



## ONLINE FACULTY DEVELOPMENT PROGRAMME(FDP)

ON

### SOFT COMPUTING TECHNIQUES

(1<sup>st</sup>– 9<sup>th</sup> October, 2021)

Organized by



### E & ICT Academy, NIT Warangal

In association with

### Vishnu Institute of Technology, Bhimavaram

(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

#### Preamble:

“Electronics & ICT Academy” was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes (FDPs) in standardized courses and emerging areas of Electronics, Information Communication Technologies, training and consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

This FDP is devoted to address the need to enhance the knowledge about the latest development pertaining to **Soft Computing Techniques** being conducted at **National Institute of Technology, Warangal**. The whole course is handled by academicians and industry experts.

#### Major Course Contents:

- Introduction to Soft Computing
- Artificial Neural Networks
- Fuzzy Logic
- Fuzzy-Neuro system
- Deep Learning Models
- Genetic Algorithm
- Particle Swarm Optimization
- Ant Colony Optimization
- Teaching Learning based Optimization
- Hybrid Intelligent Systems
- Case Studies of Soft Computing

#### Faculty conducting this programme:

The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IITs/Abroad are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

#### Eligibility:

The program is open to the Faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

#### How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/1JHQzC6eEA3kuWo18>

#### Registration Fee Particulars:

|                               |           |
|-------------------------------|-----------|
| Faculty and Research Scholars | Rs.750/-  |
| Industry Participants         | Rs.2250/- |

Participants need to pay the Registration Fee Online using the following details

|  |
|--|
| <b>Online Transfer Details</b>               |
| Account Name: Electronics & ICT Academy NITW |
| Account No: 62423775910                      |
| IFSC: SBIN0020149                            |

#### Selection Criteria:

Selection will be done based on first-come-first-serve basis to a maximum number of 100 (hundred). The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD/online payment will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

#### Important dates:

|   |                          |
|---|--------------------------|
| Last date for submission of Application | 25/09/2021 (11:59 PM)    |
| Selection List by E- mail               | 28/09/2021 (11:59 PM)    |
| Duration                                | 01/10/2021 to 09/10/2021 |

#### About NIT Warangal:

National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech. degrees in various branches of engineering, M.Tech. and Ph.D. programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

#### About VIT Bhimavaram:

Vishnu Institute of Technology was established in the year 2008. Over a decade, this institute has witnessed significant growth and stands out as one of the best engineering colleges in AP. This institute is accredited by NAAC twice with ‘A++’ grade (3.51/4) with its validity up to 2024. The institute has attained autonomous status for 10 years from the year 2019. Indian Merchant’s Chamber (IMC) recognized the services of VIT with its Ramakrishna Bajaj National Quality award in education sector (2010, 2011, 2017) and Asia Pacific Quality Organization (APQO) – Best in class Award (2012, 2018).



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1. Name :
2. Designation :
3. Institution :
4. Email :
5. Reference No: Bank: Date:

### SPONSORSHIP CERTIFICATE

Dr. /Mr. /Ms. .... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on "**Soft Computing Techniques**", sponsored by Electronics & ICT Academy during (1<sup>st</sup>– 9<sup>th</sup> October, 2021) at NIT Warangal.

Amount:

6. Address for Correspondence:

Signature of Head of Institution  
(with seal)

7. Educational Qualification:
8. Subjects taught so far:

Interested faculty members, please fill the following Google form:

<https://forms.gle/1JHQzC6eEA3kuWo18>

9. No. of refresher courses/workshops attended:
10. Experience (in years):  
Teaching: Research: Industry:
11. Do you belong to SC/ST : YES /NO

**Address for correspondence**  
Post your application form to

**Dr N. Padmavathy,**

**Professor and Head, Dept. of ECE,**

**Vishnu Institute of Technology, Bhimavaram**

**Andhra Pradesh, India.**

For more details about Electronics & ICT Academy, NIT, Warangal, please visit: <https://nitw.ac.in/eict>

For more enquiries please contact:

**Dr. Manjubala Bisi/ Mr. Abdul Rahaman Shaik**

**Mobile: +91-9502940360 / +91-9491185747**

#### **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.

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**Signature of Applicant**

### **Coordinators**

**Dr. N . Padmavathy**  
**Professor and Head,**  
**Dept. of ECE**  
**VIT, Bhimavaram, Ph: 9441703866**

**Dr. Manjubala Bisi**  
**Assistant Professor,**  
**Dept. of CSE**  
**NIT Warangal, Ph:9502940360**