



THAPAR INSTITUTE
OF ENGINEERING & TECHNOLOGY
(Deemed to be University)

DEPARTMENT of BIOTECHNOLOGY

Is Organising

A

SIX WEEKS SUMMER SKILLING PROGRAM

In

**ADVANCED BIMOLECULAR INTERACTION TECHNIQUES AND
BIOMEDICAL APPLICATIONS**

with



GE Healthcare
Life Sciences



PALL Life Sciences



June 1st – 13th July, 2018

ABOUT THE SUMMER SKILLING PROGRAM

An advanced comprehensive and integrated with a multi-disciplinary state-of-the-art tools and techniques such as *surface Plasmon resonance SPR, Flow cytometry, Real Time PCR, Western blotting, Interferometry, 2D, proteomics, computational biology, immunoinformatics, genomics, bioprocess technologies and others* for studying molecular interactions in biological systems, integrating biochemical/biophysical methodologies currently used extensively by the medical and biotechnology industries. The uniqueness of the program lies in justifying the true theme of academia-industry interaction in imparting industry based skilling to fulfil the requirements of advanced analytical competency. This approach has fundamental importance to enable them **Industry ready and job ready**.

BENEFITS & TAKEAWAYS

Acclaimed industry experts from GE Healthcare & Life Sciences, Pall forte Science, BioRad, Beckman Coulter and others will be directly involved to train the trainees. **INDUSTRY AT YOUR DOORSTEP**) The other salient features and benefits of the program includes: Training from Academic experts, One-to-one interactive session, Personal mentoring, hands-on training, and intensive practical sessions, replete with working knowledge in high end analytical instruments. *Each Industry imparting training will provide its own certificates in addition to participants will receive certificate from TIET upon completion Summer Skilling Program certificate for six weeks*

PROGRAM HIGHLIGHTS

The six weeks skilling program is divided in four modules

Module I: CATALYST III (Collegiate Alliance for Training & Advanced Learning for Young Scientists & Technologists) By GE Healthcare Life Sciences

Module II: Molecular medicine By BioRad, PALL Life Sci., Beckman Coulter & Faculty TIET)

Module III: Immunoinformatics and Genomics Tools (by Faculty TIET)

Module IV: Bioprocess Technologies (by Electrolab. & expert from Centre of Innovation and Bioprocess (CIAB) Mohali

ELIGIBILITY: PhD scholars, Undergraduate (BTech/BSc.) and Post graduate (MTech. /MSc. students in Biotechnology/ Life Sciences/ Microbiology/Biochemistry/ Botany/ Zoology/Chemistry/Allied Sciences.

APPLICATION PROCEDURE: Students need to submit the registration form after payment of **registration fee.Rs.10,000/-**(non refundable for external students) by any of the mode given below. The registration form may be submitted to the office of Dept. of Biotechnology or scanned copy of the registration form with payment details may be mailed to ssp2018tiet@gmail.com Registration fee includes registration kit, course material and Lunch and Tea snacks etc; Boarding/lodging to be borne by the candidate; Campus hostel accommodation can be provided on request on chargeable basis subject to availability.

Registration fee & Mode of Payment: Registration fee of Rs 10,000/- to be paid by Demand draft or **NEFT** transfer

- Name of the Beneficiary: Thapar Institute of Engineering and Technology
- A/c no. 676010011622
- Type of a/c: saving
- IFSC CODE: KKBK0000263
- SWIFT CODE:KKBKINBB
- Bank name and address: Kotak Mahindra bank Ltd. Leela bhawan , Patiala, Punjab, India.

For any further Queries you may contact the coordinators summer skilling Program

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