

20th Refresher Course in Environmental Sciences

06th April to 01st May 2015

Course Coordinators:-

- Prof. Kasturi Mukhopadhyay
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1. Summary

Total no. of applicants Selected by selection Committee	61
Total no. of Special requests taken	3
Total no. of confirmations received	41
Total no. of Cancellations received	26
Total no. of Last minute Cancellations	5
Total no. of applicants Reported for the course	36

2. List of Participants

NAME	STATE
ADBAR MOHAN RAMCHANDRA	MAHARASHTRA
ANAMI SARAN	UTTAR PRADESH
ANDHALE ATMARAM VITTHALRAO	MAHARASHTRA
ANKITA RAI	DELHI
ANKUSH TAYAPPA KOLEKAR	MAHARASHTRA
ANSHU GUPTA	DELHI
ARSHI RASTOGI	UTTARAKHAND
ARUN SRIVASTAVA	DELHI
B.C.NAGARAJA	KARNATAKA
BHOSLE ARJUN BAPURAO	MAHARASHTRA
BINOY T. THOMAS	KERALA
GAHUL AMIN	WEST BENGAL
GAIKWAD VIJAY POPAT	MAHARASHTRA
GAURI A. HAVAL	MAHARASHTRA
HITESH H. SHINGADHIA	MAHARASHTRA
KAMBLE VIDHIN SUNDAR	MAHARASHTRA
LEELA KAUR	RAJASTHAN
LOLAGE YOGESH POPATRAO	MAHARASHTRA
MAHALE ANIL SURESH	MAHARASHTRA
MEENAKSHI NANDAL	HARYANA
MUNMUN BANERJEE	WEST BENGAL
NITIN RAMLING KUMBHAR	MAHARASHTRA
PIMPLE NIRBHAY SUDHIR	MAHARASHTRA
PRABHAVATHI	DELHI
RADHIKA BAKHSHI	DELHI
RAKESH SINGH	UTTARAKHAND
SADIQUA ASHRAF SHAIKIA	MAHARASHTRA

SIDHHARTH SIROHI	DELHI
SUBODH KUMAR SHARMA	UTTAR PRADESH
SUNAYANA SINGH	RAJASTHAN
SUNIL MOTILAL PATIL	MAHARASHTRA
SUPRIYA SABBANI	DELHI
SUPRIYA SINGH GUPTA	MAHARASHTRA
TEMBARE UTTAM SADASHIV	MAHARASHTRA
UMESH KUMAR SINGH	WEST BENGAL
UTPAL TALUKDAR	ARUNACHAL PRADESH

3. Schedule

WEEK I

DATE	9:00am-10:30am	10:45am-12: 15pm	12:30pm-2:00pm	Lunch	3:00pm-4:30pm	4.30pm to 6.00pm
Monday*, 6 th April 2015	Registration	Inauguration & Lecture on Environmental Science Education for National Development. Prof. I S Thakur, (Dean, SES, JNU)	Food Security: Ecological And Environmental Dimension Prof. C.K. Varshney		Project/Library	
Tuesday, 7 th April 2015	Marine Environment & its Management Prof. A. L. Ramanathan, (SES, JNU)	Green technology and environmental problems of 21 st century Dr. N.S. Siddaiah	Evolving concepts in radiation biology Dr. Ashu Bhan Tiku		Mr. Jitu Kalita ‘Environmental Conservation: A report from forests of Assam’	Shri Jadav Payeng "Interactive session with "Forest Man of India""
Wednesday, 8 th April 2015	Earth surface processes and critical sustenance Dr. Jayant Tripathy, (SES, JNU)	Laws for Environment Management Prof. J.M. Dave	Metagenomics in Environmental Science Prof. Sudha Bhattacharya, (SES, JNU)		Project/Library	
Thursday, 9 th April 2015	Management of water resources and Environmental sustainable technologies Prof. N. Janardhana Raju, (SES, JNU)	Electro Pollution and Environment Prof. J. Behari (SES, JNU)	Dynamics of Urban Heat Island Formation over Delhi Prof. Krishna Kumar, (SES, JNU)		Project/Library	
Friday, 10 th April 2015	Sustainable Biochar- A Tool for Climate Change Mitigation, Soil Management and Water Treatment Prof. Dinesh Mohan, (SES, JNU)	Role of Biotechnology for Environmental waste Management Prof. I. S. Thakur	Air pollution and Health Dr. Chirashree Ghosh, (Dept. of Environmental Studies Univ. of Delhi)		Field Visit Prof. S. C..Garkoti	

