

## FACULTY DEVELOPMENT PROGRAMME

on

### Machine Intelligence & Soft Computing

(10<sup>th</sup> July – 15<sup>th</sup> July, 2017)



Organized by  
College of Engineering (A), Andhra University, Visakhapatnam

in association with  
Electronics & ICT Academy  
National Institute of Technology, Warangal  
(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

#### Peamble:

"Electronics & ICT Academy" is being set up at NIT Warangal with financial assistance from MeitY and GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa States and Puducherry, Andaman & Nicobar Islands. The roles of the academy are to offer faculty development programmes in standardized courses and emerging areas of Computer Science, Electronics, Information Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; CEP for working professionals; Advice and support for technical incubation and entrepreneurial activities.

As part of this initiative, a Faculty Development Programme (FDP) on Machine Intelligence & Soft Computing is being conducted at Dept of Computer Science & Systems Engineering, Andhra University, Visakhapatnam.

#### Major Course Contents:

##### Algorithms such as

Linear Regression, Logistic Regression, Decision Trees, SVM, Naive Bayesian Classifier, KNN, K-Means, Random Forest, Dimensionality Reduction Algorithms, Ensemble algorithms Gradient Boost & Adaboost, ANN, Deep Learning algorithms along with their applications and implementation.

Soft Computing: Fuzzy computing, Neural computing, Genetic algorithms, AM, ART

#### Who can attend?:

The programme is open to the faculty of engineering colleges, MCA colleges and other allied disciplines in Telangana, Andhra Pradesh, Karnataka, Goa states and Andaman and Nicobar Islands, Puducherry UTs. Maximum of 5 numbers of Research Scholars are also eligible. Working professionals in Industry are also eligible.

#### Registration Fee Particulars:

##### A) Faculty and Research Scholars from above mentioned states/UTs:

- For Rs 2,500/-
- Participants who wish to claim SC/ST category need to pay Rs.1,250/-only instead of Rs.2,500/- and they need to send a copy of caste certificate with application.

##### B) Industry participants: Rs 6000/- (inclusive of boarding & lodging)

##### C) Participants from states/UTs other than above

**Mentioned :** Rs 2500/- Only (Lodging and boarding expenses are extra at actuals)

The participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at any nationalized bank located in Warangal of Telangana State.

#### Accommodation:

Outstation participants will be provided boarding & lodging in College guesthouses nearby. No TA/DA will be paid to the participants.

#### How to apply:

A filled-in form of application duly signed by appropriate authorities (along with DD) should reach the Prof Prasad Reddy, host institute coordinator on or before the last date by post/courier. Participants are requested to write their name and contact number backside of demand draft. It is also mandatory to send scanned application form and demand draft through E-mail to [prasadreddy.auce@gmail.com](mailto:prasadreddy.auce@gmail.com)

#### Selection Criteria:

Selection will be done based on *first-come-first-serve basis* to a maximum number of 50 (**fifty**). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through E-mail. In case if a candidate is not selected, the DD will be sent back. Candidates will be issued certificates along with grade on successful completion of the course. Reservations as per GOI norms are followed while selecting the candidates

#### Important Dates :

Last date (application & DD) : 3rd July, 2017

Intimation of Selected members: 5<sup>th</sup> July, 2017

Duration : 10th July, 2017 - 15th July, 2017

#### About the Institutes

**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 Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D. programs in various specializations.

Andhra University College of Engineering was started in the year 1960 and over the years, it grew from strength to strength. The Computer Science & Systems Engineering Department was founded in 1981. As three decades on, the department is a force for innovation, scientific discovery and global impact

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1. Name:

2. Designation :

3. Institution :

4. E-mail:

Mobile Number:

5. DD No:

Bank:

Date:

6. Address for Correspondence:

7. Educational Qualification with Specialization :

8. Subjects taught to far:

9. No. of refresher courses/workshops attended:

10. Experience (in years)

Teaching :

Research:

Industry :

11. Do you belong to reservations SC/ST/ (YES /NO):

If YES, please specify \*\* Attach photo copy

12. Do you require accommodation during Training : Yes / No

### 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 under take the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:

Date:

Signature of the applicant

### SPONSORSHIP CERTIFICATE

Dr. /Mr./Ms. ....  
Is an employee of our Institute/ Organization and is hereby sponsored to participate in the in the FDP on Machine Intelligence & Soft Computing sponsored by Electronics & ICT Academy, NIT Warangal during 10th - 15th July 2017 at College of Engineering (A), Andhra University, Visakhapatnam.

Place:

Signature of Principal/Head of Institute  
(with seal)

Date:

### Address for Correspondence

Post your application form along with DD (name and contact number on backside of DD) to

### **Prof. PRASAD REDDY, P.V.G.D**

Coordinator for FDP on Machine Intelligence & Soft Computing  
Head, Dept. of Computer Science & Systems Engg  
College of Engineering, Andhra University,  
Visakhapatnam - 530 017, ANDHRA PRADESH

Please visit: <http://nitw.ac.in/eict/> for more details about Electronics and ICT academy.

Please contact @ 9393112979 or [prasadreddy.auce@gmail.com](mailto:prasadreddy.auce@gmail.com) for more enquires about this FDP

### COORDINATORS

### **Prof. PRASAD REDDY, P.V.G.D**

Head, Dept. of Computer Science & Systems Engg  
College of Engineering, Andhra University,  
Visakhapatnam - 530 017, ANDHRA PRADESH

Dr RBV Subramanyam

Co-Chief Investigator, E & ICT Academy,  
Department of Computer Science and Engineering  
National Institute of Technology  
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