MAHARAJA AGRASEN INSTITUTE OF TECHNOLOGY

(ISO 9001:2015 Certified)
APPROVED BY AICTE, MINISTRY OF HRD. GOVT OF INDIA
(AFFILIATED TO GURU GOBIND SINGH INDRAPRASTHA UNIVERSITY, DELHI)

उद्यमेन हि सिध्यन्ति
कार्याणि न मनोरथैः

Ref. No...

Date... 27/01/2022

NOTICE

It gives immense pleasure to inform you that Department of Electronics & Communication Engineering of Maharaja Agrasen Institute of Technology is organizing an **AICTE-ISTE sponsored one week online Induction/Refresher Faculty Development Programme on, "ACTIVE LEARNING BASED VISUAL COMPUTING", from 9ᵗʰ to 15ᵗʰ, February, 2022.**

We invite applications from motivated faculty members and educators in visual computing and allied areas. We aspire for your active participation to make this event a grand success. The copy of brochure is hereby enclosed for your kind perusal.

Thanks.

Prof. Neelam Sharma
Director, MAIT

Zoom Meeting Link

https://zoom.us/j/91295409428?pwd=OVVjclM0U0FoTTF3UDcrN3VnOU1idz09

Meeting ID: 912 9540 9428
Passcode: mait

MEET OUR DIGNITARIES

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Shri S.P. Aggarwal, IAS
Executive Chairman, MATES

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Founder & Chief Advisor, MATES
Chancellor, Maharaja Agrasen
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Prof. R.K. Gupta, VC, MAU, Baddi, HP
Prof. S.K. Garg, Director General, MAIMS
Prof. Ravi Kumar Gupta, Director, MAIMS

Invited Speakers

Dr. Jawed Ahmed
Department of CSE, Jamia Hamdard
Chairman ISTE, Delhi Section

Dr. N. K. Gupta
Executive Council Member
ISTE, New Delhi

Mr. Shivam Tyagi,
Software Engineer
Amazon USA

Dr. Indu Joshi,
Sophia Antipolis, France

Prof. (Dr.) Partha Pratim Roy
IIT, ROORKEE

Dr. Rajeev Sharma
Scientist 'E' ,FFT Division
Department of Science and Technology(DST),GOI

Dr. Rohini P
IIITDM Kanchipuram

Prof. Rashmi Gupta
NSUT East Campus

Dr. Rajech Prabhakar,
Founder &
Chief Data Advancer Labs

MAHARAJA AGRASEN
INSTITUTE OF TECHNOLOGY
M A I T
उद्यमेन हि सिध्यन्ति
कार्याणि न मनोरथैः

About MAIT

Maharaja Agrasen Institute of Technology an ISO 9001:2015 certified Institute, was established in 1999 by Maharaja Agrasen Technical Education Society promoted by a group of well known Industrialists, Businessman, Professionals and Philanthropists with an aim to promote quality education in the field of Technology and Management. Since then, MAIT has grown from strength to strength to emerge as one of the top technical institutes among the private Institutes with three NBA accredited programmes (CSE, ECE and MAE). The institute began its first batch of 180 B.Tech. Students in 1999 and at present, MAIT offers Bachelor's Degree in 10 disciplines of Engineering – CSE, ECE, EEE, IT, MAE, ME, CST, ITE, AI, and ML. The Institute is approved by All India Council for Technical Education and affiliated to Guru Gobind Singh Indraprastha University, Delhi.
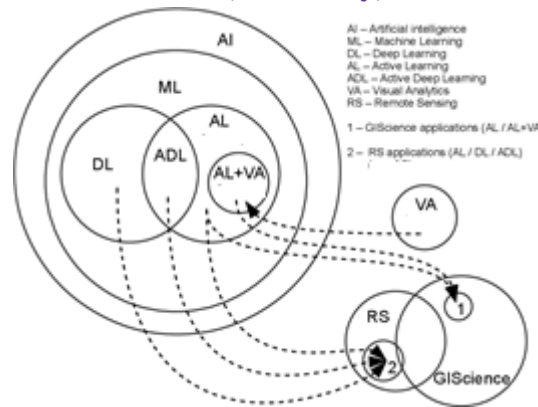
About AICTE