WEEK II

DATE	9:00am-10:30am	10:45am-12: 15pm	12:30pm-2:00pm	Lunch	3:00pm-4:30pm
Monday, 13 th April 2015	Dr. Jaishree Pal (SLS, JNU) Recent trends in epidemiology	Prof. D. C. Uprety (IARI, Delhi) Crop responses to rising atmospheric CO ₂ , A South Asian effort CO ₂ enrichment technologies....Continued	Prof. D. C. Uprety (IARI, Delhi) 2. Research studies on crop responses		Orientation for Project preparation Prof. Kasturi Mukhopadhyay & Prof. S. C. Garkoti
Tuesday, 14 th April 2015	Holiday				
Wednesday, 15 th April 2015	Prof. D. M. Banerjee Department of Geology, University of Delhi	Prof. K. S. Rao Department of Botany, University of Delhi			AIRF Visit
Thursday, 16 th April 2015	Prof. Atul K. Johri (SLS, JNU) Plant Probiotic Fungus <i>Piriformospora indica</i> : An alternate of Phosphate Fertilizers ?	Dr. H. Pathak (Div. of Environmental Sciences, IARI) Climate Change and Agriculture	" "Extremes in Southern Rim of the Hilmalayas" Prof. A. P. Dimri		AIRF Visit
Friday, 17 th April 2015	Prof. A K Bhatnagar Ex HOD, Department of Botany, University of Delhi				Project/Library

WEEK III

DATE	9:00am-10:30am	10:45am-12: 15pm	12:30pm-2:00pm	Lunch	3:00pm-4:30pm
Monday, 20 th April 2015	Dr. Pritam Mukhopadyaya SPS, JNU Crude Oil Spill: Environmental Problems and Probable Solutions	Prof. Soumitra Mukherjee SES, JNU Remote sensing application in Environment science	Dr. D K Tiwari DBT, New Delhi Email: dhananjaytiwarydbt@gmail.co m		Project/Library
Tuesday, 21st April 2015	Dr. Monica Kulshrestha NPL, New Delhi Email: monika@nplindia.org	Prof. P S Khillare SES, JNU Environmental Management	Prof. Rajeev Bhat SBT, JNU		“Formulation and implementation of Projects in Indian context Prof. Alok Bhattacarya
Wednesday, 22nd April 2015	Dr. Paul Raj SES, JNU, "Electromagnetic Radiation and its Health Implications"	Prof. V. Subramanian Currently afftiated with Amitey University Ret. Prof. SES	Prof. Dolly Wattal Dhar Div of Microbiology Assessing micro algae in the area of Biodiesel		Prof. Kasturi Mukhupadhyay
Thursday, 23rd April 2015	Prof. K J Mukherjee SBT, JNU System Biology approaches for enhancing Recombinant protein production	Prof. Viva Tandon SCMM, JNU	Dr. Balaji Birajdar Special Centre for Nano Science, JNU Introduction to Transmission Electron Microscopy		Prof. V K Jain Currently V. C. Done Univeristy
Friday, 24 th April 2015	Prof. R K Tyagi SCMM, JNU	Dr. Neelima Mondal SLS, JNU Environment and cancer	Prof. Dinesh Mohan SES		Pre Submission Discussion and Preparation of Scientific Project” Prof. Kasturi Mukhopadhyay Prof. S. C. Garkoti

WEEK IV

DATE	9:00am-10:30am	10:45am-12: 15pm	12:15 pm	12:30pm-2:00pm	Lunch	3:00pm-4:30pm
Monday, 27 th April 2015	Dr. Vijay Pal Yadav SES, JNU Applications of metagenomics in environmental science	Prof. Rajesh Agnihotri, NPL, New Delhi Ocean denitrification in low oxygen waters (Arabian Sea, Peru margin) and climate change	Photo Session	Prof. Kasturi Datta INSA Senior Fellow SES, JNU Endocrine Disruptors, Arsenic Contamination and Health Issues		CIF/SES visit (Dr. P. D. Gaikwad SES, JNU)
Tuesday, 28 th April 2015	Prof. A.K. Attri SES, JNU	Prof. Gobordhan Das SCMM, JNU	Prof. K. G. Saxena SES, JNU Environment and Development			Project/Library
Wednesday, 29 th April 2015	Evaluation Presentations					
Thursday, 30 th April 2015	Evaluation Presentations					
Friday, 01 st May 2015		Valedictory Lecture by Prof. Asis Datta Distinguished Emeritus Scientist, Ex-Vice chancellor , JNU Ex-Director& Founder NIPGR, ND				