

# Punjab Technical University

## Sponsored National Workshop

on  
**Role of Artificial Intelligence & Simulation  
Tools in Engineering**  
11th April, 2014



### Registration Form



1.Name: \_\_\_\_\_

2.Designation: \_\_\_\_\_

3.Department: \_\_\_\_\_

4.Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

5. Field of Specialization: \_\_\_\_\_

6.Tel.No./Mob.No/Fax.No.: \_\_\_\_\_

7. Email ID: \_\_\_\_\_

8. Accommodation required (Yes/No): \_\_\_\_\_

Signature

Signature  
(Head of Institution  
with Seal)

### Chief Patron

S. Rashpal Singh Dhaliwal  
President, Chandigarh Group of Colleges

### Patrons

Dr. G.D Bansal  
Director General- CGC Technical Campus  
Dr. Raman Chadha  
Principal -CGC Technical Campus  
Dr. Ashwani K. Sharma  
Professor-CGC Technical Campus

### Local Organizing Committee

Dr. Manoj Sharma, HoD ECE-Organizing Secretary  
Ms. Manjusha - Coordinator

### Members

Ms. Rajbeer Kaur- Associate Professor  
Ms. Jaskiranjot-- Assistant Professor  
Ms. Sheenu- Assistant Professor  
Mr. Rahul Vij- Assistant Professor

### Advisory Committee

Dr. B. S. Sohi (Pro V.C.-CU, Gharuan)  
Dr. R.K.Khola-Ex. Sr. Scientist, ISRO  
Dr.Rajneesh Talwar, Principal CGC CoE, Landran  
Dr. Manoj Taleja-GGSIPU, Delhi  
Dr. Ramesh Vats, NIT Hamirpur  
Dr. Deepak Kedia-GJUS&T, Haryana  
Mr. Naresh Kumar- UIET, Panjab University  
Dr. Ashwani Dhingra, UIET, MDU Rohtak



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11th April, 2014



**Organized By:**  
**Department of Electronics & Communication  
Engineering**



**CGC Technical Campus (CGCTC),  
Jhanjeri (Mohali) Punjab-140307**  
(Approved by AICTE and Punjab Govt.)  
Affiliated to PTU, Jalandhar)  
Email: info@cgc.ac.in, Contact No. 0160-3045340

## About CGC Technical Campus, Jhanjeri

CGC Technical Campus Jhanjeri comprises of Faculty of Engineering (FOE) and Faculty of Management (FOM). The FOE offers **M. Tech** courses in CSE, ECE, **B. Tech** courses in CSE, ECE, ME and Civil Engineering and **Diploma** courses in Civil & Mechanical Engineering, while the Faculty of Management encompasses management courses at Bachelor and Master Levels leading to **BBA and MBA** degrees. Bachelor in Computer Applications (**BCA**), **B.Com (Professional) & B.Sc. (Agriculture)** courses are also offered at this campus. This beautifully designed, constructed and landscaped campus has State-of-the-Art infrastructure, and equipment as well as highly qualified & experienced Faculty to groom the students to grow into world class professionals who would be ready to meet the global needs of the corporate sector befittingly. A special attention is given to overall development of the students to become ethical and socially responsible citizens of India contributing significantly towards India's march towards becoming a global Leader.

**Department of Electronics & Communication Engineering** was started in the year 2012 with the mission of providing effective engineering education and training to the students for innovative approaches leading to successful professional career in the field of Electronics & Communication Engineering. Within this short span of time the department has grown in all aspects and has kept abreast with the latest upcoming changes. PTU has been continuously redesigning the curriculum to impart up to date and professionally relevant education to the aspiring students. Presently, the department is offering **B.Tech** and **M.Tech** programmes with specialization in communication engineering.

## About Punjab Technical University

Punjab Technical University (PTU) was established in the Year 1997 under the Punjab Technical University Act, 1996 (Punjab Act No. 1 of 1997) to provide for the establishment

and incorporation of a University for the advancement of technical education and development thereof in the State of Punjab. PTU is providing education to approximately 5 lac students in the fields of Engineering, Management, Architecture and Pharmacy. More than 2100+ Learning Centers of PTU are providing professional education through Distance Learning throughout the country.

## About the Workshop

The main objective of this workshop is to give motivation, overview and proper boost to role of artificial intelligence & simulation tools in engineering for the young researchers and faculty. This workshop will provide hands on experience on artificial intelligence & tools used for simulation.

The workshop will discuss fundamental principles of neural network and fuzzy logic, and then give insight to tools available in MATLAB & SIMULINK to solve the complex and dynamic real-world problems. The workshop will be beneficial for the faculty and PG/UG students from all branches of engineering in their research activities. This course is aimed and designed from basic concepts to applications, reviews and simulation.

## Resource Person for the Sessions

### Dr. Satvir Singh Sidhu

Associate Professor, Department of E.C.E  
Shaheed Bhagat Singh State Technical Campus  
Moga Road (NH-95), Ferozepur-152004, Pb.

## Topics

Artificial Intelligence

Neural Networks & Fuzzy Logic

Programming AI with MATLAB

Tool Boxes & Simulink in MATLAB

## Eligibility

AICTE approved Engineering colleges /University / Deemed University faculty members and UG/PG students

## Registration Procedure & Fee

There will be no registration fee for academic faculty members and students. Participants have to send complete filled registration form to the organizing secretary by speed post or by email. Selected participants will be intimated over the mail. Accommodation for self will be provided free of cost on prior request.

## Important Dates

Last Date for Registration: **6<sup>th</sup> April, 2014**

Notification of Acceptance: **8<sup>th</sup> April, 2014**

## Accommodation

Free of self accommodation will be arranged in Hostels on request.

## Approximate Tariffs

Accommodation in hotels will be arranged on request on payment basis.

Single Room: Rs.500.00 (approximate)

Twin Sharing Room: Rs.300.00 (approximate)

**Note:-No TA/DA will be paid to the participants.**

## Address for Correspondence

**Dr. Manoj Sharma**

**Organizing Secretary**

Professor & Head

Deptt. of Electronics & Communication Engineering

CGC Technical Campus, Jhanjeri, Mohali Punjab-140307

Email-hodece.cgctc@gmail.com

Mob-08872048018; 08295610001

PTU Sponsored National Workshop on 11th April, 2014

To

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From:  
Chandigarh Group of Colleges  
Campus: Jhanjeri, Mohali