/LECTURES ORGANISED BY THE CENTRE

1. A Workshop in collaboration with NCERT to develop instructional material for class XI & XII History of Scientific Writing in Sanskrit Literature at CSS, JNU from 26 - 31Aug., 2002.
2. A Special Lecture on Sanskrit Poetics by Professor Rewaprasad Dwivedi on 20 Feb.2003.
3. A Special Lecture on Advaita Vedanta by Professor N. Veezhinathan on 27 Feb.2003.
4. A Special Lecture on Indological Studies in Romania by Professor George Anca on 28 March, 2003

XIV. AWARDS/PRIZES/HONOURS/FELLOWSHIPS RECEIVED BY THE FACULTY MEMBERS

NIL

XV. MEMBERSHIP OF BOARDS/COMMITTEES:

1. Shashiprabha Kumar, Member, Academic Council, JNU.
2. Shashipraha Kumar, Member, JNU Court
3. Shashiprabha Kumar, Member, Subject Expert, RDC. GKU, Hardwar.
4. Shashiprabha Kumar, Founder and Managing Trustee, NIHSHREYASA, a private trust dedicated to propagation of Indian Philosophy and Culture.
5. Rajnish Kumar Mishra, Member of 'Special Committee' of Special Centre for Sanskrit Studies constituted by the JNU.
6. Rajnish Kumar Mishra, Member of the Academic Council, JNU
7. Rajnish Kumar Mishra, Member of JNU Court.
8. Ram Nath Jha, Special Invitee in the 'Special Committee' of Special Centre for Sanskrit Studies constituted by the JNU.
9. Santosh Kumar Shukla, Member Special Committee for Centre for Sanskrit Studies, JNU.
10. Santosh Kumar Shukla, Founder, The Sanskrit Society of India, New Delhi.
11. Hari Ram Mishra, Member of Special Committee of Special Centre for Sanskrit Studies constituted by the JNU.

XVI. ACHIEVEMENTS OF THE STUDENTS :

1. Rashtriya Sanskrit Sansthan Scholarship to Sudhir Kumar Mishra, Ph.D. Student of the Centre.

XVII. ANY OTHER INFORMATION :

1. Shashiprabha Kumar, Co-supervisor of a Ph.D. student Mr. Jaiprakash Tiwari of Philosophy Department, Delhi University
2. Shashiprabha Kumar, Co-supervisor of a Ph.D. student Mr. Farah Mohammed of Philosophy Department, Delhi University
3. Shashiprabha Kumar, Co-supervisor of a Ph.D. student Km Raj Kiresh Sanskrit Department, Delhi University.
4. Shashiprabha Kumar, Co-supervisor of a post doctoral fellow of ICSSR, Mr. Kamal Kishore Mishra, NewDelhi.
5. Rajnish Kumar Mishra, Examiner of M.Tech. dissertation (in Computer) titled "A Phonetic Based Encoding for Indic Scripts" (Dec. 2002) submitted by Mr. Amitabh Trehan, Dept. of Math. , IIT, New Delhi.
6. Rajnish Kumar Mishra, Co-supervisor of a Ph.D. student Mr. Vasant Kr. Singh of Centre of Spanish Studies, SLL&CS, JNU.
7. Girish Nath Jha, Co-supervisor of a Ph.D. student Ainura Asamidinova, Centre of Linguistics & English, SLL&CS, JNU on her Machine Translation research

8. Girish Nath Jha, Helping Deepa Gupta, a Ph.D. student from IIT Delhi for her research on Machine Translation
9. Girish Nath Jha, Supervising Sudhir Mishra, a Ph.D. students from the Sanskrit Centre on his Ph.D. synopsis on Sanskrit Computational Linguistics
10. Girish Nath Jha, Supervising Chandrashekhar, a Ph.D. students from the Sanskrit Centre on his Ph.D. synopsis on Sanskrit Computational Linguistic.
11. Girish Nath Jha, Invited by IIIT, Hyderabad to present my work and explore possibility of working together.
12. Santosh Kumar Shukla, Sahayaka Sampadak, "Samkalin Abhivyakti" Delhi.
- 13 Hari Ram Mishra, Delivered special lecture on Vedokhilo Dharmamulam as special guest in national Vedic meet organised by Veda Vidy`a Pratishthan, Ujjain, on 12 November 2002.

13. Centre for Molecular Medicine

The University Grants Commission in its 9th Plan recommendations has agreed to set up a Special Centre for Molecular Medicine (SCMM). The purpose of the SCMM is to foster research in the field of molecular and cell biology with direct application to the study of human disease. The format of the SCMM center is a new concept that had not been attempted before at least in our country.

Recent advances in molecular and cell biology have enormous potential for medical research and practice. So far, they have been most successfully exploited for determining the causes of genetic diseases and how to control them. However, it is clear that recombinant DNA technology will find applications in almost every branch of medical practice. It is revolutionising cancer research, has spawned a biotechnology industry that is already producing a wide range of diagnostic and therapeutic agents and, in the longer term, promises to play a major role in clarifying the causes of some of the unsolved mysteries of modern medicine: heart disease, hypertension, major psychiatric illness, rheumatic disease and many others. It also help to gain insights into broader aspects of human biology, including development, ageing and evolution.

The Jawaharlal Nehru University has emerged as a leading research and training centre for the core sciences, which include biotechnology and related areas over the last few decades. There are a number of research groups, which have contributed significantly to research and teaching programs in the areas of molecular cell biology along with inter-disciplinary areas such as, bioinformatics and computer sciences, environmental sciences and physical sciences. Modern medicine has benefitted greatly from interdisciplinary application of all these areas and much of the recent advances can be directly attributed to the inputs obtained from traditionally non-medical areas. The Jawaharlal Nehru University would like to take a leadership role in designing and implementing a comprehensive approach that would target new research programs and teaching in Molecular Medicine. The major emphasis in the new area would be the multidirectional flow of information between the laboratory, the field and the clinical arena leading to the translation of basic discoveries into clinical innovation, which we believe will change the impact of disease on our society.

I. THRUST AREAS AND PERSPECTIVE PLAN

SCMM does not emphasize on a particular theme but simply encourage high quality science in the following areas:

Infectious Diseases, AIDS and secondary infections, Metabolic Disorders, Molecular Endocrinology, Diagnostics, Cardiovascular Diseases, Reproductive Health

II. NATURE OF COLLABORATIVE ARRANGEMENTS OF CENTRE

- AIIMS, GB Pant Hospital, Safdarjung Hospital/Institute of Pathology

III. REVISION OF EXISTING COURSES AND INSTITUTION OF NEW COURSES AND PROGRAMMES OF STUDIES

- M.Phil/Ph.D Programme

IV. SPECIAL REMEDIAL COURSES FOR SC/ST AND OTHER ACADEMICALLY WEAK STUDENTS

Nil

V. PUBLICATIONS

Books

Nil

Chapters Contributed to Books

Nil

Articles

1. Seshadri V, Fox PL and C. K. Mukhopadhyay (2002) "Dual role of insulin in transcriptional regulation of the acute phase reactant ceruloplasmin," Journal of Biological Chemistry.
2. S.K. Dhar, Mondal, N., Soni, R.K., and Mukhopadhyay, G. A "35 kDa polypeptide from baculovirus infected insect cells binds to yeast ACS like elements in the presence of ATP," BMC Biochemistry 2002.
3. S.K. Dhar, Soni R. K., Das, B. K. and Mukhopadhyay, G. (2003) "Molecular Mechanism of Action of Major Helicobacter pylori Virulence Factors," Molecular and Cellular Biochemistry.
4. Wohlschlegel, J.A., Dutta, A. and S.K. Dhar "Origin Recognition Complex and the Initiation of DNA

Replication," Chemtracts: Biochemistry and Molecular Biology , 2002.

5. Archana Bharadwaj, Ilora Ghosh, Aniruddha Sengupta, Trevor G. Cooper, Gerhard F. Weinbauer, Martin H. Brinkworth, Eberhard Nieschlag and K. Datta. "Stage specific expression of proprotein form of hyaluronan binding protein 1 (HABP1) during spermatogenesis in rat," Mol Reprod Dev.(2002).
6. R.K. Tyagi, (2003) "Dynamics of subcellular compartmentalization of steroid receptors in living cells as a strategic screening method to determine the biological impact of suspected endocrine disruptors," Medical Hypotheses.
7. Jha, B.K., Salunke D.M. and K. Datta, "Structural flexibility of multifunctional HABP1 may be important for its binding to different ligand," J. Biol. Chem. EUPB, Ms. No. M2:06696, (2003).
8. Meenakshi, J., Anupama, Goswami, S.K. and K. Datta, "Constitutive expression of Hyaluronan Binding Protein 1 (HABP1/p32/gC1qR) in normal fibroblast cells perturbs its growth characteristics and induces apoptosis," Biochem. Biophys. Res. Commun. 300(3),(2003).
9. Ghosh, I. and K. Datta, "Sperm surface hyaluronan binding protein (HABP11) interacts with zona pellucida of water buffalo (bubalus bubalis) through its clustered mannose residues," Mol. Rep. Dev. 64(2),(2003).

