

**UGC – Human Resource Development Centre
Jawaharlal Nehru University, New Delhi**

**1st Refresher Course in Life Sciences & Biotechnology
20th July – 14th August, 2015**

Course coordinator:

1. Prof. Atul Kumar Johri

School of Life Sciences, JNU

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2. Prof. Rupesh Chaturvedi

School of Biotechnology

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1. Summary

Total no. of applicants Selected by selection Committee in 1 st & 2 nd List	1 st : 40 2 nd : 36
Total no. of Special requests taken	4
Total no. of confirmations till July 17 th 2015	41
Total no. of cancellations	02
Total no. of applicants reported for the Course	37
Total no. of last minute cancellation	2

2. List of Participants

Sr. No.	Name	State
1	ALKA VYAS	UTTAR PRADESH
2	ANG RINZING SHERPA	WEST BENGAL
3	ANJALI PRIYADARSHANI	DELHI
4	ANOOP KUMAR	WEST BENGAL
5	ARUNDHATI PAL	WEST BENGAL
6	ASMITA DAS	DELHI
7	BROTOTI ROY	DELHI
8	C. ARULVASU	TAMIL NADU
9	DEEPIKA YADAV	DELHI
10	DIGAMBAR DADAJI AHIRE	MAHARASHTRA
11	GURUDAYAL RAM	UTTAR PRADESH
12	HARKAL ANANTA DNYANOBA	MAHARASHTRA
13	HUMAIRA FAROOQI	DELHI
14	JYOTI SINGH	DELHI
15	KANDARPA KUMAR SAIKIA	ASSAM
16	KOEL MUKHERJEE	JHARKHAND
17	LHANJEY P. BHUTIA	SIKKIM
18	MANJEET KAUR	UTTAR PRADESH
19	MONIKA SHARMA	DELHI
20	N. RADHAKRISHNAN	TAMIL NADU
21	NIRALA RAMCHIARY	DELHI
22	PARTIMA SOLANKI	DELHI
23	POONAM SHARMA	DELHI
24	R. BALASUBRAMANIAN	TAMIL NADU
25	RAM SINGH PURTY	DELHI
26	RAMESH KUMAR	UTTAR PRADESH
27	RASHMI PAREEK	RAJASTHAN
28	RINU SHARMA	DELHI

29	SABEBARO NAMO DAS	ASSAM
30	SAIMA WAJID	DELHI
31	SANTOSH KUMAR	UTTAR PRADESH
32	SREE. S. KUMAR	MAHARASHTRA
33	SURENDRA KUMAR YADAV	UTTAR PRADESH
34	TULIKA PRASAD	DELHI
35	VARSHA MEHRA	DELHI
36	VARSHA PRASAD WADEGAONKAR	MAHARASHTRA
37	VEER BHAN	HARYANA

3. Schedule

Yoga Classes from 6.00am to 7.00am thrice a week Mon, Wed, & Friday w.e.f. 20th July ,2015 at HRDC

WEEK – I
Fundamentals

DATE	9:30am-11:00am	11:00am-01:00pm	01:00pm-2:00pm Lunch	2:30pm to 4.00pm	3.45pm-5:00 pm
Monday 20 July 2015	Registration	Inaugural Session at Committee Hall, Convention Centre, JNU Prof. H. Devaraj UGC –Vice Chairman,Delhi		Inaugural Lecture “Animal Biotechnology” Prof. Rajiv Saxena”	
Date	9:30am-11:00am	11:30am-01:00pm	01:00pm-2:00pm Lunch	2:15pm to 3.30pm	3.45pm-5:00 pm
Tuesday 21 July 2015	“Che-mystery for Biologists” Dr. B. S. Balaji	“Biomolecules” Dr. Sneha Sudha Komath		Prof. P.K Yadava	
Wednesday 22 July 2015	“Non coding RNA and their applications” Dr. Rohini Muthuswami	“Genetics” Prof. RNK Bamezai			
Thursday 23 July 2015	“Genes and Genomics” Prof. K.C. Upadhaya	“Plant Biotechnology” Prof. Ashwin Pareek		“Developmental Biology” Dr. Shweta Saran	
Friday 24 th July 2015	Prof. N. Subbarao	“Biostat” Dr. Sumaya Prasad		“Molecular epidemiology of Microbial Pathogens” Prof. J. S. Virdi	“Introduction of Prote in structure” Dr. S. Gourinath

