PATRON

Dr. Manohar Singh Saini

CHAIRMAN

Er. Amanpreet Singh Brar

COORDINATOR

Er. Parminder Singh

Co-COORDINATOR

Er. Sumeet Kaur Sehra

ORGANIZING COMMITTEE

Er. Jasbir Singh Saini (Assoc. Prof.)

Er. Vivek Thapar (Asstt. Prof.)

Er. Sukhjit Singh Sehra (Asstt. Prof.)

Er. Gurjit Kaur (Asstt. Prof.)

Er. Kirandeep Kaur Grewal (Asstt. Prof.)

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Er. Gagandeep Kaur (Asstt. Prof.)

Er. Diana Nagpal (Asstt. Prof.)

Er. Rajveer Kaur (Asstt. Prof.)

Er. Shailja (Asstt. Prof.)

Er. Jasdeep Kaur (Asstt. Prof.)

Er. Supreet Kaur (Asstt. Prof.)

REGISTRATION FEES

There is no registration fee for the participants from AICTE recognised institutes. However, at par cheque of Rs. 1000/- (drawn in favour of "Director, Guru Nanak Dev Engineering College, Ludhiana", payable at Ludhiana) should be enclosed with the application form, which will be refunded to the participants who will attend the course. The other participants will have to pay non-refundable registration fee of Rs. 5000/- by a demand draft.

HOW TO APPLY

Interested persons should register at http://gndec.ac.in/fdp_nlp and printout of the registration form duly recommended/sponsored by the competent authority should reach the coordinator on or before 31st December, 2013.

ADDRESS FOR CORRESPONDENCE

Er. Parminder Singh

Associate Professor,

Dept. of Computer Science & Engineering,

Guru Nanak Dev Engineering College,

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E-mail: fdp_nlp@gndec.ac.in

TEQIP-II SPONSORED

FACULTY DEVELOPMENT PROGRAMME

on

NATURAL LANGUAGE PROCESSING

(13th-17th January, 2014)

Organised By

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Guru Nanak Dev Engineering College

Gill Road, Ludhiana, Punjab-141006

An Autonomous College under UGC Act 1956 [2(f) and 12(b)]

http://gndec.ac.in

ABOUT INSTITUTE

Guru Nanak Dev Engineering College (GNDEC), Ludhiana (established in 1956), is one of the oldest and a premier Engineering Institute of India. The institute is set up on 88 acres of sprawling pristine land on Ludhiana-Malerkotla Highway. The foundation stone of the college was laid by Honorable Dr. Rajendra Prasad Ji, President of India on 8th April, 1956. GNDEC is now an autonomous college under UGC Act 1956 [2(f) and 12(B)]. The institution has seven B.Tech., thirteen M.Tech., MBA and MCA courses, besides being a QIP centre for Ph.D. All the undergraduate courses of the institute are accredited by National Board of Accreditation (NBA), AICTE, New Delhi.

ABOUT DEPARTMENT

Computer Science & Engineering Department was established in 1997 and is currently offering undergraduate and postgraduate courses with an intake of 180 and 18 students respectively. The department has various laboratories equipped with state-of-the-art computing facilities to support the research and teaching activities. A library with good number of books for the exclusive use by faculty and students is located in the premises of the department.

ABOUT LUDHIANA

Ludhiana city is a well known Industrial hub in Northern India, especially for manufacturing bicycles, cycle parts, sewing machines, hosiery, etc. The city is well connected by direct rail service with all parts of India. The establishment of the city dates back to 16th century when the Lodhi dynasty set up the city on bank of river Sutlej. The city is now a bustling metropolis with all modern amenities. The weather at Ludhiana in the month of January is cold with temperature around 12°-14 °C.

OBJECTIVE

The objective of this faculty development programme is to provide an exposure to the field of Natural Language Processing (NLP) and to discuss the recent research issues, challenges and applications in this field. Processing of human languages is the need of the time to ease human-machine interaction as well as to bridge the language divide. To achieve human-like language processing artificially, computerised approaches based on theories and technologies are employed. NLP based information access technologies will continue to be a major area of research and development in information systems now and far into the future.

This programme will be beneficial for academicians and researchers to get insight of challenges for processing natural languages and will also facilitate them to develop a computational model for a particular application.

The programme will be focused on:

• Optical character recognition

• Machine translation and transliteration

• Text-to-Speech synthesis

• Speech recognition

• Text summarization

• Information retrieval and extraction

• Applications of natural language processing, etc.

RESOURCE PERSONS

The course will be conducted by highly qualified and experienced experts from organizations like IITs, DRDO, C-DAC, Punjabi University Patiala, Panjab University Chandigarh, Thapar University Patiala, SLIET Longowal and GNDEC Ludhiana.

WHO CAN APPLY?

The program is designed for the academicians, research scholars, faculty members, and professionals, who are keen to explore the field of NLP for different research opportunities and discuss the challenges for the development of different applications in this field.

BOARDING AND LODGING

Accommodation is available in the college Guest House and Hostels on reasonable charges. Boarding and lodging of selected participants will be provided only on prior request.

HOW TO REACH

The beautiful campus is about 15 kms. away from local airport, 7 kms. from railway station and about 5 kms. from bus stand.