VI. RESEARCH PROJECTS (SPONSORED)

1. R. K. Tygi, investigation into androgen-independent activation of androgen receptor in prostate cancer. Principal Investigator: Sponsored by Indian Council of Medical Research (ICMR).
2. C. K. Mukhopadhyay, A Study on the Molecular Mechanism of Insulin-induced activation of Hypoxia-Inducible Factor-1, the Master Regulator of Oxygen Homeostasis. Principal Investigator: Sponsored by Department of Biotechnology (DBT).
3. Studies on the functional aspect of human hyaluronan binding protein (HABP1), by manipulating its expression in cell-lines and mice. Sponsored by Department of Biotechnology (DBT).

VII. RESEARCH PROJECTS ONGOING (SPONSORED)

1. Nuclear programme to develop infectious disease component of molecular medicine at JNU, Prof. Asis Datta, Prof. R. Prasad & Prof. A. Bhattacharya (Adjunct faculty SCMM), sponsored by Department of Biotechnology, New Delhi.
2. Molecular biotyping, epidemiology and fungal susceptibilities of opportunistic human pathogenic fungi, Prof. R. Prasad, SLS-SCMM, Dr. G. Mukhopadhyay, SCMM & Dr. Uma Benerjee, AIIMS, New Delhi sponsored by ICMR New Delhi.
3. Functional Characterization of Replication Proteins & Replication Origin (ori c) of Helicobacter pylori: potential targets for therapy. Dr. S.K. Dhar, SCMM, Sponsored by University Potential for Excellence Scheme, JNU.
4. Functional Characterization of Replication Origin(ori c) & Replication Proteins of Helicobacter pylori. Dr. S.K. Dhar, SCMM, Sponsored by CSIR

VIII. RESEARCH PROJECTS ONGOING (UN-SPONSORED)

Nil

IX. FACULTY PARTICIPATION IN CONFERENCES OUTSIDE INDIA

Nil

X. FACULTY PARTICIPATION IN CONFERENCES IN INDIA

1. Rakesh K. Tyagi: invited lecture "Inhibition of transcriptional activity of androgen receptor by endocrine disruptors" in 6th National symposium on 'Transcriptional Assembly' October 22 & 23 2002, SLS/SCMM/JNU, New Delhi.
2. Chinmay K. Mukhopadhyay: invited lecture "Dual regulation of acute phase reactant ceruloplasmin transcription by insulin in hepatic cells" in 6th National symposium on 'Transcriptional Assembly' October 22 & 23 2002, SLS/SCMM/JNU, New Delhi.
3. Rajendra Prasad: invited lecture "Emerging regulatory circuits of MDR genes of a human pathogenic yeast: Ups and downs of CDR1." in 6th National symposium on 'Transcriptional Assembly' October 22 & 23 2002, SLS/SCMM/JNU, New Delhi.
4. Kasturi Datta: invited lecture "Transcriptional activation on HBP-1 promoter by SP-1 and cAMP" in 6th National symposium on 'Transcriptional Assembly' October 22 & 23 2002, SLS/SCMM/JNU, New Delhi.
5. Kasturi Datta: Presidential Address: "Environmental stimuli and cell-signalling: A perspective of the human gene encoding Hyaluronan Binding Protein 1", Indian Association of Science Congress, Bangalore
6. Shyamal K. Goswami: invited lecture "The AP-1 family, a paradoxical paradigm." in 6th National symposium on 'Transcriptional Assembly' October 22 & 23 2002, SLS/SCMM/JNU, New Delhi.
7. Kasturi Datta: invited lecture "Assigning biological function to hyaluronan binding protein 1 (HABP1), a multiligand protein located on human chromosome 17 January 7 - 12, 2003, Bangalore
8. Kasturi Datta: Presidential Address: "Environmental stimuli and cell-signalling: A perspective of the human gene encoding Hyaluronan Binding Protein 1", Indian Association of Science Congress, Bangalore
9. Rajendra Prasad: invited lecture in "Yeast 2003" at Institute of Microbial Technology (IMTech), Chandigarh on 20- 22 Feb., 2003 "Lipid as modulators of drug resistance in yeasts".
10. Rajendra Prasad: invited lecture "Molecular Basis of Antifungal Resistance". participated in "INDO-US Workshop & National Congress on Molecular Biology & Biotechnological Symbiosis" at Jawaharlal Nehru University, New Delhi on March, 2003

XI. FACULTY LECTURES OUTSIDE JNU

1. Rajendra Prasad - invited PLENARY LECTURE at 28th Annual Meeting of Young Scientists & Symposium on "Trends in Molecular Medicine", 7 September, 2002 at Indian Council of Medical Research, New Delhi.
2. Rajendra Prasad - Invited Speaker in "Recent developments in fungal diseases: Aspergillosis" at Patel Chest Institute, New Delhi (Title of the Lecture: Drug resistance genes in *C. albicans*) on 4 Dec., 2002.
3. Rajendra Prasad - Invited Speaker in "Yeast 2003" at Institute of Microbial Technology (IMTech), Chandigarh on 20- 22 Feb., 2003 "Lipid as modulators of drug resistance in yeasts".
4. Rajendra Prasad - Invited Speaker at Department of Biosciences, Jamia Millia Islamia, on 10 March' 2003 "Multiple Drug Resistance: From Microbes To Man".

5. Chinmay K. Mukhopadhyay, "Role of ceruloplasmin in iron homeostasis: an irony of a copper protein" GB Pant Hospital, New Delhi 2003.
6. Kasturi Datta, "Hyaluronan binding protein (HABP1): a tool in understanding spermatogenesis and male infertility", Prof. MRN Prasad Lecture Award, INSA, Pune University, Pune.

XII. VISITORS TO THE CENTRE

1. Dr. Neeti Sinha, National Cancer Institute at Frederick, USA, Protein Flexibilities: Implications for Folding, Binding and function, 27 November'2002.
2. Dr. Dipankar Ghosh, Department of Immunology, The Cleveland Clinic Foundation, Ohio, USA. The First Line of Defence: The critical role of defensins in mammalian innate immunity. 3 December, 2002.
3. Dr. Suman Mukhopadhyay, Centre for Biosystem Research, University of Maryland & Virginia Tech., USA, A Functional Genomic Approach to understand Bacterial Adaptive Response. 2 January'2003.
4. Dr. Vincent C. Hascall, Head, Section of Musculo Skeltal Biology, Department of Biomedical Engineering, Lerner Research Institute, Cleaveland, USA. Glycosaminoglycans FACE the future. 9 January'2003.
5. UGC team headed by Prof. S.C. Lakhotia visited SCMM.
6. Prof. N.K. Ganguly, G. Padmanaban, Ashok Shah VP Chest during the 2nd Symposium on "Frontiers in Molecular Medicine", February 10-11, 2003 at Special Centre for Molecular Medicine, JNU, New Delhi

XII. SEMINARS/CONFERENCES ORGANIZED BY THE CENTRE

1. National symposium on 'Sixth Transcriptional Assembly' October 22 & 23 2002, New Delhi, at School of Life Sciences & Special Centre for Molecular Medicine, JNU, New Delhi
2. 2nd Symposium on "Frontiers in Molecular Medicine", February 10-11, 2003 at Special Centre for Molecular Medicine, JNU, New Delhi

XIII. AWARDS/PRIZES/HONOURS/FELOWSHIPS RECEIVED BY THE FACULTY MEMBERS

1. Kasturi Datta, Fellow, Third World Academy of Sciences, Trieste, Italy
2. Kasturi Datta, Dr. Darshan Ranganathan Memorial Lecture (2003), INSA

XIV. MEMBERSHIP OF BOARDS/COMMITTEES

1. G. Mukhopadhyay, Member , Academic Council, JNU, New Delhi.
2. G. Mukhopadhyay, Member University Court of Jawaharlal Nehru University, New Delhi.
3. Rakesh K. Tyagi, Member Academic Council, JNU
4. Rakesh K. Tyagi, Member University Court of Jawaharlal Nehru University, New Delhi.
5. Rakesh K. Tyagi, Member, PhD interview board, National Centre for Plant Genome Research (NCPGR), New Delhi.