WEEK II

DATE	9:30am-11:00 am	11:30am-1:00 pm	1:00pm-2:00pm Lunch	2:15pm to 3.30pm :	3:45pm- 5:00pm
Monday 27 July 2015	<i>“Protoemics: Introduction fundamental Principals and Application”</i> Dr. Gopalan Sampath Kumar	<i>“Next Gen Sequencing”</i> Prof. Saurabh Raghuvanshi		<i>“Single cell High resolution Microscopy”</i> Dr. Jaydeep Bhattacharya	
Tuesday 28 July 2015	<i>“Application of FACS in biology”</i> Dr. Ravi Tandon	<i>“Electron Microscope”</i> Dr. Tapas Nag		<i>“Meta Genomics”</i> Prof. Rakesh Sharma	Course Coordinator
Wednesday 29 July 2015	<i>“Recombinant Protein in heterologous system”</i> Dr. Yogender Pal Khasa	<i>“Multidimensional Nuclear Magnetic Resonance (NMR) spectroscopy”</i> Dr. Neel Sarovar Bhavesh		<i>“Protein Folding Methods And Technique”</i> Dr. Rajesh Mishra	<i>“X-Ray diffraction”</i> Prof. Ajay Kumar Saxena
Thursday, 30 July 2015	<i>“Transgenic plants”</i> Prof. Manchikatla VenkatRajan	<i>“Transgenic animal”</i> Dr. Subeer S. Majumdar		<i>“Genome editing of Plants”</i> Prof. Ashis K Nandi	<i>“Protein Engineering”</i> Dr. Bishwajit Kundu
Friday 31 July 2015	<i>“Synthetic Biology”</i> Prof. Pawan Dhar	<i>“Personalized Medicine”</i> Prof. Dwaipayan Bharadwaj		<i>“Next generation Vaccines”</i> Dr. Mausumi Bharadwaj,	<i>“Bioethics”</i> Dr. Uttam K Pati

WEEK III

Date	9.30am :11.00am	11:30am :01:00pm	12:30pm : 2:00pm Lunch	2:15pm - 3:30pm	3:45pm - 5:00pm
Monday 03 August 2015	<i>“Genetic disorder GNE Myopathy”</i> Dr. Ranjana Arya	<i>“Molecular and cell Biology of Malaria”</i> Prof. Deepak Gour		<i>“Mycobacterium Tuberculosis”</i> Prof. Gobardhan Das	<i>“Nanomedicine: Research and clinical perspective”</i> Dr. Indrajit Roy
Tuesday 04 August, 2015	<i>“Challenges in Development and Commercialization of Biotech Therapeutics”</i> Prof. Anurag S. Rathore	<i>‘Genetic Diversity of HIV-1 Genes in North India and Gene Therapeutic approaches’</i> Dr. Akhil Banerjea		Dr. R. P. Singh	<i>“Brain: Seat of Consciousness “</i> Prof. Rameshwar Singh
Wednesday 05 August, 2015	AIRF VISIT	AIRF VISIT		AIRF VISIT	AIRF VISIT
Thursday, 06 August, 2015	<i>“Plant –Fungus interactions:New insights in the era of Genomics”</i> Prof. Praveen Verma	Prof. Alok Sinha		<i>“Plant Viral Infections”</i> Prof. Supriya Chakraborty	<i>“Genome based drug design”</i> Prof. Indira Ghosh
Friday 07 August, 2015	<i>“Carbon Sequestration and hydrogen production by higher plants and algae to control global warming”</i> Prof. B C Tripathi	<i>“Patent Process”</i> Dr. Ram Shukla		<i>“Advances in cereal Genomics”</i> Prof. Manoj Prasad	Dr. Jyothilakshmi Vadassery

WEEK IV

DATE	9:30am-11:00am	11:30am-01:00pm	01:00pm	01:00pm-2:00pm Lunch	2:15pm to 3:30pm	3:45pm-5:00 pm
Monday 10 August, 2015	<i>“Genetic engineered vaccine against Anthrax from clone to clinical trials”</i> Prof. Rakesh Bhatanagar	<i>“Malaria Drug development”</i> Dr. SumanDhar	Group Photo		<i>“Micro RNA and diseases”</i> Prof. M. Zahid Asraf	Library
Tuesday 11 August, 2015	Dr. Sushil Jha	<i>“Amoeba”</i> Prof. Alok Bhattacharya			<i>“Nano Technology and Cancer”</i> Dr. Zeenat Iqbal	SLS& SBT Visit
Wednesday 12 August, 2015	Evaluation & Presentation Prof. Rakesh Bhatnagar, Dr. Rupees Chaturvedi, Prof AtulJohri, DepakGour					
Thursday, 13 August, 2015	Evaluation & Presentation Dr. Rana Pratap Singh, Dr. Rupees Chaturvedi, Prof AtulJohri,					
Friday 14 August, 2015	9.00am Feed Back Session	10.30 to 11.30 Valedictory Session		11.45 Interaction with Vice Chancellor, JNU		