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Ms.V.Logapriya, Assistant Professor/CSE

Ms.S.Rajalakshmi, Assistant Professor/CSE

Registration Link :

<https://tinyurl.com/PSRATALFDPARVR2023>



About College

P.S.R. Engineering College, Sivakasi an Autonomous institution affiliated to Anna University is one among the best educational institutions in Tamilnadu and philanthropic institution founded by illustrious sons of P.S.Ramasamy Naidu. It was established in the year 1999 with the noble mission to promote engineering education in the backward area of Virudhunagar District. PSREC is committed to scripting a unique chapter of excellent education and research, in vital fields like Engineering, IT and Management. The College offers 9 under graduate programmes (UG) and 6 post graduate programmes (PG). All the programmes are affiliated to Anna University, Chennai and Approved by AICTE, New Delhi. National board of Accreditation (NBA) has accredited four UG Programmes - CSE, ECE, EEE & MECH under Tier-I category and also accredited by National Assessment and Accreditation Council (NAAC) with A+ Grade.

About Department

Department of Computer Science and Engineering is functioning since the inception with a goal of creating ethically responsible and self-reliant technocrats. The department offers a four year UG degree programme in Computer Science and Engineering with an annual intake of 120 students, two year PG degree programme in Computer Science and Engineering with an annual intake of 18 students and Ph.D programme. CSE department has the significant infra structural facilities with well-equipped laboratories and hi-tech state of art networked computers with high speed internet facility. The department has ACM, and CSI chapters. The department is gifted with a team of 35 qualified and experienced faculty members guiding the students in all the aspects. Our department is Accredited by National Board of Accreditation (NBA), New Delhi since May 2009 onwards. The department has research grants from various Government agencies like AICTE and TNSCST.



AICTE Training and Learning (ATAL) Sponsored

One Week

Faculty Development Programme on

Augmented Reality and Virtual Reality

20.11.2023 to 25.11.2023



**Organized by
Department of CSE**



P.S.R. Engineering College

*An Autonomous Institution, Approved by AICTE, New Delhi
Affiliated to Anna University, Chennai. Accredited by NBA,
Accredited by NAAC with A+ Grade, and listed
under section 2(f) & 12(B) of UGC Act, 1956
An ISO 9001:2015 Certified Institution*

Sivakasi-626140, Tamilnadu, India

Date	FN			AN	
	Session 1 (9.30 AM to 12.00 PM)	Session 2 (12.00 PM to 1.00PM)		Session 3 (2.00 PM to 4.30PM)	Session 4 (4.30 PM to 5.30PM)
20-11-2023	Inaugural + Introduction to AR/VR & Challenges	Systematic review and meta-analysis of augmented reality in medicine, retail, and games Article 1		AR content creation: 3D models, animations, and interactions.	Practical sessions/Labs Creating a basic AR experience
21-11-2023	Visualization Techniques for Augmented Reality	Article 1 Discussion		Modeling 3D object using Blender	Practical sessions/Labs 3D Modeling Softwares
22-11-2023	Introduction to Unity Architecture & AR/VR hardware and software components	HMD-Based Virtual and Augmented Reality in Medical Education: A Systematic Review Article 2		Working Environment in Unity	Practical sessions/Labs Unity Software Installation, Configuration
23-11-2023	AR/VR Development Toolkit: Yuforia AR, AR Core, Easy AR, Spark AR, Google VR, A-Frame	Article 2 Discussion		Google Card Board & Tour creator for Virtual Reality Visualization	Practical sessions/Labs AR/VR Tools
24-11-2023	Industrial Visit			AR/VR Industry 4.0	Practical sessions/Labs MATLAB Simulink for Virtual Reality
25-11-2023	Case Study: Augmented And Virtual Reality In Medicine And Health Care	Reflective journal		MCQ, Feedback & Interactions	Valedictory Session

Important Dates :

Last Date for Registration : 10.11.2023

Intimation of Selection : 13.11.2023

Who Can Attend :

The Faculty members from Engineering / Arts & Science Colleges, Research Scholars, and PG Students.

Certificate :

Certificate will be issued to the registered participants those who attain a minimum of 80% attendance and scored 60% marks in the Test.

Location:



Sivakasi - 28km

Kovilpatti - 25km

Rajapalayam - 29km

Sankarankovil - 25km

Contact Us

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P.S.R Engineering College, Sivakasi-626140

FDP Contents

- Introduction to AR/VR & Challenges and real time Applications
- AR/VR in Industry 4.0
- AR content creation: 3D models, animations, and interactions.
- Visualization Techniques for Augmented Reality
- Introduction to Unity Architecture, Software Installation, Configuration & working Environment in Unity
- Case Study: Augmented and Virtual Reality in Medicine and Health Care
- Hands on Training

Resource Persons

Eminent Speakers from IIT, NIT & other premier Educational Institutions and Industry.

About FDP

The rapid advancement of Augmented Reality (AR) and Virtual Reality (VR) technologies is reshaping industries and medical landscapes. The Faculty Development Programme on Augmented and Virtual Reality is designed to equip educators and professionals with the knowledge and skills necessary to understand, develop, and integrate AR and VR technologies in their teaching, research, and industry practices. Participants will be engage in hands-on workshops, discussions, and practical sessions that cover the foundational concepts, development tools, and diverse applications of AR and VR.