



**HINDUSTAN**  
INSTITUTE OF TECHNOLOGY & SCIENCE  
(DEEMED TO BE UNIVERSITY)



**TICEL BIOPARK LTD**

TIDCO Centre for Life Sciences

**DEPARTMENT OF BIOTECHNOLOGY**

**TICEL & HITS JOINT SHORT TERM  
TRAINING PROGRAM**

*on*

**BIOREACTOR, CELL CULTURE AND  
ANALYTICAL TECHNIQUES**



**15<sup>th</sup> - 20<sup>th</sup> July 2024**

## ABOUT HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE

Hindustan Institute of Technology and Science (HITS) is a prestigious Institution accredited with "A+" grade by NAAC, Govt. of India. QS, the reputed International Ranking Agency has awarded an overall rating of three star to the University. HITS has a cosmopolitan ambience with high calibre and learned faculty, who are thought leaders, consultants, technology implementers and inventors. The Institution is driven by the virtuous vision of the founder Chairman, Late Dr. K.C.G. Verghese, "To Make Every Man a Success and No Man a Failure" and is devoted to the excellence in Research, Teaching and Learning.

## ABOUT TICEL BIO PARK

Tamilnadu Industrial Development Corporation Limited (TIDCO) in association with TIDEL Park Limited had developed TICEL Bio Park Limited (TICEL) for providing infrastructure facility for Biotechnology / Pharmaceutical Research & Development activities at Taramani, Chennai.

## ABOUT THE BIOTECH DEPARTMENT, HITS

The Department of Biotechnology was established in the year 2013 and offers B. Tech M. Tech and PhD Degree Programme in Biotechnology. The Department is multi-disciplinary with faculty expertise ranging from Bioprocess Engineering, Biotechnology, Polymer Science, Nano-technology and Environmental Biotechnology. The Department has well established laboratories along with good infrastructure to carry out research. The Department has a strong desire of forging innovative alliance with industries to achieve academic excellence along with updated training on current professional practices. The Department offers technical expertise for problem solving through institute industry interaction. The Department also organizes conferences, symposiums, and workshops every year.

## ABOUT THE STTP

The certificate programme in Bioprocess, Cell culture and Analytical Techniques is a hands-on training programme with a focus on developing a pool of highly skilled manpower to meet the requirements of pharma companies, diagnostic laboratories, R&D organizations and to equip the undergraduate and post-graduate students for higher studies in life sciences. Currently, the opportunity for such a training programme is very limited and Hindustan Institute of Technology and Science (HITS) aims to plug this gap by providing intensive lab-oriented hands-on training programme in dedicated research laboratories.

## EVENT HIGHLIGHTS

Join us for a week filled with exploration of different biological techniques presented with a hands-on experience in fermentation, cell culture, and analytical techniques.

Day 1	HITS – Introduction to Bioreactor & Bioprocess Techniques
Day 2	HITS – Production of Industrial Enzymes and Bioethanol Production
Day 3	HITS – Basics on Cell Culture and Analytical Techniques
Day 4	TICEL – Lab visits and Hands – on training on Bioreactor and Fermentation Techniques
Day 5	TICEL – Bioprocess continued, along with demonstration of various instrument operation, lecture sessions on GMP and etc.,
Day 6	TICEL – Demonstration on animal cell culture and analytical techniques

### EXPERT MEMBERS

Dr. Srdja Drakulic, Senior Scientist,  
Cytiva, Uppsala, Sweden

Dr V. Senthil Kumar, Manager - Scientific/  
Bioprocess, TICEL Biopark Ltd, Chennai

Dr. Vinothkumar, Scientist,  
TICEL Biopark Ltd, Chennai

Dr. J. Sakthidasan, Associate Professor,  
Dept of Biotechnology, HITS

Dr. V. Gayathri, Associate Professor,  
Dept of Biotechnology, HITS

Dr. R. Govindrajan, Assistant Professor,  
Dept of Biotechnology, HITS.

### PROGRAM CO-ORDINATORS

Dr. R. Anitha, Assistant Professor (S.G)  
Dr. C. Hema Gayathri, Assistant Professor (S.G),  
Dept of Biotechnology, HITS

### REGISTRATION DETAILS

PARTICIPANTS	COURSE FEES
Students / Research Scholars	Rs. 5000
Faculty / Industry	Rs. 6500

The number of seats is limited to 30

### REGISTRATION LINK

<https://forms.gle/yfy5g9SK7R5CpPcF9>

### PAYMENT DETAILS

Account Number :	255402000000001
Beneficiary Name :	Hindustan Institute of Technology and Science
IFSC Code :	IOBA0002554
Bank :	Indian Overseas Bank
Branch :	Padur

### CONTACT DETAILS

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