

**Workshop
on
Virtual Reality (VR) and Augmented
Reality (AR) fundamentals**



(27th March – 1st April, 2023)

**Organized by
Dept. of Electronics and Communication Engineering
Sri Venkateswara College of Engineering**

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- 1 Name :
- 2 Designation :
- 3 Qualification :
- 4 Specialization :
- 5 Experience :
- 6 Address for Communication :
- Mobile No. :
- E-mail ID :

Place :

Date : Signature of the Candidate

Sponsorship Certificate :

Mr./Ms./Dr. is
an employee of our Institute. If selected, the applicant
will be permitted to participate in the above programme.

Date : Signature & Seal of the
Director/ Principal

(Photostat copy of this form can be used if necessary)

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Virtual Reality (VR) and
Augmented Reality (AR)
Fundamentals**

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**Department of Electronics and
Communication Engineering**



**SV COLLEGE OF ENGINEERING
(Autonomous)**

**Karakambadi Road
Tirupati - 517507
www.svce.edu.in**

About our College:

SV College of Engineering (SVCE) is a part of the SV Colleges group established in 2007 with a vision to become a leader in providing quality educational services creating value by offering superior educational programmes, supported by exceptional service. The colleges have a goal of evolving into a hub of academic research. The college is affiliated to JNTUA and approved by AICTE, New Delhi. SVCE offers UG Courses (CE, CSE, CSM, CSC, CSD, ECE, EEE, IT & ME), PG Courses (VLSI, CSE, MCA & MBA). SVCE Conferred Autonomous status by UGC, New Delhi in the year 2020. All Programmes of SVCE are accredited by **NBA and NAAC with grade 'A'**. The campus is equipped with state of art Laboratories and class rooms with LCD Projectors to make Teaching and Learning simpler and enjoyable. The central library has a large collection of books, journals and online resources for the benefit of students and faculty.

About the Department of ECE:

The Department has highly qualified and rich experienced faculty with the aim of providing quality educational service. The Department has good infra-structural facilities and is equipped with full fledged laboratories and audio visual systems. The department focuses its research on Internet of Things, Artificial Intelligence, Machine Learning, Image processing, Communications, VLSI & Embedded Systems etc. The department has funded projects from DSIR, PRISM and DST SEED. The department established COE of LabVIEW Academy from National Instruments.

Objective:

The main objective of this workshop is to clearly describe the importance of various VR/AR tools and its real-time applications available for designing augmented conferences, malls, products etc to academicians and researchers.

The opportunities in the augmented and virtual reality industries are ever growing. Education, defense and healthcare can majorly be benefitted from the efficiency and real time environments that these technologies can provide.

Key Note Speakers:

Dr. M. Ramasubba Reddy, Professor, IITM, Chennai

Dr. Venkata Ramana Badarla, HOD - CSE | Associate Professor, Ph.D - IIT, Madras

Dr. Cyril Prasanna Raj. P, Director, CCCIR, Cambridge, Institute of Technology, Bangalore

Dr. P Bhanu Prasad, Research Advisor AR/VR

Mr. J Visweswaran, Industry 4.0 Engineer, XR Technologies (AR, VR, MR), Bangalore

Ms. Haripriya, APSSDC, Hyderabad

Travel Assistance:

The out Station participants will be provided TA & DA as per Govt. of India norms on submission of proofs (shortest route).

Registration Fee:

Delegates from Industry/Faculty/Research Organizations - **Rs. 500/-**

P.G. Students & Research Scholars - **Rs.300/-**

Registration Link:

<https://forms.gle/hS4MgzqrQ7uFV8Ba8>

Payment mode: QR Code



Eligibility:

- Research Scholars, Faculty members, PG Students, Delegates from Industry/R&D.

Important Dates:

Dates of Workshop : 27th March to 1st April, 2023

Last Date of Registration: **26th March 2023**

Workshop Topics:

- Introduction to AR/VR and Metaverse
- Elements in VR & AR - Haptics, Tracking, Visual perception
- Introduction to Smartphone build.
- VR & AR developments in IPR .
- Hand-on Demos and Training - VR & AR .

Contact Person:

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