XV. ACHIEVEMENTS OF THE STUDENTS

1. Nivedita Gupta, ICMR-SRF Fellowship
2. Nivedita Gupta participated in the Yeast Meeting 2003, held at Chandigarh, 20-22 Feb., 2003.
3. Manveen Kaur Gupta, CSIR-SRF Fellowship
4. Rajesh K. Soni, CSIR-SRF Fellowship
5. Vandana Kumari Singh, CSIR-JRF Fellowship

XVI. ANY OTHER INFORMATION

Summer Training to the students

1. Mr. Sanjay Kumar. "Navigating components of the nuclear import machinery involved in nuclear translocation of steroid receptors exit the nucleus via exportin/CRM-1 independent pathway". (R.K. Tyagi)
2. Mr. Alok Malviya. "Functional characterization of Helicobacter pylori replication protein DnaB". (G. Mukhopadhyay)
3. Ms. Kalpana Singh. "Preparation of a cell line stably expressing green fluorescent protein tagged androgen receptor: its application in screening of agonists and antagonist". (R.K. Tyagi)
4. Mr. Arvind Singh and Mr. Dicto Jose- Post M.Sc. training: "A Study on the Molecular Mechanism of Insulin-induced Activation of Hypoxia-Inducible Factor-1, the Master Regulator of Oxygen Homeostasis" (C.K. Mukhopadhyay)

CHAPTER - 5

Academic Staff College (ASC)

The Academic Staff College at Jawaharlal Nehru University was established in the year 1989. The College has been conducting subject specific Refresher Courses in the disciplines of Political Science, International Relations, Economics, History, Computer Applications, Sociology, Life Sciences, Environmental Sciences, Physics & Biotechnology as well as Orientation Courses in the Social and Natural Sciences.

The main objective of the ASC is to update university and college teachers with the contemporary debates and discourses in their disciplines as well as to bring about their overall intellectual upgradation. They are stimulated to acquire the capacity to think and reflect on disciplinary issues and on contemporary problems.

The Refresher Courses are organised for the lecturers who have acquired a minimum of two years teaching experience or have already done an Orientation Course to update their knowledge for better teaching or research.

The Orientation Courses are organised for lecturers who have less than six years of teaching experience. Their Objective is to inculcate an awareness of the social and historical contexts of the challenges facing higher education in India today. The participants are equipped with a set of understandings and skills, which would help them to become better teachers. Multi-disciplinary approaches are emphasized and the relation between academics and Indian society is sought to be strengthened.

An introduction to the use of computers and internet is given to participants of all courses. An ASC web page has been set up. Participants are given free boarding and lodging.

Resource persons are drawn from JNU as well as from other premier institutions in and around Delhi. Resource persons are paid a token honorarium and conveyance charges as per the UGC norms.

The College has an Advisory Committee comprising of Deans and Chairpersons of the concerned Schools/ Centres, the Rector and two external members, chaired by the Vice-Chancellor.

The College organised 18 Courses (14 Refresher and 4 Orientation Programmes) during 2002-2003 and participants were drawn from all over the country for all programmes.

The details of the programmes are conducted given below:

Orientation Programmes:

1. 42nd OC (Social Sciences) - April 8 to May 3, 2002
2. 43rd OC (Natural Sciences) - July 15 to August 9, 2002
3. 44th OC (Social Sciences) - Oct. 14 to Nov. 8, 2002
4. 45th OC (Natural Sciences) - Nov. 18 to Dec. 13, 2002

Refresher Courses:

1. 6th RC in Biotechnology - April 8 to May 3, 2002
2. 23rd RC in Sociology - July 15 to August 9, 2002
3. 27th RC in Economics - August 12 to Sept. 6, 2002
4. 9th RC in Computer Science - August 12 to September 6, 2002
5. 18th RC in History - Sept. 16 to Oct. 11, 2002
6. 5th RC in International Relations - Sept. 16 to Oct. 11, 2002
7. 27th RC in Political Science - Oct. 14 to Nov. 8, 2002
8. 24th RC in Sociology - Nov. 18 to Dec. 13, 2002
9. 28th RC in Economics - Dec. 30, 2002 to Jan. 24, 2003
10. 8th RC in Life Sciences - Dec. 30, 2002 to Jan. 24, 2003
11. 19th RC in History - Jan. 27 to Feb. 21, 2003
12. 4th RC in Physics - Jan. 27 to Feb. 21, 2003
13. 28th RC in Political Sciences - March 4 to 29, 2003
14. 8th RC in Environmental Science - March 4 to 29, 2003

Senior faculty members act as Course Coordinators for the courses organized by the College. The JNU provides the bulk of the resource persons though resource persons are also drawn from other prestigious institutions in and around Delhi, particularly those situated in the JNU Campus itself.

CHAPTER - 6

STUDENTS' ACTIVITIES

I. STUDENT'S STRENGTH

The total number of students admitted for the academic year 2002-2003 and the students on the rolls of the University as on 1.9.2002 were as follows:

Statement showing the number of Students (School/Centre-wise) admitted for the Academic year 2002-2003.

A. M.PHIL/PH.D., M.TECH/PH.D., MCH/DIRECT PH.D.

School	General	SC	ST	PH	Total
-School of International Studies	79	18	14	01	112
-School of Social Sciences	139	32	21	05	197
-School of Language, Lit. And Culture Studies	91	09	07	01	108
-School of Life Sciences	20	06	-	01	27
-School of Computer & Systems Sciences	14	02	03	01	20
-School of Environmental Sciences	15	-	03	01	19
-School of Physical Sciences	09	-	01	-	10
-Centre for Biotechnology	04	02	-	-	06
Total	371	69	49	10	499

B. M.A./M.SC./MCA

School	General	SC	ST	PH	Total
-School of International Studies	62	07	10	01	80
-School of Social Sciences	166	47	33	08	254
-School of Language, Lit. and Culture Studies	77	09	05	04	95
-School of Life Sciences	17	04	01	01	23

-School of Computer & Systems Sciences	23	05	01	03	32
-School of Environmental Sciences	11	02	-	-	13
-School of Physical Sciences	14	01	-	-	15
Total	370	75	50	17	512

C. B.A. (HONS.)

School	General	SC ST	PH	Total	
School of Language, Lit. And Culture Studies	168	30	13	07	218

D. TOTAL FIGURES OF STUDENTS AT GLANCE

PROGRAMME	GENERAL	SC/ST	PH	FN	TOTAL
-M.Phil/Ph.D.,M.Tech/Ph.D., MCH/Direct Ph.D.	1994	485	46	86	2611
-MA/M.Sc./MCA	1029	280	42	45	1396
-B.A.	448	83	11	22	564
- PG in Bioinformatics	10	01	01	-	12
otal	3481	849	100	153	4583

T

E. COUNTRY-WISE BREAK UP OF FOREIGN NATIONAL STUDENTS PURSUING FULL TIME PROGRAMME OF STUDY

BANGLADESH	07	TAJKISTAN	02
JAPAN	02	TRINIDAD	01

ZAMBIA	01	THAILAND	04
VIETNAM	04	BELGIUM	01
YEMEN	02	PLASTINE	01
KRYGISTAN	01	LOAS	01
IRAN	06	AFGHANISTAN	01
KOREA	16	FRANCE	02
USA	01	CANADA	01
NEPAL	09	ROMANIA	02
AREMNIA	01	INDONESIA	01
SRILANKA	01		

TOTAL = 68

F. PART TIME PROGRAMME (SCHOOL OF LANGUAGE, LITERATURE & CULTURE STUDIES)

PROGRAMME	GENERAL	SC	ST	PH	TOTAL
COP	117	23	08	04	153
DOP	15	04	02	-	21
ADOP	37	01	-	01	39
TOTAL	169	28	10	05	213

ABBREVIATIONS:

- SC # SCHEDULED CASTE
- ST # SCHEDULED TRIBE
- FN # FOREIGN NATIONAL
- PH # PHYSICALLY HANDICAPPED

II. HALLS OF RESIDENCE

The strength in thirteen hostels and one Married Research Scholars hostel of the University during the period under report was 3699. These figures include SC/ST/PH and foreign nationals. The residents of the hostels continued to participate in hostel and mess management in accordance with the provisions contained in the Hostel Manual approved by the Executive Council of the University. The hostel as well as mess dues are being recovered regularly from the hostel residences in accordance with the rules.

A sum of Rs. 2,22,766.00 was disbursed to needy students out of the Students-Aid-Fund during the period from 1.4.2002 to 31.3.2003.

Hostel-wise students strength and the number of students allotted hostel accommodation during the period under report was as under:

Name of the Hostel	No. of Seats	Number of fresh students allotted D u r i n g 1 . 4 . 2 0 0 2 - 3 1 . 3 . 2 0 0 3
Kaveri	294	074
Periyar	306	102
Sutlej	294	092
Jhelum	280	078
Narmada	202	079
Ganga	300	108
Godavaari	317	089
Sabarmati(Boys) }	126	054
Sabarmati (Girls) }	138	053
Tapti (Girls) }	168	072
Tapti (Boys) }	226	075
Brahmaputra	384	050
Mahi	200	108
Mandavi	200	078
MRSH	065	010
Yamuna *	199	103
Grand Total	3699	1225

* Working Women Hostel

III. SPORTS ACTIVITIES

The Sports Stadium remains a favourite place not only for sports enthusiasts, but also for casual users who frequent the area for leisure walks and jogs. The sports office takes special care to provide the facilities in the best possible manner. The students enjoy the games, be it official or friendly and keep the complex lively.

