

- **Title and abstract of the special session :**

Title : Robotics Revolution: Transforming Education Through Technology

Abstract: The "Robotics Revolution: Transforming Education Through Technology" special session focuses on exploring the diverse applications of robotics technology in revolutionizing education. Robotics has emerged as a powerful tool in enhancing learning experiences, promoting student engagement, and fostering innovative teaching methodologies. This session invites researchers, educators, and industry experts to present research papers on their insights, findings, and case studies on how robotics can be effectively used in education.

- **Organizers and their affiliations (including short bios)**

1. Dr.Parkavi.A , Associate Professor, Department of CSE, M S Ramaiah Institute of Technology, Bangalore.

Dr.Parkavi.A is Working As Associate Professor, Dept of CSE, M S Ramaiah Institute of Technology, Bangalore. Her research areas are Data Analytics,AI/ML in Health care in agricultural domains, Educational technology and educational data mining. She has conducted workshop and tutorials in Educational technology and educational data mining in international conferences. She is Presently Faculty advisor for Computer society and WIE in IEEE SB ,MSRIT. She is NPTEL SPOC for MSRIT, NPTEL Local chapter. She has involved in NPTEL transcripts translations of English to tamil translation. She is presently EXECOM member in IEEE Bangalore section Computer society . She has been selected as IEEE STEM ambassador for R10 -AsiaPacific region. She has 80 research publications published in reputed international journals and conferences. She has 10 book chapters published. Under the IEEE funds from WIE, Computer society and STEM , she has conducted many outreach activity for School students awareness on Computer science and engineering knowledge. She has patents published on: Social distance monitoring (granted), Malpractice detection in examination, Smart building monitoring systems, Customer feedback analysis. She is presently working on a MSRIT seed funded research project called “Sign language translator “.

2. Dr.Sini Anna Alex, Associate Professor, Department of CSE(AI/ML), M S Ramaiah Institute of Technology, Bangalore.

Dr. Sini Anna Alex is working as an associate professor, Dept. of CSE(AI&ML), M.S. Ramaiah Institute of Technology, Bangalore. She has 16 years of professional experience in teaching and research. She completed Ph. D from VTU in the area of Pervasive Computing Systems using Predictive Analysis. Her research interest include, ubiquitous computing, predictive analytics, artificial intelligence, compiler design, automata theory distributed, database systems and algorithm analysis. She has authored more than 50 peer reviewed journals/conferences/book chapters. She is selected as the ambassador and mentor of IEEEExtreme 2022 and 2023. She is presently IEEE Sight Vice Chair and ACM chapter at Institute. She has worked on Consultancy project for on “Predictive Analytics on Agglomerated data” from March-July 2021 and research R&D industry projects such as Samsung, Unisys, HPE etc. She was the mentor for “CodXPress”, a two-day section-

level hackathon across five locations over karnataka on 29-30 April 2023 organized by the IEEE Bangalore section.

- **Provide a sample call for papers (if any) for a Special Session proposals.**

The Robotics Revolution special session invites researchers, educators, and industry experts to submit papers on innovative projects, best practices, and research findings related to robotics in education. We welcome contributions that explore the transformative impact of robotics technology on teaching and learning.

Topics of Interest:

- Robotics in STEM Education
- Enhancing Student Engagement with Robotics
- Robotics for Specialized Education
- Robotics Competitions and Extracurricular Activities
- Future Trends and Innovations in Robotics Education

Submission Guidelines:

Please submit your paper in PDF format by [Submission Deadline]. Papers should follow the conference formatting guidelines and include an abstract, keywords, introduction, methodology, results, discussion, and conclusions.

- **CFP Dissemination plan (special session proposals)**

The dissemination plan for Call for Papers (CFP) for special session proposals involves targeted outreach to potential contributors and leveraging various communication channels to ensure broad visibility and engagement.

- Conference Website:
 - Creating a dedicated section on the conference website for the special session proposals.
 - Providing comprehensive information about the special session themes, topics of interest, submission guidelines, deadlines, and publication opportunities.
- Email Campaign:
 - Sending personalized emails to researchers, educators, industry professionals, and relevant academic institutions.
 - Highlighting the significance of the special session topics, the benefits of participation, and the publication opportunities for selected papers.
- Social Media Promotion:
 - Utilizing social media platforms such as Twitter, LinkedIn, Facebook.
 - Sharing compelling posts, graphics, and videos about the special session themes, inviting submissions and encouraging engagement from the academic community.
- Professional Networks and Associations:
 - Collaborating with professional associations, societies, and networks related to the conference themes.

- Requesting them to distribute the CFP among their members, networks, and affiliated institutions to reach a wider audience.
- Feedback and Engagement:
 - Encouraging feedback, questions, and inquiries from potential contributors through email, social media platforms, and the conference website.
 - Fostering engagement by responding promptly, addressing concerns, and providing clarifications on the submission process and guidelines.
- Follow-up and Reminders:
 - Sending regular reminders and updates about the CFP deadlines, important dates, and submission status.
 - Following up with potential contributors to ensure a high response rate, quality submissions, and active participation in the special session.

Submission Deadline: 10 May 2024 (AoE)

Decision Notification: 10 June 2024

Camera-ready Paper Due: 20 June 2024

Make your submission to track 'Special Session on Robotics Revolution: Transforming Education Through Technology' on EasyChair <https://easychair.org/conferences/?conf=ieeecoins2024>