



Institute of Bioinformatics and Applied Biotechnology (IBAB) Bangalore



A Public-Private initiative of the Department of IT&BT and S&T, Government of Karnataka and ICICI Bank

Admission Open

Biological/Medical research has transformed into a multidisciplinary pursuit involving Biology, Computer/Information Science, Statistics and Mathematics. Companies and academic researchers seek new generation of personnel trained in these. IBAB provides unique training through a variety of courses. Lectures, seminars and hands-on projects, both in-house and during corporate or academic internships, form part of the learning process at IBAB.

Postgraduate Diploma in Bioinformatics 18 months (3 semesters including internship)

Who can Apply: *Graduates/Postgraduates from Life Science, Engineering, Computer Science, Statistics, Mathematics, Physics, Chemistry, Pharmacy, Medicine, Agriculture and Veterinary.*

The course provides competence in computational biology/bioinformatics by training students in the areas of cell/molecular biology, computer science, statistics, chemistry and drug design. Related topics like IPR, entrepreneurship, clinical trials are also taught.

Postgraduate Diploma in Biotechniques 14 months (including internship) or 9 months certificate

Who can Apply: *Postgraduates in any Life Science discipline, B.Tech. (Biotech) and M.B.B.S. students.*

The course creates dependable, all round laboratory professionals through extensive 1 on 1 training in laboratory techniques designed around recombinant DNA technology.

Postgraduate Diploma in Cheminformatics 18 months (3 semesters including internship)

Who can Apply: *Graduates/Postgraduates from any branch of Chemistry, Pharmacy, B.E./B.Tech. in Chemical Engineering.*

The course trains professionals for exponentially growing and highly competitive drug and pharmaceutical market, Cheminformatics professionals have immense importance in the drug development process as they implement IT tools to replace traditional processes.

Advanced Diploma in Organic Synthesis 9 months (An IBAB-BIOCON initiative)

Who can Apply: *Postgraduates in Organic Chemistry only*

The course trains professionals for exponentially growing and highly competitive drug and pharmaceutical market. The course provides in-depth class room training followed by lab sessions. The course enables candidates to get hands-on experience with sophisticated analytical instruments such as UV, IR, NMR, HPLC, GC, LC-MS, etc. Placements in Biocon group or other pharma companies are likely.

Scholarships and Studentships: Merit scholarships and studentships, for economically needy students, sponsored by Millipore, Sartorius, Strand Life Sciences, Accelrys, and Merck are offered.

IBAB New premises: IBAB will be soon moving to its own premises at the Biotech Park (Bangalore Helix) near Electronic City. The two-floor academic block will have several large classrooms, many new wet laboratory facilities, library, incubation facilities for start-ups and so on. IBAB plans to offer **modular courses** in bioinformatics and initiate the **Ph.D. program** in the new facility. A students' hostel and a cafeteria are the other additional facilities at the new premises.

Courses commencement : **15 November 2008**
All-India entrance test : **14 September 2008**
Receipt of filled-in forms : **30 August 2008**
Examination centres : **Bangalore, Chennai, Hyderabad, Kolkata, Mumbai, New Delhi**

IBAB is a Department of Information Technology (Government of India)
Center of Excellence for Research and Training in Bioinformatics
G-05, Tech Park Mall, ITPB, Whitefield Road, Bangalore 560 066
Phone: 080-2841 0029, 2841 2769

For more information: <http://www.ibab.ac.in>/e-mail: pg@ibab.ac.in