The All India Council for Technical Education (AICTE) is the statutory body and a national-level council for technical education, under Department of Higher Education, Ministry of Human Resource Development. Established in November 1945 ªrst as an advisory body and later on in 1987 given statutory status by an Act of Parliament, AICTE is responsible for proper planning and coordinating for development of the technical education and management education system in India. It is assisted by 10 Statutory Boards of Studies, namely, UG Studies in Eng. & Tech., PG and Research in Eng. and Tech., Management Studies, Vocational Education, Technical Education, Pharmaceutical Education, Architecture, Hotel Management and Catering Technology, Information Technology, Town and Country Planning.

AICTE-ISTE sponsored one week
Induction/Refresher
Faculty Development Programme
On

ACTIVE LEARNING BASED VISUAL COMPUTING
9th to 15th, February, 2022

AI – Artificial Intelligence
ML – Machine Learning
DL – Deep Learning
AL – Active Learning
ADL – Active Deep Learning
VA – Visual Analytics
RS – Remote Sensing

1 – GIScience applications (AL / AL+VA)

2 – RS applications (AL / DL / ADL)

Organized by
Electronics & Communication Engineering Department
Maharaja Agrasen Institute of Technology, Delhi

Virtual Venue:
Maharaja Agrasen Institute of Technology

About ISTE

The Indian Society for Technical Education (ISTE) is the leading National Professional non-profit making Society for the Technical Education System in our country with the motto of Career Development of Teachers and Personality Development of Students and overall development of our Technical Education System and educators in the field of Engineering and Technology, ISTE contributes in various missions of the Union Government. The strength of ISTE is the strong base it has in technical education institutions in the country. At present, the ISTE has a very large and an effective membership base consisting of 124024 Life Members, 5 lakh Student members, 2734 Institutional Members, 1369 Faculty Chapters, 1479 Student Chapters at institutional level and 17 Sections at State level.

Aim of the FDP

The main objective of this refresher program is to bring together the academicians, policy makers, researchers, engineers and scholars from institutions, universities, and industries to exchange and share their ideas about the computer vision. The brainstorming would be on the practical challenges that may be encountered, as course of practical implementation and the steps to be taken for seamless integration of present education system and reduces the industrial academia gap.

This will give a platform to the participants to get aware of the computer vision, indulge in focused discussion and interaction on numerous areas related to the Active Learning the computer vision, and indulge in focused discussion and interaction on numerous areas related to the Active Learning

Chief Patrons

Dr. Nand Kishore Garg
Founder and Chief Advisor, MATES
Chancellor, MAU, HP

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Chairman, MATES, Delhi

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Director, MAIT, Delhi

Prof. (Dr.) S. S. Deswal,
Dean, MAIT, Delhi

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National Council Member, ISTE New Delhi

Dr. Jawed Ahmed
Chairman, ISTE Delhi Section

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Prof. (Dr.) V.N. Mathur, HOD, MAE
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Dr. Amit Gupta, HOD, MBA
Dr. Vaibhav Jain, HOD, ME

Coordinator

Dr. Nitin Sharma
Assistant Professor, Department of ECE,
MAIT, Delhi & SMC, Member, ISTE Delhi Section

Core Team Members

Dr. S. K. Kundu
Assistant Professor, Department of ECE
MAIT, Delhi

Mr. Vaibhav Nijhavan
Assistant Professor, Department of ECE
MAIT, Delhi

Mr. Rohit Rana
Assistant Professor, Department of ECE,
MAIT , Delhi

Dr. Rajni
Assistant Professor, Department of ECE
MAIT, Delhi

Ms. Kanika Agarwal
Assistant Professor, Department of ECE
MAIT, Delhi

Ms. Stuti
Assistant Professor, Department of ECE
MAIT, Delhi

Salient Features

- No registration fees
- Faculty members from AICTE approved Institutions, research scholars, persons from Industries can register
- Preference will be given to ISTE members
- The number of participants is limited to 100 and participants will be selected on first come first serve basis
- An online test will be conducted and a feedback form

has to be filled on the last day.
The certificates shall be issued by AICTE-ISTE to only those participants who have attended the program with minimum 80% attendance and scored minimum 60% marks in the test

Keynote Speakers

Eminent Academicians and policy makers from AICTE, DST, UGC and also from other countries will abreast the online gathering on the new system that is aligned with the aspirational goals of 21st century education, while remaining consistent with India's traditions and value systems.

