



Dr B R Ambedkar National Institute of Technology Jalandhar

Department of Computer Science & Engineering

TEQIP III- Sponsored Online Short Term Course on

“Applications of Machine Learning in the Advancements of Computer Science”

(August 17- 21, 2020)

PATRON

Prof. Lalit Kumar Awasthi
Director, NIT Jalandhar

CONVENER

Prof. A. L. Sangal

CO-CONVENER

Prof. Harsh Verma

CORDINATORS

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Dr KP Sharma
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ORGANISING COMMITTEE

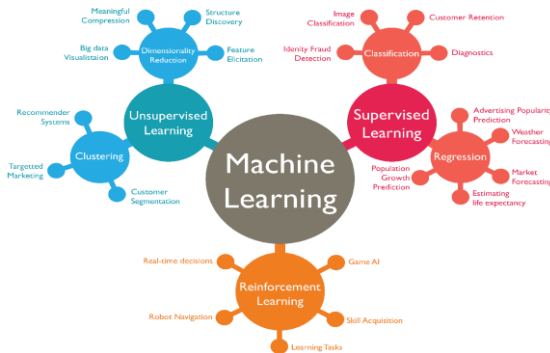
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Course Timings

Session 1: 10:00 AM – 12:00 PM
Session 2: 03:00 PM – 05:00 PM



About STC

Artificial Intelligence (AI) is the transformative technology that plays an important role in numerous academic and industrial areas. Basically, AI involves training the machine and making it intelligent to make its own decisions without human intervention. The training is based on machine learning models. Such model can perform feature extraction and classification in an effective and efficient manner. This competence of AI advocates its widespread application in various domains like computer vision, speech recognition, natural language processing, audio recognition, social network filtering, machine translation, bioinformatics, drug design, medical image analysis, material inspection and board game programs. Thus the knowledge and the expertise in this domain is quint essential for researchers, academicians and policy makers with this aim in mind, department of computer science and engineering is planning to organize a five-day course.

The main aim of the course is to give insights on the applications of Machine Learning in the Advancements of Computer Science. In the Pandemic times where whole world is in lockdown phase, it becomes imperative to learn about the revelations of technology which can be applied to solve day to day problems. The broad objectives of the course are outlined below:

- To understand rudiments of Machine Learning
- Deep Learning Framework for Latest Applications
- Applications of Machine Learning in Recent Technological Advancements
- Security and Privacy Issues in IoT Applications
- Issues and Challenges in latest Research trends in Computer Science

About NIT Jalandhar

Dr B R Ambedkar National Institute of Technology was established in the year 1987 as Regional Engineering College and was given the status of National Institute of Technology (Deemed University) by the Government of India on October 17, 2002 under the aegis of Ministry of Human Resource Development, New Delhi. Now the Ministry of Human Resource Development, Government of India has declared the Institute as “Institute of National Importance” under the act of Parliament-2007. A large number of reputed Industrial houses in the country visit the Institution and select the final year students as Engineers/ Management Trainees. As one of the National Institutes of Technology (NIT), the Institute has the responsibility of providing high quality education in Engineering, Technology and Sciences to produce competent technical and scientific manpower for the country. The Institute offers BTech, MTech, MSc, MBA and PhD programmes in the several disciplines of Engineering, Technology and Sciences. We are pleased to inform that the institute ranked 52 position amongst top 200 Indian institutes, and 12th among the 31 NITs in NIRF ranking2020. For more info: <http://www.nitj.ac.in>

Experts



Prof. Manoj Mishra
IIT Roorkee



Prof. LK Awasthi
Director, NIT Jalandhar



Prof. Durga Toshniwal
IIT Roorkee



Prof. R.K. Agrawal
JNU, Delhi



Prof. Sanjeev Sofat
PEC Chandigarh



Dr. N C Kaushal
NIT Hamirpur



Dr. Pili E Shubhakar
MNIT Jaipur



Dr. Shashidhar G
Koolagudi
NIT Karnatka

No Registration Fees

Register Here:

<https://forms.gle/xmCj5XrpepYr6tyq8>

Last Date of Registration : 15.08.2020

The e-certificates shall be sent to all participants having more than 80% attendance in the STC.