



NATIONAL INSTITUTE OF TECHNOLOGY ANDHRA PRADESH

(An autonomous Institute under the aegis of Ministry of Education, Govt. of India)

Department of Computer Science and Engineering

Five Days Online Faculty Development Programme on DEEP LEARNING FOR NLP

21st – 25th March 2022

About the FDP and Call for Registration



Patron

Prof. C.S.P. Rao

Director, NIT Andhra Pradesh



Coordinator1

Dr. K. Hima Bindu

Assistant Professor & Head, Dept. of CSE



Coordinator2

Dr. Nagesh Bhattu S

Assistant Professor, Dept. of CSE

The main objective of this FDP on “Deep Learning for NLP” is to impart participants with the know-how of solving problems related to Natural Language Processing such as Language modeling, Sentiment Analysis, Question answering and Machine Translation. The FDP will comprise of both theoretical and hands-on sessions to provide the participants with a comprehension of Language Models, Sequence to Sequence models, Word Embeddings, Recurrent Neural Networks, Transformers, Neural Machine Translation and Question Answering Systems.

National Institute of Technology, Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh is established in the state of Andhra Pradesh recently in the academic year 2015 – 2016. The institute offers B.Tech., M.Tech., M.B.A, M.S. (by research) and Ph.D. programmes in major Engineering disciplines.

The department offers B. Tech, M. Tech (Computer Science and Data Analytics), M.S (by Research) and Ph.D. programmes. The department has qualified, dedicated, experienced faculty with a deep sense of commitment towards the students and institution. Faculty proficiency in thrust areas of Computer Science motivates students to participate in research activities and skill development programs. The department has a very good placement record. Faculty research interests include, but are not limited to the following areas; Artificial Intelligence, Machine Learning, Pattern Recognition, Soft computing, Big data Analytics, NLP, Deep Learning, Cyber Security, Cryptography.



Schedule

Date	FN Session 10:00 AM to 12:00 PM	AN Session 2:00 PM to 4:00 PM	
21. 03.2022	Word Embedding Methods (Word2Vec, Glove) (Dr. Nagesh Bhattu S, NIT AP)	Language Modeling (Dr. K. Hima Bindu, NIT AP)	
22. 03.2022	Sequence Labeling with CRF (Hands on for CRF) (Dr. Nagesh Bhattu S, NIT AP)	Back Propagation Through Time & LSTM (Hands on) (Mr. Shashank B.N., NIT AP)	
23. 03.2022	Attention Models (Dr. K. Hima Bindu, NIT AP)	Transformers, BERT (Hands on) (Mr. N. Kiran Babu, NIT AP)	
24. 03.2022	Question Answering (Dr. K. Hima Bindu, NIT AP)	Mixed Script POS Tagging (Mr. N. Satya Krishna, IDRBT)	
25.03.2022	Neural Machine Translation (Dr. Asif Iqbal, IIT Patna)	Aspect Oriented Sentiment Analysis (VRPS Sastry.Y, NIT AP)	Quiz

General Instructions

The participants of the course will be faculty & Ph.D. scholars from technical institutions. A Registration fee of needs to be paid only after getting the confirmation email from the FDP coordinator. Selection will be done on a First Come First Served basis. Shortlisted candidates will be informed through email. Modality of the programme is online webinars through GMeet. **E-certificates** will be issued to the participants who attend all the sessions and clear the quiz at the end of the programme.

Registration Fee

Faculty from Academic Institutions / Industry: Rs. 500

Research Scholars / Students: Rs. 300

Please [Click here](#) for online registration.

Account Details

Ac.Name- Director NIT Andhra Pradesh, Ac.No.40107272308,

IFSC- SBIN0016305, Bank- SBI, Branch- Satyavathinagar, Tadepalligudem-534 101

Last date for receipt of application: 18th March 2022

Coordinators

Dr. K. Hima Bindu & Dr. Nagesh Bhattu S

Assistant Professors,

Department of Computer Science and Engineering

NIT Andhra Pradesh

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