The Sports activities for 2002-2003 started from the month of March-April 2002 with Kamala Kumari, a student of SIS and Convener of of the Mountaineering & Trekking Club in 2001-2002 attending and successfully completing a 20-day Search & Rescue Course conducted by the Nehru Institute of Mountaineering, Uttarkashi. From 12-20 May the mountaineering & Trekking Club conducted its summer program to

Kalpeshwar-Rudranath in the Garhwal Region of Uttaranchal, which was successfully completed by 13 students.

The 2nd six-weeks Certificate Course in Yoga was conducted from 15 May to 30 June, 02. The Yoga Kendra is being run under a special scheme of UGC. This course is based on the pattern and syllabus as defined by the SYMS, Kaivalyadham, Lonavla, which is one of the premier institute for Yoga in the country. A total of 26 students applied for the course. However, the admission was restricted to 22, because of limited facilities. A total of 20 students successfully completed the course for which certificate presentation was done on July 10, 2002 by the Vice-Chancellor, Prof.G.K.Chadha.

The Yoga Kendra which has a membership of over 500 conducted its annual competition on Aug 26, 2002 in which 35 participants competed in four categories- below & + 40 for men & women. In Aug-Sept the Mountaineering club also conducted its 13-day autumn Trek in Himanchal Pradesh for 15 students.

The School of Language, Literature and Culture Studies organized its annual festival 'KALLOL' in Aug-Sept. which had all the indoor and outdoor games competed amongst by the Centers. The competitions were conducted in Cricket, Football, Volleyball, Kabbadi, Chess, Carrom, Table-Tennis & Badminton.

The Yoga Kendra conducted a 3-day 'Pranayam' program from 25 to 27 Sept which was attended by 67 Yoga students. This was followed by a 5-day 'Meditation' Program from 23-28 Oct which was attended by 66 participant.

The Volleyball Club participated in the North-Zone Inter-University Volleyball Competition 2002-2003 which was held in Srinagar, Garhwal in the last week of Oct, 2002. A 12-member team led by the Convener, Mahmood Hafiz Mirza gave a spirited display against Aligarh Muslim University.

Kamala Kumari of SIS successfully completed with 'A' Grade a 20 day 'Method of Instruction Course' at Nehru Institute of Mountaineering in Uttarkashi from Nov 20 to 9 December, 2002.

The Badminton Club participated in the N-Z Inter-University Badminton Competition 2002-2003 and a four member boys team led by the Convener, Praveen Kumar participated in the Championships hosted by Jamia Milia Islamia in Delhi in Dec'02.

The annual competitions in various games for the year 2002-2003 started with the Cricket Club holding its Inter-Hostel matches for boys & girls and Inter-School for Boys from Jan 12 to 6 Feb' 2003. In the meantime, the Yoga Kendra conducted another Meditation Camp from 28-30 Jan'03.

The Badminton Club spread out their various competitions- Inter hostel, Inter-School and individual events - in the month of Feb, 03. The matches were played on the indoor court at the Students Activity Center. The Volleyball Club had their Inter-Hostel and Inter-School matches between 27-31 Jan and 1-4 Feb, 03 respectively.

The Athletic Club organized a Winter Run for Women on 12 Jan and Mini Marathon on 9 Feb before the XXIX Annual Athletic Meet on 15-16 Feb, 2003. It turned out to be a huge success, with 'on the spot'

entries and participation in unlimited events. Nine events for girls and 13 events for boys were conducted besides the inter-school relays. As usual, the events were conducted by the experts in athletics invited from other institutions.

The Weight & Power-lifting Club conducted its annual competitions in Feb-March. The Weight-Lifting events were held on 8 Feb '03 followed by the Power-lifting events on Feb 22' 03. The event of Bench Press and Body Building was held on March 1, 2003. The participation was good including that from girls. Khurram Hafiz of SPS won the 'Best Lifter Award' for all events.

On popular demand a special camp was designed and conducted by the Yoga Kendra namely 'Yoga for working women'. A 2-weeks program specially suited to them was held from 24 Feb to 7 March' 03 during lunch break in the sports complex. The Yoga Kendra also proposes to hold a Stress-Relieving Camp in April followed by the Annual 6-weeks Certificate Course in Yoga in May-June.

A 2-weeks Tennis Coaching camp was conducted from 3 to 14 Feb, 2003 between 3 to 5 p.m. The camp was attended by 12 to 14 girls and 15 to 18 boys. This was followed by the annual competition from 3-8 March. The added events this year was the Inter-School team competitions.

The last events of the year was the Inter-hostel and Inter-School Football competitions which were held from 21 - 27 Feb and 3-10 March, 2003 respectively. Some friendly Football matches were also organized by the member of the Foreign Students Association. with their counter parts in other institutions

IV. UNIVERSITY HEALTH CENTRE

The Health Centre plays an important role for a sick person by providing primary medical care to him, before he reaches to the hospital for specialised medical care. For catering to the medical needs of the students, it was established in 1973 & since then it has been providing comprehensive medical care under one roof in all the aspects such as preventive, curative and educational.

Chief Medical Officer, Dr. S.B. Aggarwal reached the age of superannuating on 30.11.2002. He was given a warm farewell by the VC, DOS and Staff of the Health Centre. Dr. Gautam Patra, MD joined as, the New Chief Medical Officer w.e.f. 9.12.2002.

The Regular and part-time doctors, paramedical staff and other supporting staff provides the services in the OPD from 8 A.M. to 2 P.M. and 4 P.M. to 9 P.M. from Monday to Saturday. Health services are also provided on Gazzetted holidays between 8 A.M. to 2 P.M.

In all 44,393 patients visited at the Health Centre during this year 2002-2003 in morning/evening and Homeo clinic as per details given:-

Total Patients Visited-2002-2003

Morning OPD

Evening OPD

Homeo Clinic

Students	15,512	5,687	3,447
Non-Students	14,054	2,351	1,488
Retired Employees	1,854	-	-

In 1992, when retired employees and their families were extended the medical facility at the Health Centre 283 retired employees got them selves registered till date (approximately 566 benefisries). From 566 benefisries 1854 visits were recorded at the Pharmacy counter from the retired employees who availed services from the Health Centre.

Most of the drug needs of the patients were met by well equipped Pharmacies in Allopathic and Homeopathic medicines. Drugs not available were procured from local chemist and given to the patients with in a very reasonable time.

Ambulance services were provided free of cost to transport the sick person (all residents, students and staff of the JNU) to hospital.

In addition to existing lab., Microbiology lab. was set up during the 2002-2003 in the Health Centre to provide more specialized investigations, During this period investigations for 3374 students, 3205 staff members and 187 retired employees were carried out in the labs.

Lab. Investigations

	Biochemistry	Microbiology	Total
Students	3166	208	3374
Non-Students	2065	140	3205
Retired Employees	169	18	187

Forty cases of physically handicapped students were reviewed at the Health Centre by CMO. Certificates of fitness were issued to 7 members of staff and 5 members of faculty joining the University services.

Prevention of diseases such as Malaria, was also taken up by the Health Centre. Time to time Baygon spraying, Anti larva treatment, breeding of larva in desert coolers was checked by anti malaria staff. There was no out break of any diseases on the campus except 15 cases of Chickenpox, 4 Mumps, 3 Measles and 2 cases of Malaria were reported during the year.

The Health Centre participated in the National Pulse Polio Programme run by Govt. of India Children 0-5 years were immunized on the NIDS. For complete success of the programme house to house teams were despatched on the campus, to immunize any child 0-5 years who may have not been vaccinated on the NID ensuring that no child was left unvaccinated.

Paramedic staff at the Health Centre administered 1000 Injection and 3046 Dressings to the students.

The Health Centre collected total revenue of Rs.1,11,115.00 during the year.

- Registration of Patients (Stationary Charges)	40,245.00	
- Homeopathic Medicines	08,895.00	
- Laboratory Investigations	52,825.00	
- Injections, Dressing, Medical, ECG, (duplicate)	09,150.00	Medical Booklets (Du- plicate)
Total	1,11,115.00	

AIDS Awareness Group working at the Health Centre conducted 3 workshops, and imparted knowledge regarding AIDS to 479 person who came to the Health Centre, Questions boxes were fixed up at the hostels and in the campus to answers any questions regarding HIV/AIDS.

30 F.N. students were physically examined pre test Counseling was done for HIV/AIDS. Their blood sample were tested for HIV/AIDS, all reported negative. Saarthak provides general counselling at the Health Centre through 'Hope' to the person having psychological problems few clients were referred for Psychiatrist help. The Health Centre in collaboration with Delhi AIDS Control Society and Students of Harmony Organized Blood Donation Camps on October, 2002 and in January, 2003 respectively.

