FACULTY DEVELOPMENT PROGRAM (FDP) (ONLINE MODE)
ON
Smart Solutions for Wastewater: Advances in Bioelectrochemical Treatment Technologies
(28/07/2025 to 01/08/2025)

Organized by

Department of Biotechnology, NIT Warangal

in association with

CENTRE FOR TRAINING AND LEARNING, NIT Warangal

(Established under the PMMMNMTT Scheme, Ministry of Education, Govt. of India)

Preamble:

The Centre for Training and Learning (CTL) has been established at NIT Warangal with grants from the Min. of Education, through its scheme *"Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT)"*. Under this Scheme, a separate building has been built exclusively for the CTL activities, with the state-of-art training facilities that include a studio for production and uploading of video and e-lectures on various subjects of higher education, training halls to train the faculty in various theme areas of Science and Technology, humanities and social sciences, linguistics and communication skills, pedagogy and cognition evaluation, etc. among others. One of the important objectives of the Centre is to conduct training programmes for the aspiring, newly inducted and in-service faculty in science, engineering, social sciences disciplines in higher education. Other activities of the CTL include preparation of print and e-learning materials, offering on-line courses, curriculum design, carrying out research in educational technology and pedagogy and integrating with ICT into teaching-learning process. The CTL has special programmes of training for the marginalized and women-faculty.

About FDP:

The programme would help the participants in understanding the importance of water and wastewater reuse, and treatment in various applications of the industry and daily public life. Participants would learn the recent advancements in biological wastewater treatment strategies used in water treatment plants. Participants could learn the analysis methods used for water and wastewater characterises. Participants could understand the challenges and prospects in environmental biotechnology and could make students realize possible outcomes/errors in their laboratory experiments.

Major Course Contents:

- To update the participants with the recent advances in new bioelectrochemical technology for treatment methods for drinking water and wastewater treatment.
- To enhance the understanding of the new methods and materials used for water reuse, drinking water treatment, industrial and municipal wastewater treatment.
- To empower the teaching and learning capabilities of the participants with emphasis on improvisation of their teaching skills of advanced topics of Environmental Biotechnology. To equip the participants with the knowledge of the experimental technique for teaching and research in Environmental Biotechnology.

Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal and Academicians in the concerned field from IITs/NITs/CSIR/Industries have been invited to deliver lectures in the programme.

Registration Fee Particulars:

Faculty (1000 + 180 GST)	**Rs.1180/-**
Students / Research Scholars (500 + 90 GST)	**Rs. 590/-**
Industry Participants (2000+360 GST)	**Rs.2360/-**

Participants need to pay the registration fees online using thefollowing details

Online Transfer Details

Account Name: **HEAD, CTL NITW**
Account No: **40376545007**
IFSC: **SBIN0020149**
Bank and Branch: **SBI, NIT (REC) Warangal**

How to apply:

Participants are required to fill the online registration form byclicking on the following link:
https://docs.google.com/forms/d/1YI8vBeXmvG-BgS8tKc-rHilmqcm0-xXlhS6H7bytXgo/edit

Selection Criteria:

Selection will be done on a first-come-first-serve basis to a maximum of 100. Additionally, 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case the candidate is not selected, the registration amount will be refunded. Candidates will be issued certificates on successful completion of the course. Reservations are followed to select candidates as per GOI norms.

Important dates:

Last date (Application & DD)	20/07/2025
Selection List by E- mail	25/07/2025

About NIT Warangal and Biotechnology Department:

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 India's top technical education institutions. The Department of Biotechnology was established in the year 2006 with B.Tech in Biotechnology. It also offers M.Tech and doctoral programs in Biotechnology . The faculties are actively engaged in majorly three research groups- Cell and Molecular Biology, Bioprocess Engineering and Computational Biology. The department is equipped with state of art research facilities catering for cutting edge

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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Mobile No :
6. Payment Details
   Reference No:
   Amount:
   Bank :
   Date:
7. Address for Correspondence:
8. Educational Qualification:
9. Subjects taught so far:
10. No. of refresher courses/workshops attended:
11. Experience (in years):
12. Teaching: Research: Industry:

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinator in case, I am unable to attend the course.

Date:
Place: **Signature of the Applicant**

It is requested to all the delegates, after completion of application form, all the payment details, screenshot of the payment and scanned application form must be uploaded in the following online registration link.

Registration Link:

For more details about CTL of NIT Warangal, please visit:
https://nitw.ac.in/tlc

For more enquiries please contact:

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Coordinators

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