Our Training & Internship Programs

Practical Training | Research Exposure | Career Oriented

1 15 Days / One-Month Hands-on Internship Training

Hands-on internship training is offered in:

- Molecular Biology & Recombinant DNA Technology (RDT)
- DNA Fingerprinting – RAPD & RFLP
- Food & Drug Analysis and Water Microbiology
- Pharmaceutical Microbiology
- Industrial Microbiology
- Clinical/Medical Microbiology
- Enzyme Technology
- Fermentation Technology
- Immunotechnology
- Nano-Technology
- Other related Life Science areas

Microscopic Analysis

Molecular Techniques (DNA Extraction, PCR, etc.)

Detailed modules are available in hard copy and can be selected after registration or at the time of joining.

2 Research Internship / Project Dissertation: 1-6 Months

Sangene Biotech offers students and research scholars the facility to carry out Academic Dissertation/Project work in various disciplines. These projects support curriculum requirements, career growth, future research prospects and publication of work.

Selected Project: Research Areas

- Molecular Biology / Microbiology / Nano Technology
- Enzyme Technology, Gene expression, cDNA studies
- Molecular Characterization, Mutational Studies, Genetic Diversity studies
- DNA Fingerprinting and molecular marker development
- Protein Markers and protein profiling
- Recombinant Proteins, Industrial Biotechnology
- Bio-fuel, Bio-Fertilizers, Bio-catalyst
- Food microbiology, Marine Microbiology, Strain improvement, SCP
- Phyto-chemistry, Antibiotic and antioxidant activity studies
- Anti-inflammatory and Anti-diabetic studies
- Mushroom studies, Bio-degradation, Bio-transformation, etc.

Gel Electrophoresis

Microbiological Analysis (Pouring, Streaking, Drop Plate)

Students may propose their own project topic/objectives, or the topic can be discussed and finalized with our technical team.

3 P.G. Diploma / Career & Job-Oriented Training – 6-8 Months

P.G. Diploma is an industrial, career-oriented training program designed to develop technical and practical skills, make participants job-ready, meet industrial requirements and prepare them for industry challenges.

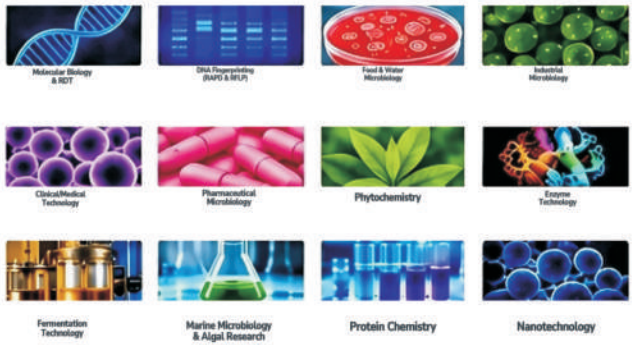
Programs available in:

- Molecular Biology & Recombinant DNA Technology (RDT)
- Microbiology

Career Oriented Hands-on Training

This intensive hands-on laboratory training provides practical exposure across the selected field and prepares participants for opportunities in industry, quality-control activities and R&D sectors. Particularly suitable for Life Science graduates, recently passed-out students and candidates looking to strengthen their practical laboratory skills before entering or re-entering the Life Science sector.

Major Research & Training Areas



Career Opportunities

- Industry (Biotech, Pharma, Food, Environmental)
- Quality Control Laboratories
- Research & Development (R&D)
- Academic and Higher Studies
- Build a strong practical skillset and job ready profile

Sangene Biotech
(A unit of ProAlgaeTech)
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WhatsApp Contact

SANGENE BIOTECH
Follow the culture

ProAlgaeTech
FOR SUSTAINABLE FUTURE

Training | Research | Analytical Services

Hands-on Training For a Brighter Career in Life Sciences

Devolep Your Skills | Gain Practical Experience | Explore Research Oppurtunities

Key Benifits

- Practical Learning
- State-of-the-art Instrumentation
- Expert Guidance
- Career Support

About Us

Sangene Biotech is a biotechnology research, laboratory testing, and advanced scientific training centre with 22 years of experience since 2008. In collaboration with ProLabBiology, Germany, we are advancing our capabilities through modern research technologies, international research expertise, and industry-oriented training programs. Our expertise spans molecular biology, microbiology, biochemistry, Enzyme Technology, Nanotechnology, Microalgae Biotechnology, and related Life Sciences. We bridge academy and industry through hands-on laboratory training, advanced research projects, analytical testing, and practical skill development, empowering students, researchers, and industry professionals while supporting scientific innovation and the biotechnology applications aligned with international standards.

Objectives of Training & Project

- Individual hands-on training for laboratory work leading to skill development,
- Guidance and technical support for laboratory work.
- Support to the latest and sophisticated instrumentation.
- Working in and exposure to a research environment.

Eligibility

B.Sc / M.Sc / B.Tech / M.Tech – Biochemistry/ Microbiology / Biochemistry / BE-Biotech / Pharma graduates / Research scholars / Medical Graduates.

Our Facility

Reception

Laboratory Corriddor

Training & Research Laboratory

Biotechnology Training, Research & Analytical Services

Benefits of Our Programmes

Hands-on Practical Training
Gain real laboratory skills with guided experiments and data analysis.

State-of-the-art Instrumentation
Work on advanced and sophisticated equipment used in research and industry.

Expert Guidance
Learn from experienced scientists and research professionals.

Research Exposure
Experience a real research environment and develop analytical thinking.

Career Support
Build job-ready skills for opportunities in industry, R&D and academia.

Certification
Receive a recognized certificate upon successful completion.

Develop Skills | Gain Experience | Grow Your Career

Benefits of Algal Biotechnology

Sustainable & Renewable Resource
Algae grow rapidly and can be cultivated using non-arable land and waste resources.

Environmental Benefits
Helps in CO_2 capture, wastewater treatment and reduction of greenhouse gases.

Wide Range of Applications
Used in food, nutraceuticals, pharmaceuticals, biofuels, fertilizers and cosmetics.

Rich Source of Bioactive Compounds
Provides proteins, pigments, antioxidants, omega-3 fatty acids and other valuable metabolites.

Supports a Circular Economy
Contributes to sustainable industrial and environmental solutions.

Global Opportunities
Growing demand worldwide in biotechnology, healthcare, environmental and energy sectors.

Algal Biotechnology Applications

Nutraceuticals & Functional Food

Biofuels & Bioenergy

Cosmetics & Personal Care

Wastewater Treatment

Pharmaceuticals & Bioactive Compounds

Agriculture & Biofertilizers

About the Course

Our training and internship programs are designed to provide comprehensive, hands-on laboratory experience in various disciplines of Life Sciences, including Molecular Biology, Microbiology, Biochemistry, Enzyme Technology, Nanotechnology and Algal Biotechnology.

Practical & Application Oriented
Learn through hands-on experiments, instrument handling and real-time data analysis.

Industry Relevant Curriculum
Course modules designed to meet current industry and research requirements.

Flexible Program Options
Choose from short-term internships, project work or P.G. diploma based on your goals.

Exposure to Research Environment
Work in a quality research environment and gain insights into research methodologies.

Build a Strong Foundation
Ideal for Life Science graduates, students and professionals looking to enhance their practical skills and career prospects.

Contact Us

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