

National Conference on Emerging Trends and Opportunities in Augmented, Virtual and Mixed Reality

(NCETOAVMR' 2025)



In association with



Organized by

Department of Computational Sciences

PSGR Krishnammal College for Women

College of Excellence - **nirf** 2024 - 7th Rank
An Autonomous Institution, Affiliated to Bharathiar University

Accredited with 'A++' Grade by NAAC

Peelamedu, Coimbatore - 641 004

Website: www.psgrkcw.ac.in

24-25 February, 2025



About the Institution

PSGR Krishnammal College for Women was started on 28th June 1963 under the auspices of the GRG Trust by the visionaries Shri. G. R. Govindarajalu and Smt. Chandrakanthi Govindarajalu. Under the able leadership of the Managing Trustee, Shri. G. Rangaswamy and Chairperson Dr. R. Nandini, the college strives to live up to its motto, 'Educate to Empower'. The college is an ISO 9001:2015 certified, Autonomous institution affiliated to Bharathiar University. Over a period of 60 years, it has grown into a full-fledged, first-class post-graduate research institution. The college functions in two shifts, offering 36 UG, 17 PG, 1 PG Diploma, and 13 research programmes with a strength of 8500+ students and 425+ faculty members. The college was conferred with 'College of Excellence' status by the UGC in 2016 and has been awarded the A++ grade with a CGPA of 3.71 on a four-point scale by the NAAC in the fourth cycle of accreditation. It is ranked 7th in the National Institutional Ranking Framework 2024 by the Ministry of Education, Government of India.

About the Department

The Department of Computational Sciences is dedicated to excellence in education and research, offering a diverse range of programmes that integrate emerging technologies with industry-relevant skills. Over the past two decades, the department has expanded significantly, offering 7 undergraduate, 2 postgraduate and a PhD programme, including specializations in areas such as Cognitive Systems, Artificial Intelligence, Cyber Security, Data Science, and Data Analytics. The Department of Computational Sciences offers a well-structured curriculum, access to state-of-the-art infrastructure, providing students with ample opportunities for growth. The department ensures strong industry linkage and placement support, along with professional certification programs to enhance employability. International study abroad programs, offering global exposure and a broader perspective in the field of computational sciences.

About the Conference

This conference aims to explore the latest advancements in Augmented, Virtual, and Mixed Reality, with a focus on their transformative potential across industries and the future directions of these technologies. The conference provides a platform for undergraduate, post-graduate students, research scholars, faculty and practitioners to discuss technological breakthroughs, innovative applications, and the evolving landscape of the Metaverse. Participants will delve into the ways AR, VR, and MR are revolutionizing sectors such as education, healthcare, gaming and entertainment, retail, marketing and more. The conference will highlight opportunities for research, development, and collaboration, focusing on cross-disciplinary solutions that leverage these technologies to improve productivity, creativity, and user experiences.

Call for Papers

- AR/VR/MR in Healthcare and Medical Training
- AR/VR for medical training and surgical simulations
- Immersive Education and Virtual Classrooms
- Mixed Reality in Manufacturing and Design
- AR/VR/MR for Gaming and Entertainment
- AR/VR in Urban Planning and Architecture
- AR/VR for skill development and workforce training
- AR/VR for sustainable farming practices
- Ethical Challenges in AR/VR/MR Adoption
- MR in Real-Time Collaboration and Remote Work
- AR in cooking tutorials and recipe visualization
- AR/VR in Retail and Customer Engagement
- Immersive marketing strategies using AR/VR
- AR/VR Hardware and Device Innovations
- AR Display Devices
- Human-Computer Interaction in AR/VR
- Cognitive Impacts of Immersive Environments
- AR Development Tools and Platforms
- Digital Twinning in the Metaverse
- AR/VR/MR in Virtual Tourism

Important Dates

Submission Deadline: 12.02.2025

Notification of Acceptance: 15.02.2025

Camera-Ready Paper Submission with Registration Fee: 17.02.2025

Instructions to the authors

- The papers can be sent to the following Email ID: csconference2025@gmail.com
- Authors are required to submit their full papers not exceeding six pages.
- Manuscripts must be typed in double column IEEE format.
- Title page of paper should contain the author name(s), designations, institutions, e-mail id, mobile number along with paper.
- After confirmation of paper selection, Registration is mandatory. Registration link will be sent to mail.
- All the registered and accepted papers will be published in the conference proceedings with ISBN.
- Best paper presenter will be honored with cash prize.

Registration Details

- UG / PG Students: Rs. 200
- Research Scholars / Faculty: Rs. 300
- Industry Participants: Rs. 500

The registration fee shall be paid to,

- Account Name : **PSGR KRISHNAMMAL COLLEGE FOR WOMEN**
- Account Number : **381103000000532**
- IFSC Code : **IBKL0000006**
- Name of the Bank : **IDBI BANK,**
- Address : **Dr Balasundaram Road, Coimbatore - 641018.**

Registration fees include Conference Kit, Conference Proceedings (Soft Copy), Lunch and Certificate.

- For any queries regarding registration, paper submission and participation contact coordinators.

Chief Patrons

Chair Person
Dr. R. Nandini

Secretary
Dr. N. Yesodha Devi

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Dr. P. B. Harathi

Director - Computational Sciences
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Head, Department of CS with Cyber Security

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