



திருவள்ளூர் பல்கலைக்கழகம்
THIRUVALLUVAR UNIVERSITY

(State University Accredited with "B+" Grade by NAAC)

Serkkadu, Vellore - 632 115, Tamil Nadu, India.

DEPARTMENT OF COMPUTER SCIENCE

A ONE DAY NATIONAL WORKSHOP
ON

THE DYNAMICS OF VIRTUAL REALITY - VR & AUGMENTED REALITY - AR STUDIO 4.0

"Dream with your eyes open"

02 | 02 | 2023

THURSDAY 9.30 AM
THIRUVALLUVAR UNIVERSITY

speakers



Mr. S Sundara Raman
National Head, Scopik Edutech



Mr. Jainaressh
Regional Coordinator, MESC

ORGANIZING COMMITTEE

CHIEF PATRON

PROF. Dr. T. ARUMUGAM
VICE CHANCELLOR
Thiruvalluvar University

PATRON

PROF. Dr. R. VIJAYARAGAVAN
REGISTRAR i/c
Thiruvalluvar University

DIRECTOR & ORGANISING SECRETARY

PROF. Dr. K. RAVICHANDRAN
HEAD OF THE DEPARTMENT
Thiruvalluvar University

All Are Cordially Invited

Programme Schedule

9.30 AM - 5.30 PM

Inauguration

9.35 – 9.45 am Prayer

9.35 – 9.45 am Welcome Address

Prof. Dr. K. Ravichandran
Head of the Department
Thiruvalluvar University

9.45 – 10.00 am Presidential Address

Prof. Dr. T. Arumugam
Vice Chancellor
Thiruvalluvar University

10.00 – 10.15 am Key-note Address

Prof. Dr. R. Vijayaragavan
Registrar i/c
Thiruvalluvar University

10.15 – 10.25 am Felicitation Address

Prof.Dr. C.Dhandapani
Dean, CDC

10.25 – 10.30 am Resource Person Introduction

N. Mohana Priya
Lecturer, Department of
Computer Science

Technical Session

10.30 – 11.30 am Technical Session – 1

Mr. S. Sundara Raman
National Head, Scopik Edutech

11.30 – 12.30 pm Technical Session – 2

Mr. Jainaresh
Regional Coordinator, MES C

12.30 -1.30 pm lunch break

1.30 – 2.30 pm Technical Session – 3

INTERACTION

2.30 – 4.30 pm LIVE DEMO



Valediction

4.30 - 4.45 pm Valedictory Address

Prof. Dr. T. Arumugam
Vice Chancellor
Thiruvalluvar University

4.45 – 5.00 pm Felicitation Address

Prof. Dr. M. Chandran
Controller of Examinations
Thiruvalluvar University

Prof.Dr. J. Madhavan
Member - Syndicate

5.00 – 5.15 pm Certificate Distribution

5.15 – 5.20 pm Participant Feedback

5.20 – 5.30 pm Vote of Thanks

Dr. M. Kavitha
Principal, Department of
Computer Science

National Anthem





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&
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THIRUVALLUVAR UNIVERSITY

COLLABORATED PARTNER



Scopik Edutech Pvt Ltd



ABOUT THE UNIVERSITY

Thiruvalluvar University was established in Vellore by the Government of Tamilnadu in October 2002 under the Thiruvalluvar University Act, 2002. The PG Extension Centre of the University of Madras, which was functioning in Vellore before 2002, formed the core of Thiruvalluvar University, and it is located on Ranipet-Chittoor Trunk Road with a sprawling serene campus of about 112.68 acres at Serkkadu Vallimalai. The NAAC has accredited the university with the B+ Status. It is an affiliating university comprising its jurisdictional districts of Vellore, Ranipet, Tirupattur, and Thiruvannamalai. The university has currently housed ten university departments with students' hostel facilities. The University, named after the great Tamil Divine Poet "Thiruvalluvar", is enshrined with the motto "Kannudaiyar Enbar Kattror" inferencing that the learned are having^{ar} ^Neyes whereas the unlearned are having two sores in their faces. Every effort is taken to make Thiruvalluvar University a temple of learning fulfilling the higher educational aspirations of the subalterns. The aim of the University is to provide facilities for advancement in Research and dissemination of knowledge with the focus on the economic and social upliftment of the society.



