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.

Dr. K. Narasimhulu  
Associate Professor, Department of Biotechnology, Mobile: 9985470286.  
E mail: simha_bt@nitw.ac.in

Dr. M. Jerold,  
Assistant Professor, Department of Biotechnology, Mobile: 9486252374.  
E mail: jerold@nitw.ac.in

National Institute of Technology Warangal

A 5-day FDP on “Advances in Biological, Biochemical, Biomedical and Bioenergy (AB³)”
9th - 13th November, 2020

Call for Registration and Participation

Coordinators
Dr. K. Narasimhulu  
Dr. M. Jerold

Organized by
Department of Biotechnology

In association with the
Centre for Continuing Education
Overview of the FDP:
Biotechnology and biochemical engineering are closely related to each other as biochemical engineering can be considered a sub-branch of biotechnology. One of the primary focuses of biotechnology is in the medical field, where biochemical engineers work to design pharmaceuticals, artificial organs, biomedical devices, chemical sensors, and drug delivery systems. Biochemical engineers use their knowledge of chemical processes in biological systems in order to create tangible products that improve people's health. The concerns relating to global warming, climate change, and increasing energy demands have led to significant research towards the development of alternative energy to substitute the fossil energy sources. Biomass-based energy or biofuels are highly promising due to many perceptible environmental and socio-economic advantages. Cutting-edge academic research and advanced industrial product development have created tremendous scope for the implementation of biofuels at a global scale to reduce the greenhouse gas emissions and supplement the escalating energy demands.

Objectives:
- To enable participants, learn and conceptualize advances in various fields of Biotechnology,
- Effectively analyze problems and identify solution of various types of biotechnology problems,
- Development of high consistency liquefaction and consolidated biotechnology.

Topics to be covered:
- Biochemical Engineering
- Biomedical Engineering
- Bioreactor Engineering
- Environmental Engineering
- Enzyme Engineering and Law
- Fermentation Technology
- Food Biotechnology
- Bionanotechnology
- Bioenergy
- Metabolic Engineering
- IPR issues of Biofuels

Resource Persons:
Eminent faculty from IITs, Central Universities, Industry and Senior Faculty from different departments of NIT Warangal, will deliver lectures and interact with participants.

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

How to Apply: Eligible candidates may apply by filling the following google form with payment proof on or before 3rd November, 2020.

Please follow the below link for Registration:
https://docs.google.com/forms/d/1XSr9vtWG4Ipyv970x7vWJD6Y7POLwrI-N2vASEm4iYQ

Registration fee:

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<th>Category</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Faculty, Post doctoral fellows , Research Scholars, PG students</td>
<td>Rs. 500/-</td>
</tr>
<tr>
<td>Industry participants</td>
<td>Rs. 1000/-</td>
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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.

Important Notice:
When transaction is being done, Participants are requested to mention the FDP code as AB4. It is mandatory.

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<td>Bank Name</td>
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<td>Branch</td>
<td>NIT Warangal</td>
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<td>SBIN0020149</td>
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Confirmation of Participation:
On receipt of the google form and fee remittance receipt, participants will be sent confirmation of their participation through email immediately. As the programme is conducted online, the number of participants in the workshop is limited to 100. Candidates are advised to register early to avoid disappointment.