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SOCSE Binary Banner

6th Edition



DEAN'S MESSAGE



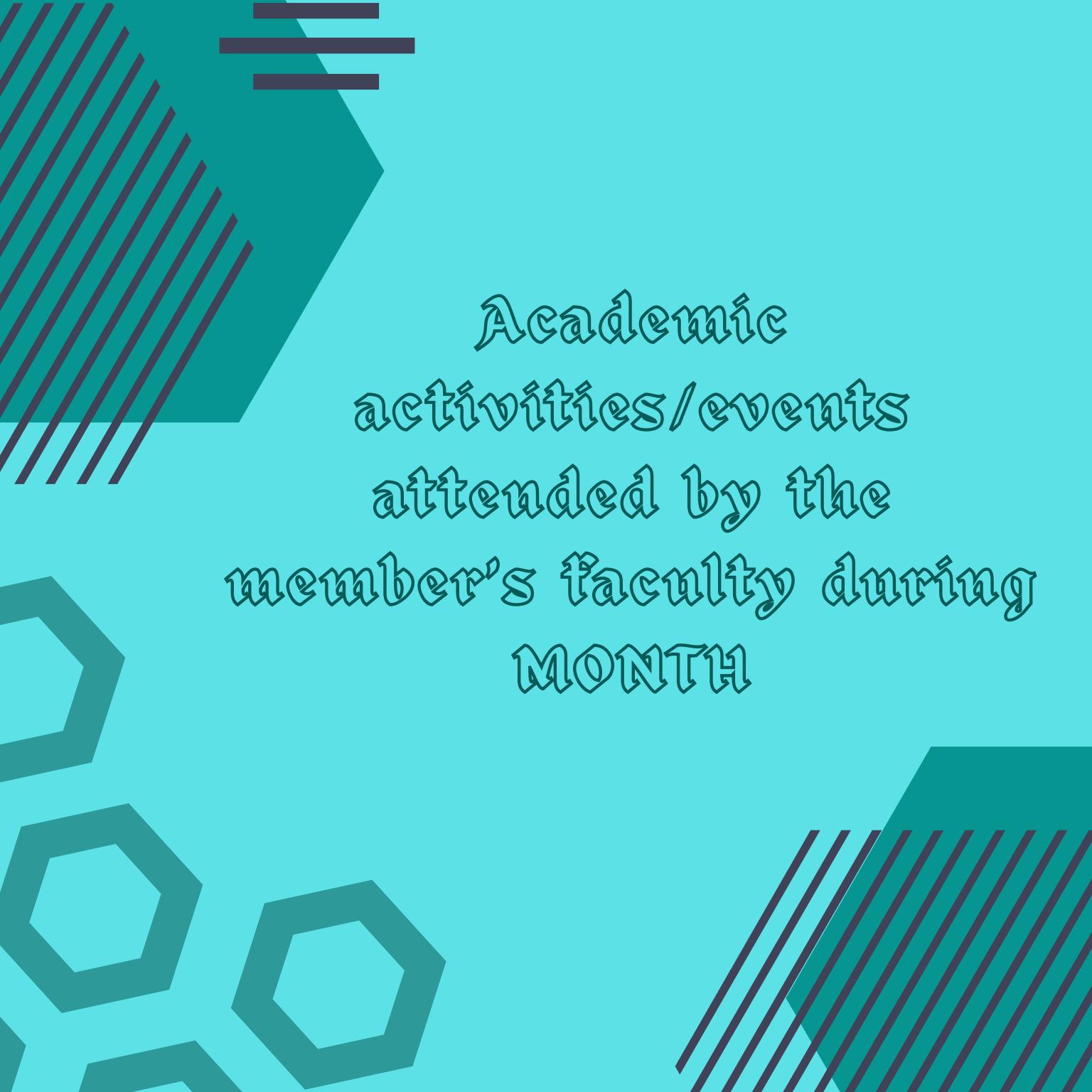
Dear Readers,

As we reflect on the past month, I am pleased to share with you the outstanding achievements and contributions that have made our school community stronger and more vibrant. Our students have continued to excel in both academic and extracurricular pursuits. Notable achievements include: Many students participated in cocurricular, extra curricular and cultural events this month, showcasing their talents in music, dance, and the arts. These performances have not only enhanced our school spirit but have also earned accolades. Our faculty have continued to lead by example, both in and out of the classroom. This month's notable events include: Several faculty members attended FDP's, workshops and seminars to enhance their teaching skills and engage with