

About the seminar:

Biologists the world over have looked for sources of protein to investigate. The invention and perfecting of *In vitro* cell culture techniques have provided a tool for protein extraction from human sources as well. These protein extracts have been subjected to myriad characterizations and processing – all of which have contributed to the growth of biological disciplines, viz., drug development, proteomics, and crystallography and so on.

Keeping in mind the trends and challenges being faced by biologists across industrial and academic disciplines, a workshop has been planned to equip the researchers with skills that would enable them to cope with the emerging techniques and practices in the present scenario. This workshop plans to begin right at the level of RNA production from human cell lines, to the synthesis of cDNA, upto the extraction of the protein and taking it to crystallizable limits.

About the Department

Biological Sciences Department at BITS, Pilani - K K Birla Goa Campus is a diversely qualified department which specializes in courses as varied as Stem Cell And Regenerative Biology, Protein and Enzyme Bioengineering, Animal Cell Technology, Advanced Cell and Molecular Biology, Bioconversion Techniques, Immunology to name a few.

Resourced with projects from funding agencies like BRNS (DAE), DBT, DST, CSIR, UGC, MoES, etc., the department has been seeing cutting edge research in the above mentioned fields. A growing and vibrating department, students and research scholars are encouraged in interactive and innovative ways of doing science.

Goa in the 1st week of June:

Goa remains pleasant in the first week of June with maximum temperatures less than 30°C, with some refreshing showers in between.

Workshop seats are strictly limited to a maximum of twenty five (25) only

Organizing Committee

Prof. K E Raman
Prof. S Ramaswamy
Prof. A P Koley
Prof. Dibakar Chakrabarty
Dr. R P Pradhan
Dr. Utpal Roy
Dr. Saby John K
Dr. Meenal Kowshik
Dr. Judith M. Braganca
Dr. Srikanth M.
Dr. Anasuya Ganguly
Dr. Veeky Baths
Dr. Vijayashree Nayak
Dr. Malabika Biswas
Mr. Gautam Krishnan
Mr. M J Suryawanshi

Organizing Secretaries:

Dr. Sumit Biswas Dr. Angshuman Sarkar



BITS Pilani
K K Birla Goa Campus

From RNA to Protein A Comprehensive Workshop

3rd - 9th June, 2012

R2P - 2012

Organized by
Department of Biological Sciences
BITS, PILANI - K K BIRLA Goa Campus,
Goa



Registration Form:

Name :

Designation :

Department :

Address :

Mobile No :

Email-id :

Registration Fee

Amount :

Chq / DD No & Date:

Name of Bank:

Signature of the Delegate

Send filled forms to

Dept. of Biological Sciences,
BITS, Pilani - K K Birla Goa Campus,
Zuarinagar, Goa - 403726.

N.B.: Please mark R2P-2012 on the envelope.

Objectives:

Research and Development Departments of most pharmaceutical companies use techniques related to molecular biology. The skills in demand from a potential R & D employee comprise mostly cell handling, protein biochemistry, genomics and structural analysis. Not only in the industry, a review of the publications arising from academia also reveal a prominence or importance of the fields in question.

This workshop would arm the participant to be eligible for any of these challenging areas, on a startup level. This would provide an added impetus to the participant to further pursue these cutting-edge techniques and utilize them in furthering research, production or pedagogy.

Targeted Participants:

Students, Research Scholars, Academicians and Industrial Delegates

Course Content:

- ◆ Human Cell Culture
- ◆ RNA Extraction and Processing
- ◆ RT-PCR
- ◆ Protein Isolation and Characterization
- ◆ Protein Crystallography

Important Dates:

Early Bird Registration Starts : Feb 1, 2012
Early Bird Registration Ends : Feb 29, 2012
Date of Intimation of selected
Candidates : March 30, 2012

Cheque/DD should be drawn in favour of: “ **BITS Pilani K K Birla Goa Campus**”. The name of the candidate, address and draft/ cheque no. should be written on the reverse.

Registration Fee:

Course Fee and Registration:

Delegates from Industries: Rs. 10000
Delegates from Academia: Rs 6,000
[Early Bird Registration up to 29.2.2012]
Late Registration: Rs. 8,000

Accommodation:

Single Occupancy in BITS Hostel for 8 days @ Rs. 200/day.

How to Apply:

Send filled in Registration forms to:
Dept. of Biological Sciences,
BITS, Pilani - K K Birla Goa Campus,
Zuarinagar,
Goa - 403726.

Envelopes should be marked R2P, 2012.

How to reach BPGC:

BITS, Pilani - K K Birla Goa campus is situated on the NH 17 B bypass road. It is easily accessible by Rail, Road and Air. Dabolim airport is less than 5 KM from BITS Goa campus and prepaid taxis are available.

The nearest Railway stations are MADGAON and VASCO DA GAMA. Vasco is only 7 KM from campus. Some other trains are terminated at or pass through Madgaon station. The BITS Goa Campus is about 25 KM from Madgaon railway station. Prepaid taxis and autos are available to come to the campus from both the stations.

Most of private and state transport luxury buses to Goa from several cities in Maharashtra, Karnataka and Kerala are terminated at Panjim and Madgaon. Some bus operators operate shuttle service to VASCO. Otherwise you will have to hire auto or taxi to BITS Goa campus from the bus station