



**Student Workshop**  
**On**  
**Machine Learning & Deep Learning for Natural Language Processing**

(22-12-2017 to 27-12-2017)

**Organized by**

**Department of CSE**

**National Institute of Technology, Warangal.**

**Under the Scheme of Electronics & ICT Academy**

**(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 in standardized courses and emerging areas of 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 student workshop on **Machine Learning & Deep Learning for Natural Language Processing** is being conducted at **NIT Warangal** to the students of NIT Warangal and NIT Andhra Pradesh.

**Introductory Video Link:**

**Why Machine Learning is The Future? | Sundar Pichai Talks About Machine Learning:**

**<https://www.youtube.com/watch?v=5cFUZ03Sbhc>**

**Major Course Contents:**

- Overview of Machine Learning & Neural Networks
- Neural Networks: Learning, issues and Applications
- Introduction to Deep Learning in NLP: Word vectors
- Popular Deep Learning Architectures
- Tensorflow: Machine Learning framework
- Coding Session, Demos and Discussions

**Registration Fee Particulars:**

|                            |  |
|----------------------------|--|
| Students from NIT Warangal | Rs. 1500/- (excluding boarding and lodging charges)    |
| Students from NIT AP       | Rs. 2500/- (including of boarding and lodging charges) |

The participants need to send a crossed demand draft (DD) drawn in favor of "Director, NIT Warangal" and payable at SBH, NIT Warangal branch.

**Eligibility:**

The workshop is open to the students of NIT Warangal and NIT Andhra Pradesh Only

**Accommodation:**

Accommodation and Food is provided only for NIT AP students

**How to apply:**

A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (along with demand draft) should reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail to [eict.nitw@gmail.com](mailto:eict.nitw@gmail.com) as selection will be intimated only through mail.

**Selection Criteria:**

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

**Important dates:**

|                              |  |
|------------------------------|--|
| Last date (Application & DD) | 18 <sup>th</sup> December, 2017                    |
| Selection List by E-mail     | 20 <sup>th</sup> December, 2017                    |
| Duration                     | 22 <sup>nd</sup> – 27 <sup>th</sup> December, 2017 |

**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.



## **APPLICATION FORM**

### **Workshop**

### **ON**

## **Machine Learning & Deep Learning for Natural Language Processing**

**(22-12-2017 to 27-12-2017)**

**Organized by**

**Department of CSE**

**National Institute of Technology, Warangal.**

1. Name :
2. Institution :
3. Email :
4. DD No: Bank: Date:
- Amount:
5. Address for Correspondence:

### **SPONSORSHIP CERTIFICATE**

Dr. /Mr. /Ms. .... is a student of our Institute/Organization and is hereby sponsored to participate in the FDP on “**An Introduction to Machine Learning & Deep Learning for Natural Language Processing**”, sponsored by Electronics & ICT Academy during 22<sup>nd</sup> – 27<sup>th</sup> December, 2017 at NIT Warangal.

Signature of Head of Institution  
(with seal)

6. Educational Qualification:
7. No. of refresher courses/workshops attended:
8. Accommodation required: YES /NO
9. Do you belong to SC/ST : YES / NO  
(If yes, please specify)

### **Address for correspondence**

*Post your application form with DD to*

**Prof. D. V. L. N. Somayajulu,  
Chair,  
E & ICT Academy,  
NIT Warangal, Warangal – 506004  
Telangana State**

*E-mail the scanned copies of filled-in and duly signed application form along with DD to*  
[eict.nitw@gmail.com](mailto:eict.nitw@gmail.com)

### **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.

Place:  
Date:

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

*For more enquiries please contact:*  
Mobile: 0912 101 6547

Signature of the Applicant

### **Coordinators**

**Prof. D. V. L. N. Somayajulu  
Chair  
E & ICT Academy,  
National Institute of Technology  
Warangal-506004  
Telangana State, India**