Future Prospects

The main objective of this FDP/refresher program is to bring together the academicians, policy makers, researchers, engineers, and faculty from institutions, universities, and industries to exchange and share their ideas about the active learning based visual computing. The brainstorming would be on the practical challenges that may be encountered, as course of implementation and the steps to be taken for seamless integration of present learning methods and upcoming challenges. This will give a platform to the participants to get aware of the visual computing, indulge in focused discussion and interaction on numerous areas related to the different softwares.

Registration

No Registration fees for the FDP/refresher program. Certificate of FDP/refresher program will be provided. Register yourself up to 2nd Feb.2022.

Registration Link:
https://forms.gle/LR8Z6WW4ij7yeXJ3A

AICTE-ISTE sponsored Online Refresher/Induction Programme on " ACTIVE LEARNING BASED VISUAL COMPUTING"

Organized by : ECE DEPARTMENT, MAIT
Maharaja Agrasen Institute Of Technology,GGSIPU,New Delhi
Date:9th Feb, 2022-15th Feb, 2022

Day	Date	Theme of the day	Session -1 (9:30AM-11:00 AM)	Session-2 (11:00 AM-12:30 PM)	Session-3 (1:00 PM-2:30PM)
Day 1	9th Feb, 2022	Inauguration	Inauguration (11:00AM-11:40AM)	" Active Learning in AI " Dr. Rajech Prabhakar, Founder & Chief Data Advancer Labs	"Practical Approach in AI " Dr. Rajech Prabhakar, Founder & Chief Data Advancer Labs
Day 2	10th Feb, 2022	Introduction of Computer Vision	"Brain Computer Interface" Prof. (Dr.) Partha Pratim Roy, IIT, ROORKEE	" Deep Learning: Practical Approach " Dr. Rajech Prabhakar, Founder & Chief Data Advancer Labs	" Deep Learning: Practical Approach " Dr. Rajech Prabhakar, Founder & Chief Data Advancer Labs
Day 3	11th Feb., 2022	Create, Identify and evaluate new practical approach in Learning	" Introduction to Visual AI using Nvidia " Mr. Shivam Tyagi, Software Engineer Amazon USA	"Deep Dive in Visual AI using Nvidia Libraries" Mr. Shivam Tyagi, Software Engineer Amazon USA	"Deep learning applications in plant disease detection" Dr. Pawan Dubey, MITS, Gwalior
Day 4	12th Feb., 2022	Research & Development Opportunities and its applications	"Deep Dive in Visual AI using Nvidia Libraries" Mr. Shivam Tyagi, Software Engineer, Amazon USA	"Deep Dive in Visual AI using Nvidia Libraries" Mr. Shivam Tyagi, Software Engineer, Amazon USA	"Stess Management" Dr. G. L. Garg, Assistant Director, AICTE
Day 5	14th Feb., 2022	Computer Vision related Challenges Solutions &Funding opportuinities	"Neurodegenerative Disorders" Dr. Rohini P, IIITDM Kanchipuram	"Funding from Government: A Brief" Dr. Rajeeev Sharma, Scientist F, DST Delhi	"Generalizable & Explainaable Deep Models" Dr. Indu Joshi, Sophia Antipolis, France
Day 6	15th Feb., 2022	Applications	"Industrial Application" Prof. Ankush Ghosh Neatia University West Bengal	"Startups in Computer Vision" Prof. Rashmi Gupta NSUT East Campus	Valedictary Session