

ONLINE 5-DAY WORKSHOP

ON

ARTIFICIAL INTELLIGENCE & ITS APPLICATIONS

(16th November - 20th November 2020)

ORGANIZED BY

Department of Information Technology



Maulana Abul Kalam Azad University of Technology,
West Bengal, India

and



Center for Development of Advanced Computing
(C-DAC), Kolkata, India

Workshop Focus:

MAKAUT, WB and C-DAC, Kolkata is jointly going to organise a workshop on Artificial Intelligence And its Applications using tools and case studies to equip participants as per current industry trends. Upon completion of this workshop, participants will be empowered to use computational techniques in the area of Artificial Intelligence, Natural Language Processing, Robotics, Machine Learning and Deep Learning based applications.

Centre for Development of Advanced Computing (C-DAC) is the premier R&D organization of the Ministry of Electronics and Information Technology (MeitY), Government of India and carrying out R&D in IT, Electronics and associated areas ever since its inception. C-DAC, Kolkata, focusses on the aspects of electronics and IT with interdisciplinary cyber physical systems, Artificial Intelligence, Machine Learning and sensor & sensing techniques apart from several others.

Maulana Abul Kalam Azad University of Technology, West Bengal, formerly West Bengal University of Technology (WBUT), is a State Government Technological University in West Bengal. It was founded in the year 2000 and has 192 affiliated Engineering Colleges all over the State. The University provides facilities for the quest of degree and advanced-level courses in Engineering, Management and other professional areas through affiliated institutions and in-house departments.

Eligibility Criteria:

- Under Graduate/Graduate/Post Graduate in Engineering in IT / Computer Science / Electronics / Telecommunications / Electrical / Instrumentation. OR MSc/MS in Computer Science, IT, Electronics.
- Mathematics in 10+2 (exempted for candidates with Diploma + Engineering)

IMPORTANT DATES:

Deadline for registration: 15.11.2020. (6:00 pm)

Registration fee to be paid using (RTGS/ NEFT / online mode)

Bank Details:-

(MAKAUT, WB, Indian Bank Salt Lake)

A/C No. 6360279330,

IFSC-IDIB0005147,

Branch- Salt lake City, Kolkata.

Participants may deposit the registration fee to this bank Account

REGISTRATION FEE

Students: Rs. 200/-

Research Scholars: Rs. 300/-

Faculty Members: Rs. 500/-

After making payment of registration fee
please click the link <https://bit.ly/34AmKPA>
here to complete the registration process.

Patron:

Prof. (Dr) Saikat Maitra, Vice Chancellor, MAKAUT
Dr. Nabarun Bhattacharyya, Senior Director and Centre Head, C-DAC, Kolkata

Organizing Committee:

Dr. Partha Pratim Lahiri, Registrar, MAKAUT, WB
Prof. Debashish De, Director, School of Computational Sciences, MAKAUT, WB

Dr. Debashis Giri, Associate Prof., Dept. of IT, MAKAUT, WB
Mr. Debasis Mazumdar, Senior Director C-DAC, Kolkata
Mr. Sanjay Kumar Choudhury, Joint Director C-DAC, Kolkata
Mr. Alokesh Ghosh, Associate Director C-DAC, Kolkata
Dr. Atri Bhowmick, Finance Officer, MAKAUT, WB
Dr. Md. Aftabuddin, Information Scientist, MAKAUT, WB

Program Coordinator:

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Program Joint Coordinator:

Dr. (Mrs.) Hena Ray,
Joint Director, C-DAC, Kolkata

Resource Person:

1. **Mr. Debasis Mazumdar**, Senior Director C-DAC, Kolkata
2. **Mr. Sanjay Kumar Choudhury**, Joint Director C-DAC, Kolkata
3. **Mr. Alokesh Ghosh**, Associate Director C-DAC, Kolkata
4. **Dr. Hena Ray**, Joint Director C-DAC, Kolkata
5. **Mr. Angshuman Chakraborty**, Project Engineer C-DAC, Kolkata
6. **Mr. Kunal Chanda**, Joint Director C-DAC, Kolkata
7. **Mrs. Sonali Dhali**, Principal Engineer C-DAC, Kolkata
8. **Mr. Jayanta Basu**, Principal Engineer C-DAC, Kolkata
9. **Mrs. Munmun Chakraborty**, Principal Engineer C-DAC, Kolkata

Session Details:

Date	Time	Lecture Topic
16.11.2020	11:00 am-12:00 noon	Introduction to AI-ML Concepts
	12 noon-1:00 pm	Machine Learning Application (Machine Translation)
17.11.2020	11:00 am-12:00 noon	Machine Learning Application (Computer Vision)
	12 noon-1:00 pm	AI in Speech Processing a. Speech Production b. Speech data analysis C. Applications
18.11.2020	11:00 am-12:00 noon	AI based Robotic vision
	12 noon-1:00 pm	Statistical Learning Theory
19.11.2020	11:00 am-12:00 noon	Application of AI in Agriculture
	12 noon-1:00 pm	Deep Neural Network Architecture & Learning with an applications on Face Recognition
20.11.2020	11:00 am-12:00 noon	Applications of AI in Robotics
	12 noon-1:00 pm	AI/ML with Python