



ABOUT ACS:

ACS-bioINFORMATICS is a division of ACS Informatics Pvt Ltd, a privately held company, established in the year 1999 with the sole aim of providing low cost, high quality Software development, Software Testing, Knowledge management, Consultancy, Training and Staffing solutions, globally, by leveraging our world class experiences, customer centric processes and best practices.

ACS-bioINFORMATICS:

Bioinformatics has emerged as a multidisciplinary subject that encompasses developments in information and computer technology as applied to biotechnology and biological sciences. Bioinformatics uses computer software tools for database creation, data management, data warehousing, data mining and global communication network. Functional genomics, bimolecular structure, proteome analysis, cell metabolism, biodiversity, downstream processing in chemical engineering, drug design, vaccine design are some of the areas in which bioinformatics is an integral component.

ACS-bioINFORMATICS have been providing training in the field of Drug designing and its planning methods under various modules such as:

- **Homology Modeling** – Determination of 3D activity of protein.
- **Molecular Docking** – Study of protein ligand interactions.
- **Molecular Dynamics Simulation** – Stabilization, energy minimization of protein.
- **Quantative Structure Activity Relationship (QSAR)** – Ligand fingerprinting and identification.

The goal & mission of ACS-bioINFORMATICS are:

1. To provide state of art, cutting edge customized BI solutions to clients of various Industries.
2. To create highly skilled human resources to overcome the dearth of skilled professionals.
3. To provide Staffing services through dedicated global placement cell.
4. To be leading global player in the area of Bioinformatics and Knowledge management.

ACS-bioINFORMATICS offers the following services:

- Pharmaceutical Database.
- Drug Target Identification and Drug Discovery.
- Microbial Genome Annotation.
- Molecular Data Analysis.



Training in Bioinformatics:

This industrial training in Bioinformatics aims to provide exposure to some of the modern bio-tools, biological databases and their applications in Biological research or Industry. The participants will be interacting with experts in their fields and shall get acquainted with practical aspects of various tools & techniques along with the underlying algorithms. Practicals will be conducted in small groups under the expert supervision, where an individual participant will follow a designed project in an area of on going projects. A few demonstrations of research problems shall also be made. The Bioinformatics training will be in two phases. Phase I of the training will cover basic foundation module and phase II includes advance module and project.

Eligibility:

B.Tech (Biotechnology, Bioinformatics, Information Technology, Food Technology) **M.Tech, B.Pharm, M.Pharm**, Research Scholar, **B.Sc/M.Sc** (Biological/Chemical Sciences).

Training Duration:

The duration for training is as follows:

- **Training for project/dissertation work:** The training will be conducted for a period of about **one to six months** depending upon the course curriculum and the course/module selection.
- **Summer Training:** Summer training will be conducted for **one and a half month** in the period of June to August, during which the students will be given hands on basic technique in the field of bioinformatics, microbiology (Plant tissue Culture, Fermentation, Down Steam processing) and on basic technique of molecular biology.

Training Fee Modules:

- Bioinformatics (One month): **Rs 6850/-**
- Bioinformatics + Wet Lab (Mol Bio) : **Rs 8000/-**
- Bioinformatics (Mini Project) : **Rs 10,098/-**
- Bioinformatics (Three Months) : **Rs 16,830/-**
- Bioinformatics (Six Months) : **Rs 22,444/-**

Note- Students getting registered for the training/project during the period from **15th March to 10th April 2010** will avail a **discount of 25 %** on the course fees. Fees can be made through demand draft to be made in favour of “**Advance Computer Systems**” payable at Lucknow.



Registration Details:

1. Download registration form from our website www.acsbioinformatics.com and send the form along with the demand draft details to our office at Biotech Park, Lucknow.
2. Kindly send your resume along with the recommendation letter from the college at our office situated at Biotech Park, Lucknow.
3. Register online at www.acsbioinformatics.com along with your demand draft details.

Address for correspondence:

Kindly send all the documents related to training such as application letter, resume, recommendation letter, registration form, photographs at the following address-

Contact Details:

Manager HR (**training dept**)
ACS-bioINFORMATICS
Sector G Jankipuram,
Kursi Road.
Lucknow. - 226021.
Ph: 0522-4028631

Manager HR (training)
ACS-Informatics Pvt Ltd
B77 Sector 63
Noida. 201301.
Ph: 0120-4545255

Interested candidates can also send their queries regarding the training/ project at our email id mentioned below:

EMAIL: training@acsbioinformatics.com, info@acsbioinformatics.com,
siddharthsinha@acsbioinformatics.com, anadi@acsinformatics.com.