the latest educational practices. Their commitment to lifelong learning is commendable. Faculty members have made significant contributions to collaborative research, with publications and presentations in various academic journals and conferences. Their work continues to elevate the reputation of our school. Our faculty organized workshops, seminars, and outreach programs for the local community. These events not only showcase our faculty's expertise but also reinforce our commitment to service and education beyond the school walls. As always, I extend my deepest gratitude to the entire school community for your unwavering dedication to excellence. Let us continue to support one another as we work toward even greater achievements in the months ahead.

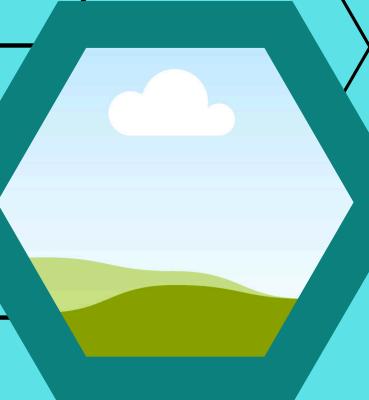
Sincerely,

Dr. G Shobha

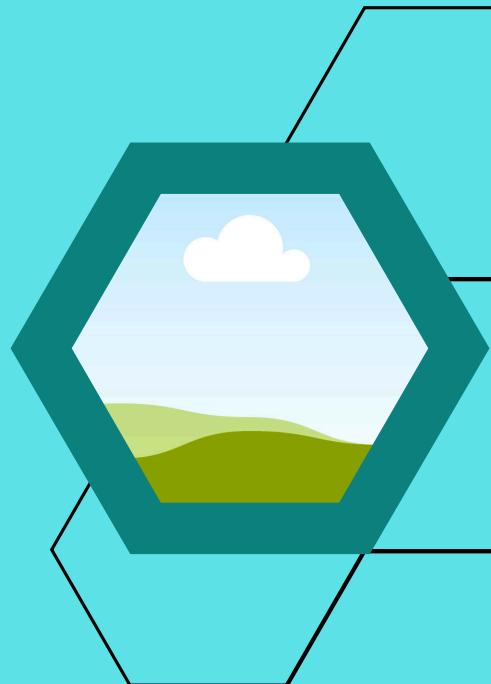
Dean, School of Computer Science and Engineering



