



Galaxy Educare Concepts Pvt.Ltd.



ISO 9001Registered

Discover the World of Biotechnology

Biotechnology Centre

ISO 9001-2008 Certified Company & Member of BCIL

India's first of its kind Biotech Training and Research center Galaxy Educare Concepts Pvt Ltd is an ISO certified Biotechnology Research Institute/company & Member of BCIL with state of the art Biotechnology and Bioinformatics Laboratory in the heart of Kolkata city situated in South Kolkata,India. We offer students an opportunity to experience cutting edge research environment prior to pursuing their career.

State-of-the- art Laboratory

- Proteomics Lab for isolation, Identification and characterization, production and purification of protein/Enzyme with the help of the advance instrument.
- Genomics Lab for gene Identification, Characterization genetic engineering (cloning and expression), gene amplification by PCR techniques and DNA Fingerprinting (RFLP, RAPD).
- Microbiology/Fermentation Lab for Identification, Characterization and making pure culture of microorganism for biotech product (Antibiotics, Vitamins Amino Acid etc).
- Plant Tissue Culture Lab with all sophisticated instrument.
- Immunotechnology/Medical biotechnology Lab for isolation ,identification, purification and detection of antibodies/antigen, and immunological testing.(blood,sugar,pregnancy,widal)
- Bio- Chemistry Lab for all set to accurate bio-chemical analysis.
- Bioinformatics Lab-All commercial softwares with high speed broad band internet connection.
- Analytical Lab.-Equipped with Shimadzu HPLC,UV-Vis-Spectrophotometer, PCR for testing food/water/drug contamination etc.

Our Lab is equipped with All Advance and highly sophisticated instrument like HPLC,UV-VIS Spectrophotometer Thermocycler, Binocular Microscope, Stereoscopic Microscope, Autoclave, Bacterial Incubator,Column Chromatography unit ,Digital Balance, Digital PH Meter, Double Distillation Unit, Horizontal Electrophoresis Unit, Submarine Electrophoresis Systems, Immuno Electrophoresis Unit, Shaking Incubator, Laminar Air Flow Hood, Magnetic Stirrer, , cooling Centrifuge, Rotary Shaker, Soxhlet Apparatus, Thin Layer Chromatography, plant tissue culture unit, Transilluminator , Vertical Electrophoresis unit, Vortex Mixture, Western Blotting Unit.



Industrial visits to know the job prospect in biotechnology.

We offer industrial visits for life science students to make them aware of the industrial process in any field of Biotechnology and its applications .This will create confidence in the students to work with any Biotechnology based company. This will also enhance the practical knowledge of the students.

www.biotechigc.com , E-mail:info@biotechigc.com

COURSES OFFERED

Certificate /proficiency Courses (15 Days)

Certificate Course in Microbiology
Certificate Course in Clinical Microbiology
Certificate Course in Molecular Biology
Certificate Course in Clinical Biochemistry
Certificate Course in Fermentation and Downstream Processing
Certificate Course in Enzymology
Certificate Course in Immunology
Certificate Course in Food Technology
Certificate Course in Quality Control
Certificate Course in Phytochemical Studies
Certificate Course in Plant Tissue Culture
Certificate Course in HPLC operation and process

Diploma Courses (3- Months)

Diploma in Microbiology
Diploma in Molecular Biology and RDT
Diploma in Nutrition and Food Processing
Diploma in Phytochemical Studies
Diploma in Plant Tissue Culture
Diploma in Quality control
Diploma in Fermentation Technology Downstream processing
Diploma in Biochemistry
Diploma in Enzymology

Advanced Diploma Courses (6 Months)

Advanced Diploma in Biotechnology
Advanced Diploma in Microbiology
Advanced Diploma in Plant Tissue Culture

Bioinformatics Programme

PG Diploma Programme – 1 Year
Advanced Diploma Programme – 6 Months
Diploma in Bioinformatics – 1 Month
Certificate Programme in Drug Designing – 1 Month
Certificate Programme in Ind. Bioinformatics- 1 Month
Diploma in Industrial Bioinformatics – 3 Months
Short term industrial specified techniques: Docking, Molecular modeling, protein homology modeling,etc.

1 Year PG Diploma Course in Biotechnology



Academic /Research Projects

Basic level Projects – Duration approx. 1 month.
Projects on Environmental/Industrial/Food Biotechnology (1 month to 6 months)
Projects on Enzyme Biotechnology (1 month to 3 months)
Projects on Fermentation Technology and Downstream Processing (1 month to 6 months)
Projects on Molecular Biology (1 month to 6 months)
Projects on Industrial/Clinical Microbiology (1 month to 6 months)
Projects on Microbial Biotechnology, Quality Control (1 month to 6 months)
Projects on Medical/Immunological Biotechnology (1 month to 6 months)
Projects on Bio informatics (1 month to 6 months)

- Proteomics
- Genomics
- Computer Aided Drug Designing (CADD)
- Molecular modeling and comparative study.(Genomics and proteomics)



Galaxy Educare Concepts Pvt. Ltd

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