For proper disposal of Bio-Medical Waste, Health Centre has given the contract to M/S Synergy which is one of the approved and recommended agency by Delhi Pollution Control Committee (Delhi Govt.). Further Health Centre has also got registered with DPCC as it was mandatory.

Dr. Naveen Gupta, Ophthalmologist resigned due to personal reasons.

Dr. S.P. Garg from AIIMS has since than joined as New Ophthalmologist at the Health Centre.

The Health Centre of the University has been catering to the medical needs of JNU community since 1973 with its full strength. Better services can be provided if Health Centre had more manpower.

V. CULTURAL ACTIVITIES

The Cultural Activities Committee chaired by its Coordinator co-ordinates cultural activities among the student community on the campus.

These activities are promoted through various cultural clubs namely Film, Photo, Drama, Music, UNESCO, Debating, Litrary, Nature & Wile Life and Fine Art. Thus the students are ex-posed to the worlds of literature, performing arts and to the flora and fauna around them. The following cultural events were arranged by the different clubs during the period 1.4.2002 to 31.3.2003.

1. Music Club

The music clubs in collaboration with SPIC MACAY JNU invited from time to time luminaries of Indian classical music/dance to the campus. During the period the following activities were organized.

JNU chapter of SPIC MACAY organized a music concert by Guruji Ammanur Madhava Chakyar & Troupe on dated 15 August 2002 in SSS Auditorium.

Folk dance/Festival 2003 on the republic day 26 January 2003 organized by the students and faculty members in SSS auditorium.

A programme on Classical Music organized on dated 3 October 2002 in Cordination with SPIC MACAY, JNU.

Music clubs has organized a programme as "Karfi Ki Yaad" Main, Surat badalue Ki Ek Kashish on dated 19 August 2002, in SSS auditorium with Litrary club.

A German Play as "Die welle was" organized in Agust 2002 by this club

2. Film Club

The Film Club organised a film show on 6 May 2002 in SSS Auditorium.

The Film Club organised as another programme as screening of some documentaries on 15 September 2002.

3. Photography Club

Photography club organized a slid show "An odyssey with Cansera" by Mr. B. Ashok on dated 27 September 2002.

4. Drama Club

Drama club put up the play "Turka Ka Sapna" on 14 August 2002. This club organized two day long theatre workshop by aminent theatre personalities like Mushtaque Dak, Director, SRC from 19 August 2002.

Drama club organized an interactive session with Habib Tanvir on 31 August 2002 in TV hall Tefla. or An another play organized as "Teesveen Shatabdi" written by Badal Sircar on 29 August 2002, in SSS Auditorium.

Dram Club organized a programme new production "Reech Gaan" written by Jasbir Bhullar and directed by

Mushtaq Kak on 28 February 2003.

5. UNESCO Club

This club organized a programme Essay Competition & Prize distribution on World Science Day i.e. March 2003.

UNESCO & Nature & Wild Life Club with collaboration organized an International Film festival Kalrav-2003 w.e.f. 9 March - 11 March, 2003.

6. Literary Club

This club organized a Literary Competition/Literary talk by the poet Kaifi Azuri on 19 August 2002.

Another programme organized as Kavi Sammelan/Mushaira in the memory of renowned Hindi Poet Dr. Rangaya Raghav on 27 September 2002, well known Hindi and Urdu Poets were also invited.

Literary club organized a "Mine Show" by Jayant Lokesh as Akkarmashi a renowned Marathi Literary creation on 3 weeks October 2002.

Other programme organized as Drama writing competition in December 2002 & January 2003 by this club.

7. Debating Club

Debating club organized a Debating competition for "Kallol 2002" with Nature & Wild Life Club & Fine Art Club w.e.f. 26 August 2002 in collaboration with SLL&CS.

8. Natural & Wild Life Club

This club organized an Inter College Debating competition on 19 August 2002.

Natural & Wild Life Club organized a spot Essay Writing Competition on 31 January 2003.

This club organized screen select films show in the first week of March 2003.

9. Fine Art Club

This club organized a programme a Cartoon Making Competition on 24 August 2002. Various Cultural Programmes were organized in the University utilizing the "Corpus Fund"

- a. The Orissa Sanskritika Parishad, JNU has organized a cultural events (Song, Dance & Play) on the occasion of Utkal Diwas.
- b. SFH organized a programme as Madhurina All India, Folk Songs & Dance Festival on 28 September 2002.
- c. SFH organized an another programme as 6th International Cultural Festival on 18 October 2002.
- d. SFH organized 6th International food Festival on 4 November 2002. Students Participated from 20 Countries.
- e. Workshop/Seminar on Indian & Western, Classical Music were organized by the Centre for German Studies on dated 23 & 24 January 2003.
- f. Blood Donation Camp were organized on the Death Anniversary of Mahatama Gandhi on dated 30 January 2003 by the Students for Harmony.
- g. Folk Dance Festival 2003on Republic Day were organized in the University by Ministry of Tourism & Culture Deptt. of Culture Govt. of India.
- h. A Cultural & Sports Festival "Summit" 2003 organized by the School of International on dated 10h February to 17 February 2003.
- I A Trip to Agra organized by FSA on 2 November 2002.
- j. SFH organized a programme as "Talent" 2003 on dated 13 February to 22 February 2003.
- k. Play "Die Physiker" organized in March 2003 by the Students of the German Centre.

CHAPTER - 7

WELFARE OF WEAKER SECTIONS

The University has a Cell called the SC/ST Cell to ensure the implementation of guidelines issued by the Government of India from time to time. The SC/ST Cell came into being in March 1984. The Cell monitors, evaluates and suggests measures for ensuring effective implementation of the guidelines. It also suggests follow-up measures for achieving the objectives and targets laid down by the Government of India.

The University introduced reservation for SC/ST candidates in recruitment to Group C and D posts in 1975 and Group A and B posts in 1978. The University has also started implementing reservation policy for OBCs in non-teaching posts in Group C and D posts w.e.f. 8.9.1993 and in Group A and B posts from 2.7.1997. The reservation for SC/ST and PH is applicable only up to the level of Assistant Professor and the reservation for OBC in teaching posts upto the level of Asstt. Professor will be introduced after a policy decision is taken by UGC/MHRD.

Based on the policy of the Government of India policy, there is a provision for reservation for SCs/STs in the allotment of houses. Ten per cent houses in categories Type I & II are reserved for SCs/STs and in Type III & IV the reservation is 5%. There is no reservation for SCs/STs in Types V & VI houses.

Reservation of seats for admission to each programme of study is 22.5% i.e. 15% for Scheduled Castes and 7.5% for Scheduled Tribes. The SCs/STs are eligible to take the Entrance Examination of the University (for admission) irrespective of the percentage of marks secured in their qualifying examinations. In the current academic session i.e. 2002-2003, 23.27 percentage of SC/ST students were admitted in various programmes of study.

As regards admission to hostels, 15% seats are reserved for Scheduled Castes and 7.5% for Scheduled Tribes students. In case students belonging to the category for which such accommodation is reserved are not available, the reserved seats are interchangeable among the SCs/STs. The University has constructed 100 rooms hostel for SC Boys and 100-rooms hostel for SC Girls under the centrally sponsored programme of the Ministry of Social Justice & Empowerment. All the SC boys and SC Girl students will get the hostel accommodation.

The University continues to run special remedial courses for SC/ST students to make up for the deficiency of the earlier school/college education of the students coming from weaker sections of society in English and core courses in each School/Centre and the coordinators of each School/Centre also identify students who need personalised remedial assistance.

During the period under report, the University devised a special scheme for SC/ST and economically weaker sections of society to help prepare them for entrance test for admission to various programmes of study at JNU. Under the scheme, a nucleus has been set up to provide guidance, information and assistance including financial help to SC/ST candidates for entrance examinations of JNU. A faculty advisor has also been appointed for SC/ST students. In fact, it is precisely due to the continued efforts made by the University in this direction that the University was successful in nearly fulfilling its commitments regarding intake of candidates belonging to weaker sections.

EQUAL OPPORTUNITY OFFICE

The University has on its own set up an office called "Equal Opportunity Office. This office is perhaps the first of its kind in universities in India. The following are its objectives:

- to devise suitable programmes/schemes including 'Remedial Courses' with a purpose to assist the SC/ST/PH students to further improve their academic performance at the undergraduate, postgraduate, M.Phil/Ph.D. levels and also supervise the implementation of the programmes/schemes;
- to establish coordination with the Government and other funding agencies to mobilise financial and other academic resources to provide assistance to the Dalit Students in the University;
- to provide information and act as Counselling Centre with respect to academic, financial and other matters;
- to help create socially congenial atmosphere for the growth of healthy interpersonal relations among students coming from various social background;
- to help develop helpful inter-personal relationship between teachers and Dalit students for academic interaction; and
- to oversee and help Dalit Students to overcome problems relating to discrimination, if any.

