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 M.Tech and doctoral programs 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: 9854702865.
E mail: simha_bt@nitw.ac.in

or

Dr. P. Onkara Perumal
Associate Professor, Department of Biotechnology, Mobile: 9642508262.
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National Institute of Technology Warangal
A 5-day online FDP on “Advances in Biotechnology and Bioinformatics (ABB)”
1st - 5th March, 2021

Call for Registration and Participation

Coordinators
Dr. K. Narasimhulu
Dr. P. Onkara Perumal

Organized by
Department of Biotechnology

In association with the Center for Continuing Education
Overview of the FDP:

Biotechnology and bioinformatics are closely related to each other as bioinformatics can be considered a sub-branch of biotechnology. One of the primary focuses of biotechnology is in the medical field, where bioengineers work to design artificial organs, biomedical devices, biosensors, and drug delivery systems. Bioinformatics is an interdisciplinary field that develops methods and software tools for understanding biological data. As an interdisciplinary field of science, bioinformatics combines biology, computer science, information engineering, mathematics and statistics to analyze and interpret biological data. The key areas of bioinformatics include biological databases, sequence alignment, gene and promoter prediction, molecular phylogenetics, structural bioinformatics, genomics, and proteomics.

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,
- To learn the Bioinformatics tools used in various fields.

Topics to be covered:

- Bioinformatics,
- Bioinstrumentation,
- Computational biology and biological data,
- Structural genomics,
- Functional genomics,
- Biochemical Engineering,
- Biomedical Engineering
- Environmental Biotechnology
- Enzyme Engineering,
- Food Biotechnology,
- Biofuels and Bioenergy
- Metabolic Engineering,
- Plant and Animal Biotechnology

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, Bioinformatics 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/e/1FAIpQLSf4N3fB6VUZa5JxOCB11lu_GvadsecvIKskMRKXdhtPYD2cVw/viewform?usp=sf_link

Registration fee:

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
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<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>
</tr>
</tbody>
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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.