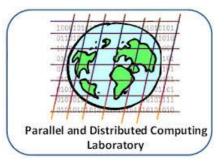# NATIONAL SEMINAR
ON
RECENT TRENDS
IN
INFORMATION TECHNOLOGY

7TH NOVEMBER, 2015

natural language processing

Process Scheduling in Operating System

Parallel and Distributed Computing Laboratory

ORGANISED BY:

Department of Computer Science

CHIEF PATRONS:

Bibi Rajbans Kaur	S. Devinder Singh Jattana	S. Sukhwinder Singh Visky
(President, Managing Committee)	(Secretary, Managing Committee)	(Manager, Managing Committee)

Chief Coordinator : Principal Prof Surmukh Singh (01881-263533)
Coordinator : Ms. Amrita Kaur (9463680940)
Organizing Members : Faculty of Department of Computer Science

AMAR SHAHEED BABA AJIT SINGH JUJHAR SINGH MEMORIAL COLLEGE, BELA, DIST. ROPAR PUNJAB - 140111

(A premier Multi Faculty co-educational NAAC Accredited institution)
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ABOUT THE SEMINAR:

With the invent of LPG (Liberalization, privatization and globalization) we have reached a threshold of information explosion with constant proliferation of knowledge. Technological advancements are occuring at break-necking speed and everyone is striving to cope up with it. Our current globalized world is highly working on the 'participate or perish' policy so that only the best will be able to survive. With this aim in mind we have designed this seminar to amalgamate experts from higher institutions of national repute and importance to enlighten our students about the current scenario of NLP in the field of computing and the relevance of various scheduling schemes in the area of parallel and distributed systems.

Natural Language Processing is a branch of Artificial Intelligence dealing with analyzing, understanding and generating languages used by humans naturally to interface with computers in written and spoken form in place of computer languages.

Scheduling is an activity of the process manager of an OS that handles removal of currently running process from the CPU and selection of another process based on some strategy. In Parallel computing many calculations are executed simultaneously, based on the principle that large problems can be divided into smaller ones, which can be solved simultaneously. Distributed computing involves software system where components located on different computers communicate to coordinate their actions on a network to achieve a common goal.

Technical Session I: **Recent trends in Natural Language Processing**
Dr. Vishal Goyal, Assistant Professor, Department of Computer Science, Punjabi University Patiala

Technical Session II: **Recent trends in Scheduling in Parallel and Distributed Systems**
Prof. Nitin Auluck, Head, Department of Computer Science & Engineering, IIT Ropar

Technical Session III: Paper / Poster Presentation by delegates and quiz of students.

*Research papers are invited for the Poster / Paper presentation on the topic: **Recent Trends in IT.** Abstract of not be more than 300 words should be sent to **ns2015comp@gmail.com.** Last date to submit abstract for Paper / Poster presentation is 2 Nov, 2015. Confirmation of Acceptance will be given by 4 Nov, 2015.*
Quiz will also be conducted for IT students exclusively based on recent trends in IT. Best three posters/papers and top three quiz competitors shall be awarded.

ABOUT THE COLLEGE:

Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial College, Bela, Ropar came into existence in the memory of Sahibzada Ajit Singh and Jujhar Singh, the elder sons & the true disciples of Guru Gobind Singh, who laid their lives fighting the cause of religion, peace and independence at their tender age.

      The college was inaugurated by the then chief-minister Mr. Giani Zail Singh on 6th February, 1975. The fort of S. Hardyal Singh Bela, the Sardar of Manauli, was rehabilitated first into school and then into college. S. Hardyal Singh ji was a very religious-minded person who had also constructed the gurudwara Katalgarh Sahib at Chamkaur Sahib. The coeducational institution has proven as a boon for this rural and remote area.

PROGRAMMES RUN BY THE COLLEGE

Bachelor's Degree

- B.A.
- B.B.A.
- B.C.A
- B Com
- B.Sc. (Comp. Appl.)
- B.Sc.(Bio Tech)
- B.Sc. (N.M.)
- B.Voc. (Retail Mgt & IT)
- B.Voc. (Food Processing)

Master's Degree

- M.Sc. (IT)
- M.Com.
- M.Sc. (Mathematics)
- M.Sc. (Bio Tech)

Diploma Courses

- P.G.D.C.A
- P.G.D.J.M.C.
- Short Term Certificate Courses

National Seminar on

"RECENT TRENDS IN INFORMATION TECHNOLOGY

Registration Form

Name(Mr. /Ms.)   :_____

Designation   : Student / Staff

Class/Stream   :_____

College   :_____

Address   :_____

E mail id   :_____

Participate in   : Quiz / Paper presentation / Poster presentation / participate

Title of the Paper   :_____

Signature of Participant

PLEASE NOTE:

❖ Spot registration will take place at 9:00 am on the day of the Seminar.
❖ Registration Fee for faculty and professionals is Rs. 200 and for students is Rs.100.
❖ Accommodation arrangements will be made by the college only on prior intimation by the participant.
❖ Certificates will be given only after the Valedictory address.
❖ Identity proof of students is required on the day of the seminar.
❖ Last date to submit abstract for Poster / Paper presentation is 2nd Nov, 2015 to **ns2015comp@gmail.com.**
❖ Confirmation of Acceptance will be given by 4th Nov, 2015.
❖ The selected papers will be published in the form of proceedings.

For any query, contact: Coordinator -9463680940