Remedial Coaching: The Remedial coaching scheme was offered in English and core subjects separately. The Office has requested all Chairpersons of Centre of study and Deans of School of study to nominate a co-coordinator for remedial scheme and the co-coordinators have to identify students who need remedial assistance and will arrange additional academic assistance through personalized remedial assistance. The scheme has such teaching aids such as TV, VCR, Computer, Photocopy Machine and Recorder.

This office has also undertaken a UGC- sponsored project entitled, "Higher Education For Persons (disabled) with Special Needs (HEPSN). The objectives of this venture are:

- Create awareness among functionaries of Higher Education about specific educational needs of persons with disabilities.
- Equip the institution with facilities to provide access to disabled persons.
- Assist disabled individuals to increase their sustainability in higher education.
- Explore possibilities for suitable placement for disabled graduates.

Ramps: In order to provide for better mobility and to make the University campus disabled persons - friendly, the University has constructed 20 ramps in its buildings. The University has planned to construct more ramps in the buildings so that the physically challenged peoples will have free mobility in the campus.

Representation of SC/STs and PH in Non-Teaching posts (as on 31.3.2003)

Group	Total	SC	ST	PH	OBC
Position					
A	65	14	01	-	01
B	175	21	03	01	-
C	503	87	12	01	-
D	441	116	14	04	14
Safai-Karamchari	123	123	-	-	-

Representation of SC/STs and PH in Teaching posts (as on 31.3.2003)

	Total	SC	ST	PH
Position				
Professor	194	04	01	-
Associate Professor	120	02	02	-
Assistant Professor	73	10	03	02

CHAPTER - 8

UNIVERSITY ADMINISTRATION

The annual meeting of the JNU Court, the supreme authority of the University, was held on 5 February, 2003 under the Chairmanship of the Chancellor, Dr Karan Singh. It received the Report on working of the University and audited statements of Receipts and Expenditure as well as the Balance sheet of the University for 2002-2003. The Non-Plan Maintenance Budget of the University was also presented.

The Executive Council of the University met 03 times during the period. In its meeting held on 3.6.2002, 25.7.2002 and 22.1.2003, the Executive Council deliberated upon a number of agenda items and took important decisions on administrative matters.

The Academic Council had its meetings on 11.9.2002 and 8.1.2003 and took important decisions including those to be placed before the Executive Council. The Finance Committee at its meeting on 17.2.2003 approved Revised Estimates for 2002-2003 and Budget Estimates of the University for 2003-2004 and some other important financial matters.

A number of Selection Committee meetings were convened for recruitment of teaching and non-teaching staff during the period under report. 07 teaching appointments were made during this period Professors 01, Associate Professors 02 and Assistant Professors 04 .

A total of 41 teachers were granted Sabbatical Leave/EOL/Study Leave or Extension of Leave. They proceeded on leave for various purposes to complete their doctoral research/accept employment/fellowships elsewhere, etc. 03 teachers were re-employed or given extension in their re-employment during the period.

A total of 11 faculty members retired from the services of the University during the period.

ESTATE BRANCH

Six meetings of the House Allotment Committee (HAC) and three meetings of House Allotment Committee (PDF) and Ten meetings of Campus Development Committee were held during the period under report.

Although no new houses were constructed during the period under review, vacant houses were allotted to the eligible faculty and other staff members by the House Allotment Committee (HAC).

The following buildings/Post Doctoral Fellows Hostel were taken over by the Estate Branch during the period under report.

- i) Centre for the Studies of Law and Governance
- ii) School of Arts and Aesthetics
- iii) Post Doctoral Fellows Hostel (18Numbers)

The following Canteens/Shops were allotted to the fresh candidates during the period:

- | | |
|------------------------------------|--|
| 1. SSS-II Building Canteen | 2. SPS Building Canteen |
| 3. Shop No. 14/15 Shopping Complex | 4. Shop No. 2, Shopping Complex
Poorvanchal |

PUBLIC RELATIONS OFFICE

The Public Relations Office of the University issued a number of press releases on various activities, forwarded press clipping and other reports/information pertaining to JNU appearing in the press as feedback to the University authorities and issued appropriate clarifications/rejoinders, wherever necessary. It also responded to the public queries relating to academic as well as administrative matters and received important visitors and delegations to the University. Replies to written queries were sent to those who sought information regarding various aspects of the University functioning.

A bi-monthly journal, JNU News, is brought out by the Public Relations Officer. It is edited and published by PRO on behalf of the University. The journal serves to bridge the information gap and tries to initiate and encourage a constant dialogue between various constituents of the University community as well as with the rest of academic world. Annual Report of the University was also prepared and published both in English and Hindi by the PRO Office.

GUEST HOUSES

JNU's three guest houses (Aravali, Aravali International and Gomti) provided accommodation to more than 4200 guests during the year under report. They included teachers and research scholars who came to Delhi from various universities and educational institutions from India and abroad for collection of research material or other academic pursuits. Official guests of the University, guests of faculty/staff, parents of students and UGC guests were also provided accommodation for varying short periods.

HINDI UNIT

During the period under report, the Hindi Unit organised a 5-day workshop and imparted training in Hindi Noting and Drafting for the benefit of different categories of the ministerial staff working in the University. The Workshop was conducted from 2 to 6 September 2002 in collaboration with the Central Hindi Institute, New Delhi. Ten members of the staff participated in it. The participants appeared in a test at the end of the workshop. On the eve of the Hindi Divas Samaroh Prof. G. K. Chadha, Vice-Chancellor of the University gave away cash prizes to those who scored the first three positions. All the participants were awarded certificates.

A similar workshop was also organised for the Officers of the University so as to enable them to lead/guide and motivate their subordinates to work in Hindi. Four officers took part in it. They were also given

away the cash prizes and certificates by the Vice-Chancellor..

The Unit celebrated Hindi Divas on 17 September, 2002 and the Chancellor of the University Dr. Karan Singh honoured the occasion as a chief guest. A noted Hindi critic Prof. Namwar Singh presided over the function. Vice-Chancellor, Prof. G. K. Chadha, Rector, Prof. Rajiv K. Saxena, Prof. Kedar Nath Singh and Prof Ganga Prasad Vimal addressed the participants.

The Hindi Unit also undertook translation work in respect of the Annual Report, Annual Accounts, Audit Report, Admission Notices, Advertisements for recruitment, Notification/circulars, Press communiques, etc. during the period under report.

OFFICE OF THE CHIEF PROCTOR

Statute 32 of the Statutes of the University deals with maintenance of discipline among students of the University and all powers relating to discipline and disciplinary action in relation to students shall vest in the Vice-Chancellor. Statute 10 (3) (a) states that there shall be a Chief Proctor appointed by the Executive Council.

The Chief Proctor's Office in the University is in existence since 1986. The Proctorial Team at present consists of one Chief Proctor assisted by two Proctors (out of that one is a lady Proctor). This office is responsible for maintaining discipline among the students of the University. In the execution of its duty of maintaining peace and harmony on the campus, this office relies, by and large, on the philosophy of taking reformatory measures rather than punitive. Ones, however, in cases involving violation of disciplinary norms, appropriate disciplinary actions are taken.

CHAPTER - 9

UNIVERSITY FINANCE

I. SYSTEMS OF ACCOUNTS AND AUDIT

The accounts of the University are maintained in five distinct parts:

1. Maintenance (Non-Plan) Account : Dealing with the revenue, receipts and maintenance expenditure of the University
2. Development (Plan) Account : Dealing with the development of the University met out of the five year Plan

allocation.

3. Earmarked (Special) Fund Account : Dealing with the transactions in connection with the specific research projects, conferences and other specific purposes. Funded by the various Central Govt. Departments UGC, CSIR and ICSSR etc.
4. Debt., Deposits etc. Account : Dealing with the receipts and payments in connection with the Provident Fund and other Deposits.
5. Fellowship Account : Dealing with the receipts and payments in connection with the Research Fellowship under 'At any one given time basis' Scheme.

The Financial year of the University corresponds with that of the Government of India i.e. 1 April to 31 March of the subsequent year. The accounts of the University are annually audited by the Director General of Audit, Central Revenues (DGCAR) on behalf of the Comptroller and Auditor General of India. In accordance with the Govt. of India instructions, the audited accounts of the University are required to be placed on the table of the Parliament by 31 December of the following year. The audited accounts (in Hindi and English Version) of the University for the year 2001-2002 have already been sent to the Ministry of Human Resource Development on 22 July, 2003 for placing on the Table of the Parliament.

II. BUDGET

The Budget Estimates of the University for the year 2003-2004 and the Revised Estimates for 2002-2003 were approved by the Finance Committee on 17 February, 2003.

