ABOUT THE COLLEGE

Dr. Mahalingam College of Engineering and Technology (MCET) was established in 1998 by Dr. M. MANICKAM with a view to commemorate the 75th birth year of his beloved father Arutchelvar Dr. N. MAHALINGAM. The mission of the college is to impart high quality competency based education in Engineering & Technology to the younger generation with the required skills and abilities to face the challenging needs of the industry around the globe. MCET is a self-financing, co-educational Autonomous Engineering College and it is approved by All India Council for Technical Education (AICTE), New Delhi & affiliated to Anna University, Chennai. The Institution has been accredited by the National Assessment and Accreditation Council (NAAC) with "A++" (highest grade) consecutively in two cycles. MCET currently offers 10 UG and 6 PG courses and 5 Doctoral programmes in Engineering and Technology.

ABOUT THE DEPARTMENT

The Department of CSE was established in the year 1998. It is accredited by National Board of Accreditation. The department offers Bachelor of Engineering programme with an annual intake of 120 students and Master of Computer Science and Engineering course with an annual intake of 12 students. The department has well qualified, committed and research oriented faculty members. The department is recognized as research center for offering Ph.D/M.S (by research) programmes and focuses on research activities in the areas of Human Computer Interaction, Data Management, Networks and Security, System Design and Integration. The department has well-equipped laboratories with state-of-art computing facilities in specialized areas like IoT & Hardware, Human Computer Interaction, Internet & Mobility.

All the computers are connected internally with fiber optic cable network with 300 Mbps Internet. Courses on Oracle Workforce Development Program, Cisco Networking Academy Program, AWS academy and Red Hat are offered in association with respective Industries.

ABOUT THE WORKSHOP

Extended Reality (XR) is an umbrella term encapsulating Augmented Reality (AR), Virtual Reality (VR), Mixed Reality (MR), and everything in between. Virtual reality is an interactive computer-generated experience taking place within a simulated environment and incorporates auditory and visual feedback. Augmented Reality is a recent technology that brings components of the digital world into a person's perception of the real world. Mixed reality is a seamless integration of the real world and rendered graphics, which creates an environment in which users can directly interact with the digital and physical worlds together. With MR, real and virtual objects blend, and are presented together within a single display.

Although AR and VR offer a wide range of revolutionary experiences, the same underlying technologies are powering XR.

The workshop on "Extended Reality" aims to bring together industry experts to provide awareness on innovations and future trends in XR. XR is the upcoming and trending technology, successfully used in various domains like Engineering, Education, Gaming, Entertainment, Banking & Finance, Healthcare, Defense, Manufacturing, Marketing, fashion, art, and much more. From gaming to virtual production to product design, XR has enabled people to create, collaborate and explore in computer-generated environments like never before.

The Objectives of this workshop are:
- To create awareness on the recent trends in XR.
- To provide key insights about current innovations in XR.
- To provide hands-on practical sessions.

Benefits to the participants:

The participants will be benefited by
- Getting awareness about software products necessary for making XR applications.
- Developing simple applications using recent technologies.
- Exploring the future possibilities of using XR for various industries.

Topics Covered:
- Introduction to VR,AR,MR and XR.
- Creating XR experiences.
- Hands-on sessions with tools like Unity3D and Vuforia
- Demo on XR applications
- Recent advances in XR

TARGET AUDIENCE

Faculty members, Research Scholars and Industry persons can apply.

RESOURCE PERSONS

Industry Experts from Thoughtworks, Coimbatore will deliver the sessions.

REGISTRATION FORM

One Day Workshop on
"Extended Reality"

Organized by

CSE Department

Dr. Mahalingam College of Engineering and Technology Pollachi - 642 003.

10th September 2022

Name : _____

Designation : _____

Department : _____

Institution/
Organization: _____

Address : _____
_____
_____ Pin:_____

Whatsapp No.: _____

Email ID : _____

Signature of the   Signature of HOD
Candidate   with seal

ORGANIZING COMMITTEE

Convener:
Dr. G. Anupriya
Professor & HoD, CSE.

Organizing Secretaries:
Dr.M.Pandi
Associate Professor, CSE.

Dr. N. Gobi
Assistant Professor (SG), CSE.

Organizing Members:
Ms. C. Jayashree
Assistant Professor (SS), CSE.

Ms.T.Gowrisankari
Assistant Professor, CSE.

Ms.P.Banumathi
Assistant Professor, CSE.

Ms.G.Gayathri
Assistant Professor, CSE.

Ms.K.Radha
Assistant Professor, CSE.

PARTICIPATION AND REGISTRATION:
Registration fee of Rs.300/- has to be paid on the day of event as cash only. Participants are requested to upload the signed and scanned registration form in the given link. URL: https://forms.gle/MS7nmE7zC5bGA5y78

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One Day Workshop on

"Extended Reality"

10th September 2022

Organized by

CSE Department

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