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Ms.S.Vishnupriya	Assistant Professor
Ms.S.Nithya	Assistant Professor
Ms.S.Ponni	Assistant Professor

ABOUT THE INSTITUTION

Velalar College of Engineering and Technology is a Self-financing Co-Educational Autonomous Institution established in the year 2001 with all the necessary infrastructural facilities provided by Vellalar Educational Trust that ably governs the institution. The college is approved by AICTE, affiliated to Anna University, Chennai and accredited with 'A' Grade by NAAC. The B.E./B.Tech programs of BME, ECE, EEE, CSE and IT have been accredited by NBA. The Institution has completed 19 years of dedicated and excellent service in the field of technical education. The Institution offers eight UG Programs (BME, Civil, CSE, ECE, EEE, IT, MECH and Medical Electronics) and six PG programs (M.E - CSE, Embedded System Technologies, Applied Electronics, VLSI Design, MBA and MCA). There are five Anna University approved research centers in the departments of ECE, EEE, CSE, Physics and Chemistry.

ABOUT THE DEPARTMENT

Department of CSE was started with B.E Program in 2001 and M.E program in 2006. The vision is to produce competent professionals to become part of the industry and research organizations in the field of science and technology and prepare them for a globalized technological society and orient them towards serving the society. The mission is to strengthen the core competence in Computer Science and Engineering through analytical learning and Industry – Institute interaction, to provide exposure to latest tools and technologies in the core area to design solutions and conduct investigations, to promote innovative research based projects / activities in the emerging areas of technology convergence and to inculcate professional behaviour, strong ethical values, leadership abilities, entrepreneurship skills and commitment to lifelong learning.



AICTE Training and
Learning (ATAL) sponsored
Five Days Faculty Development Program
On

**“Augmented Reality (AR) /
Virtual Reality (VR)”**

[07.12.2020 – 11.12.2020]



Organized by



Department of **C**omputer **S**cience and **E**ngineering
(Accredited by NBA)

**Velalar College of
Engineering and Technology**

(Autonomous)

(Accredited by NAAC with Grade 'A')

Thindal, Erode – 638012, Tamilnadu

www.velalarengg.ac.in

RESOURCE PERSONS

Sessions will be handled by experts from reputed Industries and Academic Institutions.

IMPORTANT INFORMATION FOR PARTICIPANTS

- This FDP is only for faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government and industry.
- Course registration is free for all participants.
- The FDP will be conducted in Online mode. Participants willing to participate in this online FDP should have the provision of laptop/desktop/smart phone with good quality internet connections and other audio-visual facilities, as required for online training.
- Seats are limited and the participants will be selected on first come first serve basis Shortlisted candidates will be informed through their email.
- On completion of the course participants will be assessed through online quiz. Those who have attendance of minimum 80% and score more than 60% in the test will be issued a digital certificate by the ATAL Academy.

[CLICK HERE TO REGISTER](#)

ABOUT AICTE – ATAL OBJECTIVES

To set up an Academy which will plan and help in imparting quality technical education in the country. To support technical institutions in fostering research, innovation and entrepreneurship through training. To stress upon empowering technical teachers & technicians using Information & Communication Technology. To utilize SWAYAM platform and other resource for the delivery of training. To provide a variety of opportunities for training and exchange of experiences, such as workshops, orientations, learning communities, peer mentoring and other faculty development programs. To support policy makers for incorporating training as per requirements.

ABOUT FDP

This FDP is aimed to provide in-depth understanding of core concepts behind AR and VR technologies, architecture, virtual hardware and software, applications, and hands-on training using state of the art tools, and will equip the participant with the skills necessary to apply these tools and techniques to solve complex scientific and business problems. Augmented Reality (AR) is an interactive experience of a real-world environment where the objects that reside in the real world are enhanced by computer-generated perceptual information. Virtual Reality (VR) is a hardware innovation. An input and output device that provide intuitive control and deeper level immersion of digital experiences. VR is best used for storytelling and conveying experiences.

This FDP being a National level program, the objective is to train faculty members in the latest technologies which includes the faculty to do research and disseminates their gained knowledge to the students.

TOPICS

- First steps into XR (Foundation of AR & VR)
- Exploring Displays
- AR Resources & Toolkit
- Introduction to AR Core & AR core integration
- Getting started with Unity software
- 3-D Modelling
- Introduction to google card board and cardboard app development
- AR- VR and its use case in Business marketing
- AR / VR in Education
- Introduction to Vuforia
- Introduction to Game development using AR Technologies
- AR / VR Applications

CONTACT

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