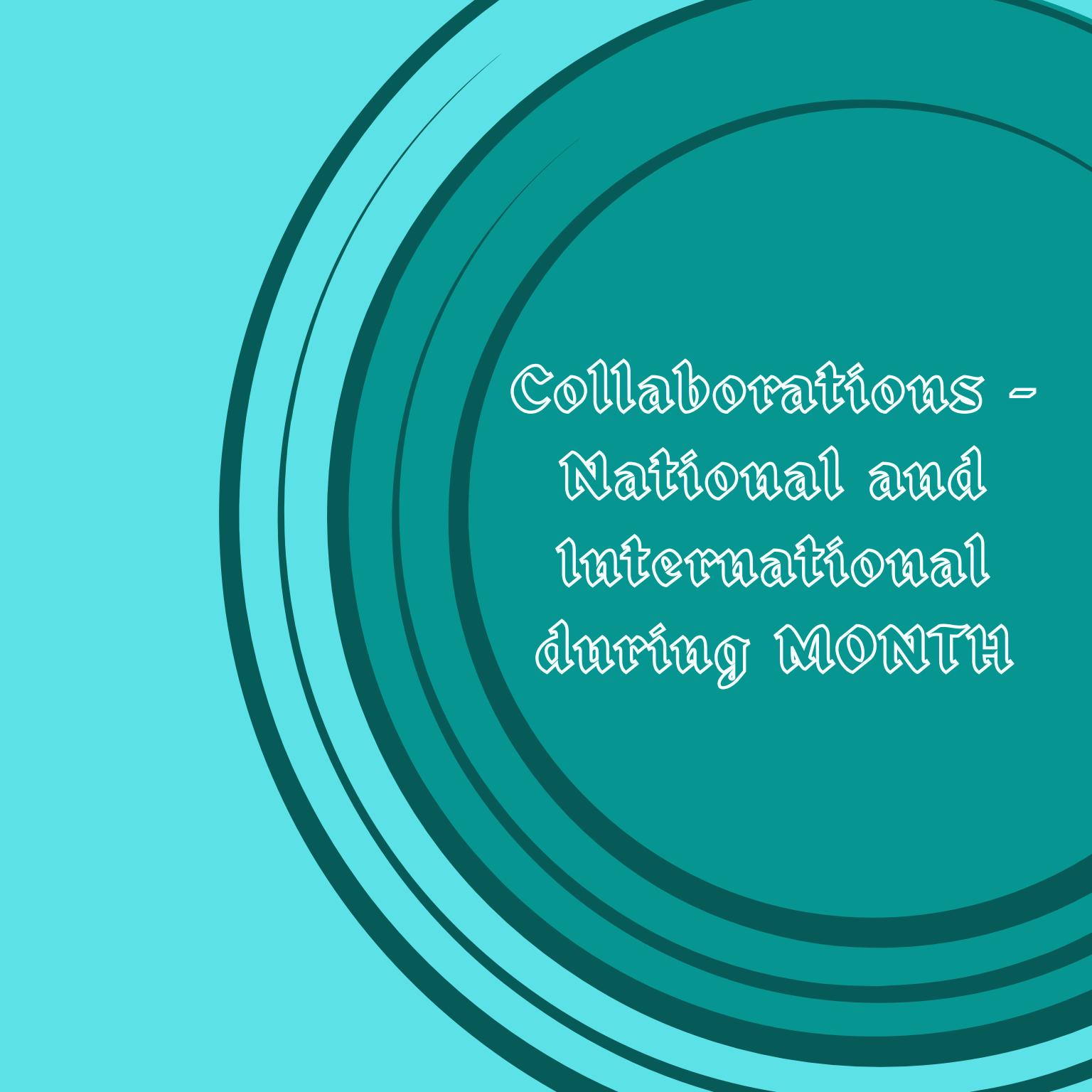
Academic
activities/events
attended by the
member's faculty during
MONTH



Prof. Ashwini Prasad S was invited to serve as an External Reviewer for academic programs at two reputed institutions in June 2025. On 9th June 2025, she reviewed the Master of Computer Applications (MCA) program at National College, Basavanagudi, and on 20th June 2025, she evaluated the Bachelor of Computer Applications (BCA) program at Surana College, Bangalore. These engagements reflect her expertise in computer science education and her significant contribution to academic quality assurance.

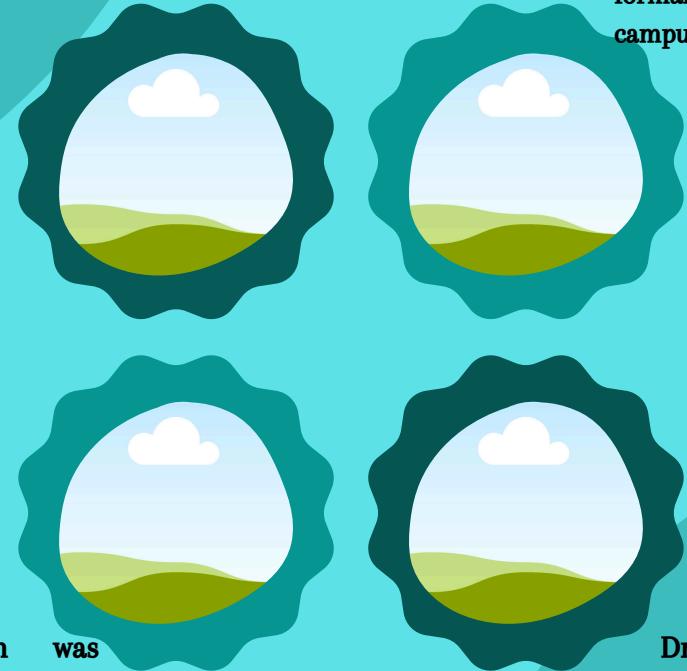


Dr. Baishali Garai was invited to serve as an External Reviewer for the 6th Semester B.Sc. Project Evaluations on 9th June 2025 at MS Ramaiah University of Applied Sciences, Bangalore. Her involvement reflects her academic insight and commitment to guiding undergraduate research in the sciences.



