



**Back-to-Back Workshops (2–4 days each) for  
Data Analysis in Genomics, Transcriptomics and Proteomics  
Dates: 22–31 December 2013**

Each module is independent. Participants (students, researchers and teachers of life science background) can **select one, two or all modules**.

**Generalized structure:** Overview lectures and demonstrations (~30%) followed by hands-on case studies (~70%) on each topic.

**Topics:** (i) Access and analysis of data from NGS (assembly, SNP, CNV variations, metagenomics and RNA-seq) experiments; (ii) Access and analysis of data from microarray and mass-spec experiments; (iii) Annotations and analysis with protein–protein interactions and pathway studies; (iv) Drug designing and related steps (ligand screening and docking, molecular simulations and homology modelling).

**Other courses:** Advanced literature search and biocuration (1–2 January 2014) for researchers, and career planning (20–21 December 2013) for students/beginners.

20 seats only!

Details: [www.ibab.ac.in/shodhaka@ibab.ac.in](http://www.ibab.ac.in/shodhaka@ibab.ac.in)



## DEPARTMENT OF BIOTECHNOLOGY

Ministry of Science and Technology  
Government of India

Invites Applications for the

### “INNOVATIVE YOUNG BIOTECHNOLOGIST AWARD” (IYBA) FOR THE YEAR 2013

The 'Innovative Young Biotechnologist Award' (IYBA) was instituted by the Department of Biotechnology in the year 2005, as an attractive, career-oriented scheme to identify and nurture outstanding young scientists with innovative ideas and desire to pursue research in frontier areas of biotechnology. For the year 2013 awards, the department invites applications from the young Indian investigators upto the age of **35 years**. The award will consist of financial support for a project and Cash Award/fellowship for the awardees. Awardees having a regular employment will receive a cash award of ₹ **1.00/- Lakh** every year during the course of the project in addition to grants-in-aid of ₹ **50.00/- Lakhs** for a project. The awardees, those are not in the regular employment will receive a fellowship of ₹ **40,000/-** per month with grants-in-aid and shall be attached to a Senior Scientist (Mentor) in a University, Research Institute, Medical/Agriculture/Veterinary College or any other institute of repute. It is expected that the awardees will work independently and the Mentor will facilitate the awardees research efforts. Applications (1 copy) neatly typed on plain paper in the prescribed format along with enclosures & certified copies to be sent to

**Dr T. Madhan Mohan**, Advisor, Department of Biotechnology, Block-2, CGO Complex, Lodi Road, New Delhi 110 003

Last date of submission:

**6 DECEMBER 2013**

Soft copy of the application also needs to be sent to: [iyba.dbt@nic.in](mailto:iyba.dbt@nic.in). For more details and application format, please visit DBT websites: <http://www.dbtindia.gov.in/iyba.htm> OR <http://www.btisnet.gov.in/iyba.htm>