I. Summarised Budget Estimates, Revised Estimates and Actuals for Receipts and Expenditure 2002-2003 are given in Table 1 and 2 below:

TABLE - I

(RECEIPTS)

Head of Account	Budget		Revised for 2002-2003	Actuals
	Estimates 2002-2003	Estimates 2002-2003		
(Rupees in lakhs)				
1. Maintenance (Non-Plan) Account				
i) Part I A	6373.35	7018.83*	6535.69	
ii) Part I B	138.04	104.43*		
2. Development (Plan) Account		242.16	520.12	975.00
3. Earmarked (Special) Fund Account		983.87	1083.39	1797.86
4. Debt., Deposits etc. Account		2225.70	2281.70	3398.08
5. Fellowship Account		499.39	499.39	415.67

TABLE - 2
(EXPENDITURE)

Head of Account	Budget		Revised for	Actuals
	Estimates 2002-2003	Estimates 2002-2003		
(Rupees in lakhs)				
1. Maintenance (Non-Plan) Account				
i) Part I A	6373.35	7018.93	5987.87	
ii) Part I B	138.04	104.43		
2. Development (Plan) Account		242.16	520.12	854.65
3. Earmarked (Special) Fund Account		767.35	907.00	1363.49

4. Debt., Deposits etc. Account	2126.36	2330.41	3436.41
5. Fellowship Account	499.39	499.39	286.58

* Finance Committee in its meeting of 17.2.2003 approved Revised Estimates for 2002-2003 at Rs..7018.83 lakhs for Non Plan and Rs. 104.43 on account of merger of Plan Schemes

II. Part I-A Maintenance (Non-Plan) Expenditure/Budget/Revised Estimates/Actuals

Summary of Maintenance Expenditure and Budget for 2002-2003 are given below:

Actuals for 2001-2002	Head of Account	Budget Estimates 2002-2003	Revised Estimates 2002-2003	Actuals for 2002-2003
(Rupees in lakhs)				
433.36	Administration	523.69	564.38	460.40
844.05	Common Services and General Charges	1013.10	1130.75	923.75
1612.76	Academic Programme	2289.13	1942.18	1884.03
12.75	Examinations	20.90	23.30	14.66
349.15	Library	414.31	414.03	357.55
79.63	Students' Facilities	100.54	95.76	90.81
25.56	Scholarships	34.00	30.00	30.32
196.37	Students Hostels	226.36	223.03	231.21
7.97	Publications	20.02	17.81	13.91
648.81	Other Departments	705.88	831.89	704.85
283.72	Miscellaneous	294.53	319.26	359.54
652.30	Provident Fund & Pension	730.89	730.89	728.23
133.17	Vth Pay Commission			
Arrears to Non-Teaching				
	Staff	-	615.55	188.61
@	DA announced	-	80.00	@

5	Hindustan lever Limited	1		11,024.00	
6	Rehabilitation coun. Of India	1	35,000.00		35,000.00
7	Department of Ocean Development	1			15,285.00
8	Ministry of Statistics & Programme	1	197,900.00		243,291.00
9	Dept. of Atomic Energy	2		243,934.00	
10	Min. of Social Justice & Empowerment	2	148,787.00		179,979.00
11	Min.of Home Affairs		34,600.00		
12	National Council for Promotion of Urdu lang.	1	16,250.00		16,188.00
13	Govt. of Pondicherry	128,800.00		14,730.00	
14	Min. of Information & Technology	2	2,957,500.00		840,824.00
15	Min. of Rural Development	1		2,650.00	
16	Min.of External Affairs			11,911.00	
17	All India Council of Technical Education	1	1,550,000.00		
18	Winrock/Natcom	782,304.00		649,626.00	
19	Indian National Science Academy	2	15,000.00		20,214.40
20	Indian Council of Historical Research		45,000.00		36,000.00
21	Inter University Consortium	2	58,256.00		79,783.00
22	Admn. Overhead charges		5,417,105.00		12,454,848.00
23	Socety for innovation of Div. Centre		250,000.00		152,385.00
24	Power Finance Corporation	1	39,084.00		37,000.00
25	Conference on Cellular Molecular Biology			27,000.00	
26	Tata Education Trust	2,600,000.00			
27	Govt. of NCT Delhi (Dept. of Environment)	1	203,470.00		294,972.00
28	Sri Venkateshwar College	1	60,000.00		25,000.00
29	Centre Pollution Control Board		24,000.00		185,030.00
30	Rajasthan States Minies & Minerals Ltd.	1	67,000.00		7,160.00
31	DOEN , Department of Environment	8	3,163,564.00		3,962,070.00
32	I.A.R.I (XV Genetics congress)1		50,000.00		
33	National Agriculture Tech. Project	1	262,780.00		438,719.00
34	Madras School of Economics	1	213,605.57		210,051.00
35	Ministry of Defence	1	25,000.00		440,564.80
36	Inst. on Emerging Tgrends on cancer Res.	1		302,427.00	506,071.00
37	Indian Council for Research- International Economic Relation		1,023,257.00		710,458.00
38	Institute of Development Studies				28,830.00
39	Glacier Research Group		5,000.00		
40	Department of Space	1	200,000.00		193,942.00
41	CSIR	20	2,146,199.00		2,823,396.10

42	ICMR	4	11,386,986.00	7,269,594.50	
43	ICSSR		906,393.00	916,522.90	
44	UNDP(TIFAC)	1	57,500.00	39,072.00	
45	Sussex University (U.K.)	2	147,138.00	147,138.00	
46	University of Washington	1		36,803.00	
47	Shastri Indo-Canadian Institute	1	245,000.00	241,799.00	
48	French Embassy			71,978.00	
49	Italian Embassy	1	180,684.00	199,354.00	
50	Ford Foundation		19,638,085.00	2,649,838.00	
51	European Commissiojn	3	1,286,736.86	2,470,667.00	
52	UNESCO	7	4,213,335.90	512,832.00	
53	Canada Global			327,317.00	
54	Indo-French (IFCPAR)	1	471,000.00		
55	Indo-US Project (USDA)	1	109,768.00		
56	Centre disease control	1		439,827.00	
57	Child Labour Social Enclusion			33,433.00	
58	Intl Food Policy Research Institute			35,000.00	145,000.00
59	Welcome Trust	1	2,588,403.00	2,866,247.00	
60	UNIFEM	1	540,555.00		
61	Potts Memorial Foundation	1	2,043.00		
62	Swiss Agency for Devp. & Corp.	1	429,000.00	266,357.00	
63	World Television Broadcasting			272,429.00	
64	Centre for Ecology & Hydrology	1	318,335.00	208,044.00	
65	Embassy of Sultante of Omman	1	949,352.00		
66	Instead of Nuclear Weapons	1	48,038.00	36,180.00	
67	Volks Wagon	1	663,837.00	802,619.00	
68	Australian High Commission	1		30,109.00	
69	Korean Foundation	3	100,240.00	283,398.00	
70	Canadian High Commission	1		342,551.00	
71	Chair of RBI	1	206,250.00	235,917.00	
72	Chair on Environmental Law	1		77,945.00	
73	Rajiv Gandhi Foundation Chair	1		184,666.00	
74	Ambedkar Chair	1	366,134.00	330,043.00	
75	Seth Sh. Gardiji (Pankaj Coop.Housing Society)		600,000.00		
76	Dr. T.K. Oomen (Award of MA Student in Sociology)		100,000.00		
77	Roman Pony Memorial Fund			8,000.00	
78	MJK Thivaraj Memorial Fund			17,331.00	

79	Sanskrit Studies	14,661.00
80	Bindu Aggrawal	4,000.00
81	HL Parwana Endowment	12,013.00
82	AN Bhatt Memorial Fund	4,100.00
83	Dr. Rafeal Iruzubieta	36,000.00
84	Juhi Prasad	2,000.00
85	Sajjad Zaheer & Razia Zaheer	12,000.00
86	Dr. Sheila Zubrigg	2,000.00

CHAPTER - 10

CAMPUS DEVELOPMENT

During the period under report the University took up various construction works of hostels, Transit Houses, Post Doctoral Fellows hostel and other development works:

The possession of buildings of School of Arts and Aesthetics, Centre for Law and Governance, Post Doctoral Hostel (Phase I & II), Centre for Sanskrit Studies, Extension of Health Centre, Mahi and Mandavi Hostels has been taken over and all these buildings are in use.

The construction work of ST Boys and ST Girls Hostel is under progress.

The construction work of Academic Staff College building is under progress and expected to be taken over by 30 June, 2003 and the same will be ready for occupation by the commencement of the coming Academic session.

The University has taken up the work of segregation of electric supply for having separate meters for Residential and Non-Residential power supply. The work is under progress and expected to be completed by July, 2003.