Collaborations -
National and
International
during MONTH

An Industry Collaboration with Wise Work was formalized on 22nd May 2025, under the guidance of Dr. Ashwini K. The collaboration focuses on student training and placement, leading to the successful placement of 12 students at Wise Work. This partnership reflects the institution's commitment to bridging academic learning with industry opportunities.



A research collaboration was formalized with the KLE Institute of Dental Sciences, Bangalore, through the signing of a collaborative document on 20th June 2025. The collaboration, led by Dr. Vidya M. J and Dr. Merin Thomas, aims at the execution of joint research projects, fostering interdisciplinary work between dental sciences and computing.

On 17th June 2025, Prof. Chandramouleeswaran Sankaran, accompanied by Ms. Shashikala R, Placement Officer, visited the offices of Light & Wonder an American corporation in the gaming industry and SHARP Software Development India Pvt. Ltd. at ITPL, Bangalore. The visit aimed to engage with the HR teams of both companies and formally invite them to participate in the campus placement drive.

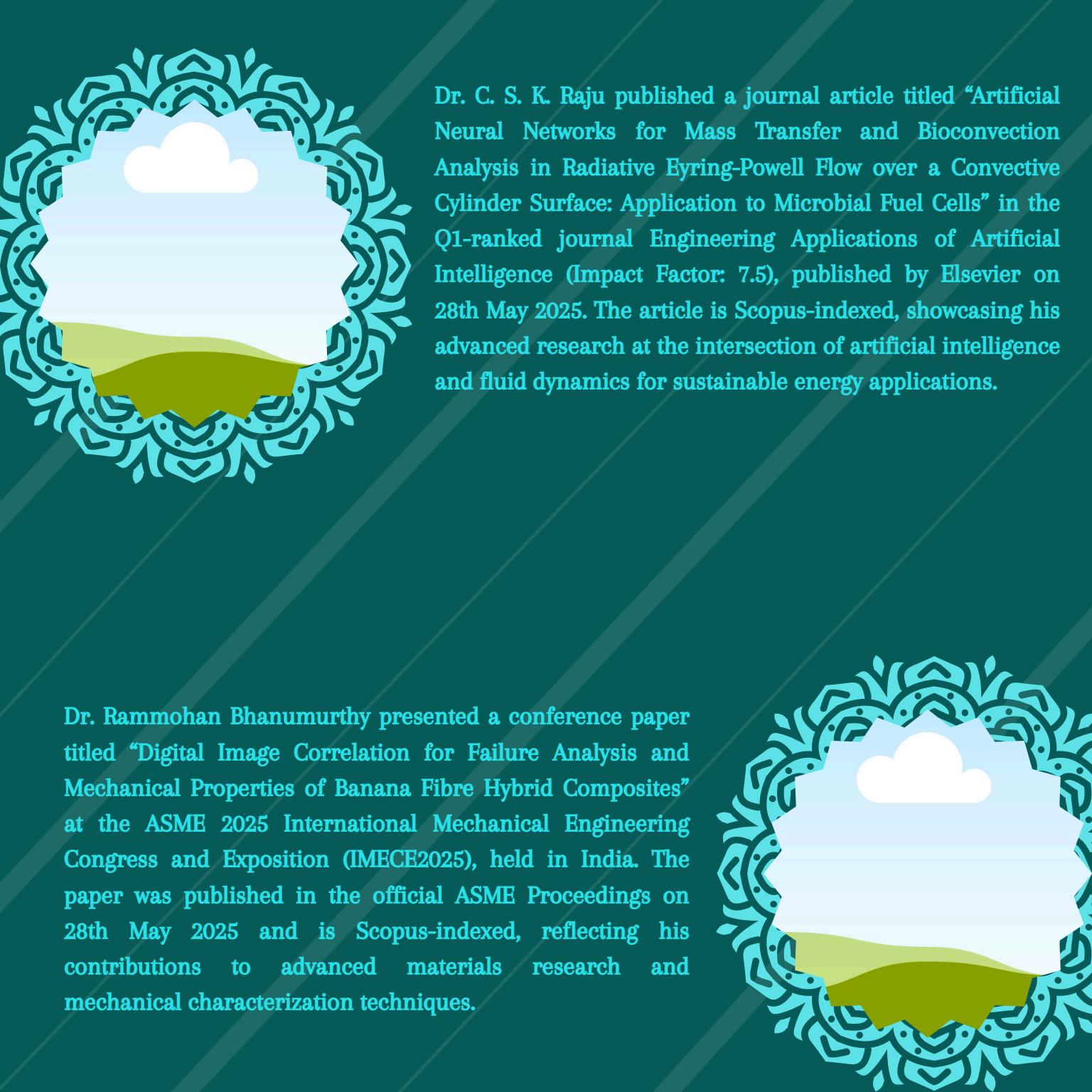
Dr. Baishali Garai and Dr. Vidya M. J attended a specialized workshop titled "SEMulator 3D", jointly organized by LAM Research India and CeNSE, IISc, on 19th June 2025. The workshop was part of the Semiconductor Skills Development initiative and served as a prerequisite for the Non-Disclosure Agreement.



