National Workshop

ON

Soft Computing
and
Language Processing

(SCLP-2018)

27th –28th April, 2018

विद्या तत्व ज्योतिसम:

Organized by

Department of Computer Science & Engineering and Information Technology

**Jaypee Institute of Information Technology, Noida
(Declared Deemed to be University under Section 3 of UGC Act 1956)**

About the Institute

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. JIIT is ranked as 54th best in the country among all Govt./Pvt. Engineering Institutions and recognised the 3rd best in North India among Pvt. Engineering Institutions by NIRF (MHRD) ranking 2017. 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 ambience.

About the Program

Soft Computing is used to solve complex real-world problems where traditional methods generally fail. Major constituents of soft computing techniques are Fuzzy Logic, Evolutionary Algorithms, and Neural Networks. The aim of this proposed workshop is to educate the participants about advanced techniques and their application into Natural Language Processing. The program will be delivered with practical approaches to convey information more effectively with hands-on practice sessions. The workshop will be beneficial to faculty members, research scholars, and M.Tech. Students.

Resource Person

A set of prominent faculty members from Institutes of the National importance would deliver the expert-lectures and hands-on sessions

Technical Sessions

The major contents of sessions will cover the following.

- Language Technology Resource Development and the Big Data Complexities
- Machine Learning Techniques for Natural Language Processing (NLP)
- Neuro-Fuzzy Systems and Deep Learning Models for NLP

Registration

To register for this Workshop, the applicant is required to fill in registration information online at https://docs.google.com/forms/d/1VuIFN2f0Pmw1KXtbx3OKBl286b1fkp7rlTPJqcPE0U0/ before registration deadlines: **15th April, 2018**.

Registration fee
Industry personnel	Rs. 2000/-
Faculty	Rs. 1000/-
Students/Research Scholar:	Rs. 500/-

The applicant need to **pay through NEFT** to the beneficiary using details: **Beneficiary Account Name:** Jaypee Institute of Information Technology. **Account number:** 910010050443719 **Bank Name:** AXIS bank , **IFSC-Code** : UTIB0000372, **Bank Address :** Karkardooma, Delhi

- Registration fee is waived for the participant from JIIT and its sister institutions.

- Please bring a proof of your identity for claiming the category.

Chief Patrons

Hon'ble Shri Jaiprakash Gaur ji

Hon'ble Shri Manoj Gaur ji

Patrons

Prof. S. C. Saxena, Vice Chancellor, JIIT

Prof. H. O. Gupta, Director, JIIT 128

JIIT Advisory Committee

Prof. Krishna Gopal, Dean (A&R)

Prof. Padam Kumar, Dean (RID)

Prof. Sanjay Goel, HoD (CSE/IT)

Prof. S.C. Katyal

Organising Committee

Convenor :   Prof. Krishna Asawa

Coordinators :   Dr. Mukta Goyal

                Dr. Chetna Gupta

Members :   Mr. Sudhanshu Kulshretha

                Mr. Santosh Verma

                Ms. Anshu Malhotra

Who Can Participate

The program is open to all the Faculty Members/ Scientists/ Engineers/ Research Scholars/ working in Educational Institutes/ Industries/ R&D organizations.

Important Dates

Registration Deadlines Extended to : **20th April, 2018**

Display of List of Selected Participants: **21th April, 2018**

How to Apply

The interested persons may register online and e-mail the copy of the same to the -

Dr. Mukta Goyal
Department of Computer Science and Engineering
Jaypee Institute of Information Technology,
Sector -128, Noida-201304, U.P.
Contact no: 0120-4195854

Email : mukta.goyal@jiit.ac.in

Accommodation and Support

All the participants would be provided working tea and lunch on each day of the workshop. Limited paid accommodation may be available on request on first come first served basis.

Venue

Jaypee Institute of Information Technology,

Jaypee Green Wish Town,

Sector-128, PIN 201304

Noida (UP)

http://www.jiit.ac.in

How to Reach

Metro: The station closest to the JIIT-128 campus is Botanical Garden, Noida. Autos and Cabs are available from there.

Railway Station : Hazarat Nizamuddin, New Delhi Railway Station and Old Delhi railway station connect Noida to the Indian Railway Network.

Correspondence Address

Prof. Krishna Asawa
Department of CSE,
Jaypee Institute of Information Technology,
Jaypee Green Wish Town,
Sector-128, Noida-201304
E-mail: krishna.asawa@jiit.ac.in
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For any further information / assistance you may contact following faculty coordinators-

Dr. Mukta Goyal : +91 9999890997
Dr. Chetna Gupta : +91 9560431548

Department of Computer Science and Engineering
Jaypee Institute of Information Technology, NOIDA
National Workshop
On
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Day-1, 27-04-2018		
Time Slot	**Session**	**Venue**
9:30-10:00	Registration	Out side CR 60
10:00-10:30	Inaugural Ceremony	CR 46
10:30-11:00	**Tea-Break**	Out side CR 60
11:00:12:00	Language Technology Resource Development and the Big Data Complexities **Prof. Girish Nath Jha, JNU, New Delhi**	CR 60
12:00-13:00	Hands on - How to create Online Lexical Resources **Prof. Girish Nath Jha, JNU, New Delhi**	CL3
13:00-14:00	**Lunch–Break**	Annapurna
14:00-15:00	Building Question-Answering System Based on Unstructured Text Using NLP Techniques **Mr. Deepak Saini, Sapient Global Markets**	CR 60
15:00-15:15	**Tea-Break**	Out side CR 60
15:15-16:15	Demonstration on- How to design Virtual Assistant **Mr. Deepak Saini, Sapient Global Markets**	CR 60
Day-2, 28-04-2018		
10:00-11:00	Fuzzy Inference and Deep Neural Network **Dr. Nischal Verma, IIT Kanpur**	CR 60
11:00-11:30	**Tea- Break**	
Research @ JIIT in the Language Processing		
11:30-13:00	POS Tagger and Machine Translation Approaches for Indian Languages **Mr. Vimal Kumar and Ms. Arti Jain**	CR 60
13:00- 14:00	**Lunch–Break**	Annapurna
14:00-15:00	Machine Learning Approaches for Dialect Analysis and Generation **Ms. Akanksha Bhardwaj**	CR 60
15:00 onwards	Closing Remarks and Certificate Distribution	CR 60

Convener   **Coordinators**
Dr. Krishna Asawa (9811445710)   **Dr. Mukta Goyal (9999890997)**
                                                             Dr. Chetna Gupta (9560431548)