ABOUT THE DEPARTMENT

The Department of Computer Science was started in the year 2019 with the CBCS pattern. The department is committed to produce competitive computer professionals and scholars in tune with advanced technical concepts. The department strives to impart substantial knowledge in problem solving techniques, competencies for employability and integrity by inculcating ethical values. Students are motivated to attain excellences in their professional as well as their academic developments. The strength of the department lies on its curriculum design which is far reaching to cater to the needs of the world computer technocrats. This department is well equipped with the world-class computer laboratories including Multimedia laboratory, 4K Green Studio, and a common Computer Laboratory with the uninterrupted WI-Fi-internet facilities. The main aim and objective of the department is to facilitate the rural marginalized to access to the world class computer science and technology on par with the advanced countries.

ABOUT THE WORKSHOP

The aim of conducting workshop on this topic is that it would certainly help students and researchers to keep abreast of the recent technological advancements both in Virtual and Augmented Realities that are considered to be the inevitable aspects in the digital world. Augmented Reality (AR) and Virtual Reality (VR) bridge the digital and physical worlds. Augmented Reality (AR) is a technology that enriches the user's perception and provides a live view of the real world with digital information, aiming to expand it by adding images, sound, video and other virtual details. It is now used in a wide variety of fields like gaming, marketing, education and healthcare, and has multiple applications for training, learning, navigation, design and entertainment (Snapchat,

Google Lens, IKEA Place, etc). Virtual Reality immerses you in a virtual world through the use of a headset with some type of screen displaying a virtual environment. These headsets are also used as technology called head tracking, which allows you to look around the environment by physically moving your head. The display will follow whichever direction you move, giving you a 360-degree view of the virtual environment. VR makes education and practice easier, safer and more comfortable for users. It is used in social sciences, psychology and clinical therapy and VR visuals can help distract patients from their suffering and affect the pathways by which pain travels to the brain.

It is hoped that the outcome of the workshop would be of immense help to the students who aspire to become a successful entrepreneur in their professional lives.

THRUST AREAS

- **About AR / VR**
- **Scope of AR/ VR**
- **Unity Software**
- **Courses in AR /VR**
- **About AI and Data Science**
- **Usage of AI and Data Science in Industrialization 4.0**
- **Videos on AR /VR and AI**
- **Demo in AR / VR using Head gears**

AR



VR



SPEAKERS



Mr. S Sundara Raman

National Head , Scopik Edutech



Mr. Jainaressh

Regional Coordinator, MES C

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COORDINATORS



Dr. M . KAVITHA

Principal

DEPARTMENT OF COMPUTER SCIENCE
Thiruvalluvar University



N. MOHANA PRIYA

Guest Faculty

DEPARTMENT OF COMPUTER SCIENCE
Thiruvalluvar University



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VIRTUAL REALITY(VR) STUDIO 4.0
REGISTRATION FORM**

Mr./Mrs./Ms./Dr.

Designation & Institution

.....

Address for Correspondence:

.....

Mobile Number:

Email ID:

Amount Rs in words

.....

Paid ☐ unpaid ☐ (signature of candidate)

REGISTRATION FEE

Faculty	Rs. 500 /-
Research Scholars, Students & Participants	Rs. 200 /-

MODE OF PAYMENT

**The Organizing Secretary ARVR-23
A/C No : 248401000006447
IFSC : IOBA0002484
INDIAN OVERSEAS BANK,SERKKADU**

**For Spot Registration - contact Registration Desk
at the venue**