

Centre for Continuing Education of NIT Warangal:

The Centre for Continuing Education of NIT Warangal organizes Continuing Education Programmes and Workshops in the frontier areas of Science, Engineering, Technology, Management, Humanities, Social Science and socially relevant themes on self-financing basis in three different modes: (i) At NIT Warangal by NIT Warangal (ii) At NIT Warangal in collaboration with other Organizations (iii) By NIT Warangal Faculty at the Host Organization/Institute.

About NIT Warangal:

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 13 Departments offering eight undergraduate and 32 post-graduate programmes besides doctoral programmes. About 5000 students across the country and about 500 international students study in the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure, state of the art library, seminar halls, guest houses and laboratories.



Brief Profile of the Department of Biotechnology:

The Department of Biotechnology was established in the year 2006 with B.Tech in Biotechnology. It also offers doctoral program in Biotechnology. The Department has a team of well experienced faculty, graduated from IIT's, NIT's, Central Universities and other premier Institutes of higher learning. The department has sophisticated instruments and softwares to carry out research in biotechnology and bioinformatics.

For any query regarding this programme, Please contact the Coordinators.

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Center for Continuing Education

ONLINE FACULTY DEVELOPMENT PROGRAMME on "Advances and Applications of Bioprocess Engineering Techniques"

24th-28th August, 2020

Call for Registration and Participation

Coordinators

Dr. K. Narasimhulu

Dr. Perugu Shyam

Organized by
Department of Biotechnology

In association with the
Center for Continuing Education



Overview of the FDP:

Bioprocess Engineering is an interdisciplinary area involving principles of both life sciences and engineering. Bioprocess Engineering principles and techniques are necessary in the production of industrial enzymes, primary metabolites and secondary metabolites, pharmaceuticals, specialty chemicals and also in environmental remediation, food processing, bioenergy. It also encloses bioenergetics, kinetics of cell growth and product formation, transport phenomena in biological processes, scale of upstream and downstream processes and different types of bioreactors.

Objectives:

- To enable participants learn and conceptualize Bioprocess techniques in various fields,
- Effectively analyze problems and identify solution of various types of bioreactors,
- To use different analytical techniques that are useful in the monitoring and control of bioprocesses,
- Development of high consistency liquefaction and consolidated bioprocessing technology.

Topics to be covered:

- Biochemical Engineering,
- Biopharmaceutical Engineering,
- Bioreactor Engineering,
- Environmental Engineering,
- Enzyme Engineering,
- Fermentation Technology,
- Food Biotechnology,
- Bioreactors in Tissue Engineering,
- Bionanotechnology,
- Biofuels and
- Metabolic Engineering.

Resource Persons:

Eminent faculty from IITs, Central Universities, Industry and Senior Faculty from different departments of NIT Warangal, will deliver lectures and conduct hands on sessions.

Registration is open to: Faculty members in all disciplines of Engineering, Sciences, Mathematics, Life sciences, Management, Post Doctoral Fellows, Research Scholars who have an aptitude to work in the areas of Bioprocess Engineering.

How to Apply: Eligible candidates may apply by filling the following google form with payment proof on or before 18th August, 2020

<https://docs.google.com/forms/d/1oB8CSkuG-neQyePER1JKL1jMpVZIDxenUsf-TS8mFYs>

Registration fee:

Category	Amount
Faculty, Post doctoral fellows , Research Scholars, PG students, UG students	Rs. 500 /-
Industry participants	Rs. 1000/-

Registration fee may be remitted Online through NEFT to the Bank account given below. Proof of remittance of the requisite registration fee (with transaction number if online transaction) shall be uploaded in the google form.

Account Number	62403680215 (Savings Account)
Account Name	Center for Continuing Education NITW
Bank Name:	State Bank of India (SBI)
Branch:	NIT Warangal
IFSC Code:	SBIN0020149

Confirmation of Participation:

On receipt of the google form and fee remittance receipt, participants will be sent confirmation of their participation through email by 26th August, 2020. As the programme is conducted online with hands-on sessions, the number of participants in the workshop is limited to 100. *Candidates are advised to register early to avoid disappointment.*