CHAPTER - 11

Gender Sensitisation Committee Against Sexual Harassment (GSCASH)

The Supreme Court of India in August 1997, delivered a landmark judgement in the Vishaka vs. State of Rajasthan Writ petition, upholding institutional responsibility in addressing and redressing cases of sexual harassment at the work-place. A month later, Jawaharlal Nehru University constituted a four-member working group headed by Prof. Karuna Chanana to draw up a report on how a committee looking into such cases could be constituted, what should its functions be, and what should be the mechanisms through which deterrents to sexual harassment at the work-place could be put into place. After months of deliberations, involving various sections of the University community, a consensus was reached that such a committee instead of merely receiving and enquiring into complaints, should also be involved in gender sensitization. Accordingly, the Gender Sensitisation Committee Against Sexual Harassment (GSCASH) was set up vide a Jawaharlal Nehru University notification on 16 April, 1999, and its rules and procedures were accepted in principle in September 2001. In February 2002, a committee headed by Dr Rupamanjari Ghosh presented a draft of the Rules and Procedures of the GSCASH to the University. The final Rules and Procedures of the GSCASH were submitted to the Executive Council of the University on 30 May 2003 by a two-member committee headed by Prof. Ashok Mathur, and have been accepted in their current form subject to incorporating few suggestions from the EC members.

Committee members for the year 2002-2003 are: Ms. R. Mahalakshmi, Dr. Sonajharia Minz and Dr. Hemant Adlakha, Ms. Rosmin Mathew and Mr. Mahesh Gopalan, Dr. Malavika Chauhan and Dr. K.M. Ekramuddin, Mr. P.S. Chahar, Mr. B. A. Khan, and Ms. Ena Panda. Our third-party members include Janwadi Mahila Vikas Kendra and Jagori (NGO's working in the area of sexual harassment), and Prof. Patricia Uberoi and Ms. Urvashi Butalia (eminent women academicians). The term for the GSCASH, which was earlier one year, has been extended to two years, with elections being held every year for one elected post in the teacher and student constituency, to maintain continuity and efficiency in the functioning of GSCASH.

GSCASH Activities from April 2002 -November 2002

1. A newsletter was issued in July 2002
2. GSCASH Volunteers Forum was set up comprising all sections of the JNU community
3. A poster workshop was held in July and August 2002 on the JNU policy on sexual harassment, and a cartoon exhibition in November 2002
4. Resource materials on sexual harassment were circulated to all centers and administrative offices.
5. A street play was staged by Stree Adhikar Sangathan in October 2002
6. Nine cases were received; 2 cases closed without prejudice; disciplinary action taken on 2 cases; Disciplinary action pending on 3 cases; enquiry in progress on one case.

Sensitisation Activities

Since December 2002, when the current committee of the GSCASH took over, we have been engaged in various activities. The Maulana Azad Medical College rape that shocked the people of Delhi in end-November 2002 resulted in a feeling of insecurity amongst those on campus, and especially women. The GSCASH issued a notice to the Security Advisory Committee that such cases of assault and violence against women in broad day light were proof that women did not invite aggression, and hence, the onus for such dastardly acts should not be pushed on women. Instead, the GSCASH suggested better lighting, constant patrolling, and posting of security around the academic complexes, so that members of the JNU community could move around freely and continue with their normal academic and other pursuits.

The GSCASH held two workshops as part of its sensitization programs until 30 March 2003. The first was held on 14 February 2003 with office bearers of the Teachers, Staff and Officers Associations, and the Students Union on the campus. The GSCASH also invited former members to this workshop to share their experiences on GSCASH with us. The issues needing clarification such as what constitutes 'sexual harassment', what should be done if false complaints are made, and would representatives of a constituency be able to act objectively, were discussed in great detail.

The second workshop was held with hostel presidents and senior Wardens on 20 February 2003. JNU has a tradition of hostel nights being celebrated by all hostels between end-February and April. As part of the celebrations, residents of a hostel were free to invite friends from other hostels and even outside the University as guests. On some occasions this has led to unpleasant situations occurring, marring the effort and enthusiasm of the organizers. GSCASH initiated a discussion with our invitees on the problems that could arise in the hostel nights and how these could be tackled. It was decided that hostel committee members

would wear a badge so that students and their guests could easily identify them, and approach them if the need arose. A student member of the GSCASH also volunteered to be on the spot in all the hostels.

Grievance Redressal and Crisis Management

Between January and March 2003, the GSCASH had received only one new case filed by a student against an officer of the University in January 2003. The committee had been engaged in this period in communications with the Vice-Chancellor on disciplinary action that needed to be taken on 2 cases whose reports had been submitted by the previous committee. We are happy to report that in one case related to an official of the University, the University, following the recommendations of the GSCASH, awarded him a major penalty. A case relating to a faculty member of the University was referred back to the GSCASH by the Executive Council of the University, on the grounds that some questions raised by the accused and the University lawyer had to be addressed by the GSCASH in this case. The GSCASH consulted eminent lawyer Ms. Indira Jaisingh, and on the basis of her opinion clarified some of these issues that were raised. The report of the GSCASH was submitted within a month on 14 March 2003 to the Vice-Chancellor Prof. G.K. Chadha.

Planned Activities for the Year

The GSCASH hopes to hold more sensitization workshops through this year, especially in the Monsoon semester beginning July 2003. As is customary, at the end of the term of the GSCASH in November 2003, an Annual Report will be prepared and presented in an open meeting to the University community.

CHAPTER - 12

CENTRAL FACILITIES

1. University Library

The JNU Library is one of the most modern and well-equipped University library holding a pride of place in the University libraries of the country. It is a 9-storey tower building and has a carpet area of about 1 lakh sq. ft. It is situated in the midst of the academic complex of the University and is the hub of all academic activities of the University. All the reading halls are air-conditioned with full power backup support. Most of the operations of the library have been computerized and rest of the operations are in the process of computerization. The library remains open from 9.00 AM to 8.00 PM throughout the year and during the examination days, the working hours are extended up to 12.00 midnight for 45 days in each semester. However, the Reading Room facilities are available up to 12.00 midnight throughout the year. The library observes only three National holidays and Holi festival in a year.

To meet the special needs of the visually impaired students of the University, a special unit appropriately named after Hellen Keller, has been established near the entrance of the library. Eight computers have been installed exclusively for the use of the students for OPAC and Internet browsing on the ground floor of the library.

Readers' Services

A total number of 8622 students, faculty and staff members and scholars from other Universities/Institutions both within and outside the country, used the library facilities during the period of report :

Membership

Total Membership	8622
1. No. of Scholars from other Universities/Institutions	789
2. Faculty Members	423
3. Non-Teaching Staff (including project staff)	699
4. Faculty trainees of Academic Staff College	729
5. Students	
(a) Graduate & Post Graduate	2614
(b) Research Scholars	3083
(c) Part-time Course	120
(d) Special Membership	165

TOTAL

8622

Resource Sharing

Due to constraints imposed by paucity of funds and information explosion as a result of which even the richest of the rich libraries the world over are not in a position to purchase all that which are being published, the libraries have started a practice of utilizing the resources of each other. With this compulsion in mind, our library has become a member of Developing Library Network (DELNET), Information and Library Network Centre (INFLIBNET), etc.

- a) Inter-Library Loan: The Library borrowed 124 documents and loaned 163 documents to other libraries. Photocopies of articles from books and journals were also provided on request.
- b) Library Cooperation: The JNU Library has established a mutually beneficial arrangement with IIT Library, Delhi, to utilize each other's resources. This cooperation continued between the two institutions during the period of report.

Acquisition Programme

a) Books/Serials/Government Publications: The Library acquired 4545 volumes during the year. Of these, 2267 volumes were received as gifts from eminent persons and organizations. The major donors during the period were: Prof. A. Parthasarthy (G. Parthasarthy collection) & the German Embassy. Books and other related material presented to the Vice-Chancellor, the Rectors, the Deans, the Registrar and the Chairpersons of various Centres were also received in the Library. The total library collection was at 5,05,164 volumes at the end of the year under report.

B) Journals: The Library subscribed to 674 journals, UN Documents and Serials and also received 140 journals by way of gift. The total expenditure on journals subscriptions during the year was of the order of Rs. 1,38,52,011.89. Besides, 79 journals (Inc. BioMedNet Reviews online) amounting to Rs. 51,51,576 were subscribed out of the Excellence Grant. Also, 7 journals were subscribed out of the Special Grant from Environmental Management Capacity Building Project (EMCBP) for about Rs. 2.10 lacs.

c) Exchange of Publications: The Library exchanged 48 academic journals with our quarterly journal "International Studies", brought out by the School of International Studies.

The Library remained on the mailing list of other universities and organizations such as the Food and Agriculture Organization, the World Bank, the World Trade Organization, the International Monetary Fund, the International Court of Justice and the International Civil Aviation Organization. It also continued as a referral centre for the European Union documents.

JAYENU Bookshop

Established in 1986, the JAYENU Bookshop handled all the book acquisitions of the Library and earned discounts ranging from 15 to 25 per cent in the year under report. The total expenditure on book purchase was Rs. 18,28,966.43. An amount of Rs. 3,49,042.00 was saved in the form of extra discount in