Department of Computer Science and Engineering
Jaypee Institute of Information Technology, Noida
ONLINE
Faculty Development Programme
on
Deep Learning for Natural Language Processing

28th June – 03rd July, 2021

The field of Natural Language Processing (NLP) is one of the most important application areas of the Artificial Intelligence. NLP is undergoing rapid evolution as new methods and toolsets converge with an ever-expanding availability of data. This FDP will comprise of both theoretical and hands-on sessions to provide the participants with a comprehension of the state-of-the-art natural language processing methods so that participants can impart teaching of the NLP concepts, can develop NLP based products and can pursue research in the field of the NLP. The objectives of the FDP are to -

- Expose participants to the latest trends and developments in the domain of Natural Language Processing.
- Give participants knowledge of the deep learning approaches in the NLP tasks.
- To provide exposure to the effective approaches to solve a range of practical NLP applications

ABOUT US

Jaypee Institute of Information Technology (JIIT), Noida was established in the year 2001 and has been declared as a "Deemed to be University" under Section 3 of UGC Act 1956. The university is accredited by the National Assessment and Accreditation Council (NAAC) of the UGC, recognised by the All India Council of Technical Education (AICTE) and listed in NIRF (MHRD) engineering category ranking 2016, 2017, 2018, 2019 and 2020. JIIT's state-of-the-art & environmentally conditioned campus comprises smart buildings with Wi-Fi connectivity covering the Academic Block, Business School cum Research Block, Faculty Residences, Student Hostels and Annapurna. Well-equipped modern laboratories and an intellectually stocked Learning Resource Centre provide a pleasant and stimulating academic ambience. For more info visit: http://www.jiit.ac.in

DEPARTMENT OF COMPUTER SCIENCE & ENGINNERING AND INFORMATION TECHNOLOGY

The Department of Computer Science & Engineering and Information Technology is a center of excellence that provides high quality education to develop future leaders in all aspects of computing including education and entrepreneurship, contributes practically relevant and cutting edge research, and catalyzes IT entrepreneurship. It offers 3 undergraduate and 5 post graduate engineering as well doctorate programs. Currently under graduate, post graduate, and doctorate students are actively engaged in frontier research domains of IT.

PROGRAMME HIGHLIGHTS

Following areas would be focused in the Faculty Development Program

- Language Modelling
- Supervised Models for NLP
- Sequence to Sequence Learning and Attention Models for NLP tasks
- Deep Learning for Question & Answer based Systems
- Efficiency Analysis on Part of Speech Taggers
- Semantic Parsing to Generate Abstract Representations
- Frameworks for Designing Dialog Agents
- Recent Trend in Sentiment Analysis
- Deep Learning for Machine Translation
- Deep Learning for Document Summarization
- Current Trends in Natural Language Processing

RESOURCE PERSONS

- Dr. Asif Ekbal, IIT Patna
- Dr. P. Balamurugan, IIT Bombay
- Dr. Dipankar Das, Jadavpur University
- Dr. Deepak Saini, Coforge, India
- Dr. Girish Nath Jha, Jawaharlal Nehru University
- Dr. Nagesh Bhattu Sristy, NIT Andra Pradesh
- Dr. Partha Pakray, NIT Silchar
- Dr. Sandipan Dandapat, Microsoft Research Lab, Bangalore, India
- Dr. K. Vimal Kumar, JIIT Noida
- Dr. Arti Jain, JIIT Noida
- Dr. Pulkit Mehndiratta, JIIT Noida
- Dr. B. Suresh, JIIT Noida

WHO CAN PARTICIPATE

PhD Scholars/Research Scientists/Academicians/Industry personnel, who want to get exposure to this new technology and interested in knowing more about the Artificial Intelligence and Linguistics.

MODE OF CONDUCT

ONLINE : https://meet.google.com

The link of each session will be shared on the previous day via E-mail.

REGISTRATION DETAILS

There is no registration fee. However, the seats are limited to 100 candidates on a first come first serve basis

Interested candidates can register online for this Faculty Development Program using the link: https://bit.ly/3uZCcj4

IMPORTANT DATES

Last date of online registration: **15th June 2021**
Selection list communicated by email: **20th June 2021**
Date of the programme: **28th June 2021 – 3rd July 2021**

PARTICIPATION CERTIFICATE

E-certificates shall be issued to those participants who have attended the program with minimum 80% attendance.

CO-ORDINATORS

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