Faculty / Student
Publications
during MONTH

Dr. Ramesh S published a book chapter in Materials Research Proceedings, released on 1st June 2025 by Materials Research Forum LLC, Millersville, PA, USA. The publication is Scopus-indexed, reflecting his contribution to advancing research in materials science.

Dr. Ashwini Kodipalli presented two Scopus-indexed research papers at prominent IEEE conferences in 2025. The first paper, titled “Estimating the Driving Range of Electric Vehicles in Real-Time Using a Fuzzy Logic Classifier”, was presented at the 6th International Conference on Control, Communication and Computing (ICCC 2025) on 25th May, and is published in IEEE Xplore. The second paper, “Malware Classification Using Artificial Neural Network”, was presented at the IEEE 2025 International Conference on Computing Technologies (ICOCT) in Bengaluru, Karnataka, on 13th June, and is also published in IEEE Xplore. These contributions highlight her active research in intelligent systems and cybersecurity.



Dr. C. S. K. Raju published a journal article titled “Artificial Neural Networks for Mass Transfer and Bioconvection Analysis in Radiative Eyring-Powell Flow over a Convective Cylinder Surface: Application to Microbial Fuel Cells” in the Q1-ranked journal *Engineering Applications of Artificial Intelligence* (Impact Factor: 7.5), published by Elsevier on 28th May 2025. The article is Scopus-indexed, showcasing his advanced research at the intersection of artificial intelligence and fluid dynamics for sustainable energy applications.

Dr. Rammohan Bhanumurthy presented a conference paper titled “Digital Image Correlation for Failure Analysis and Mechanical Properties of Banana Fibre Hybrid Composites” at the ASME 2025 International Mechanical Engineering Congress and Exposition (IMECE2025), held in India. The paper was published in the official ASME Proceedings on 28th May 2025 and is Scopus-indexed, reflecting his contributions to advanced materials research and mechanical characterization techniques.

Dr. Harish H published a journal article titled “Optimizing Manufacturing Plant Layouts Using AI and Heuristic Algorithms” in the Q2-ranked journal International Journal on Interactive Design and Manufacturing (IJIDeM), published by Springer Paris. The article is Scopus-indexed, highlighting his contributions to the application of artificial intelligence in industrial design and manufacturing optimization.

Prof. Sritama Banerjee published a journal article titled “Detection of Image-Scaling Attacks in Machine Learning” in the Q3-ranked journal TIJER on 25th May 2025. Although the journal is not Scopus-indexed, the publication reflects her ongoing research in machine learning security and adversarial attack detection.

Prof. Sonam V. Maju published a journal article titled “ApDeC: A Rule Generator for Alzheimer's Disease Prediction” in the Q2-ranked journal IAES International Journal of Artificial Intelligence (IJAI) on 23rd June 2025. The article is Scopus-indexed and highlights her research contributions in the application of artificial intelligence to healthcare diagnostics.





Prof. Sheba Pari N. successfully completed a 7-day Faculty Development Programme (FDP) on “Capacity Building in Cybersecurity and Its Investigation”, organized by the Research Foundation of India, New Delhi. The online programme was held from 23rd May to 30th May 2025, and focused on enhancing skills and knowledge in the domain of cybersecurity and digital forensics

Prof. Evlin Vidyu Latha P successfully completed a 7-day Faculty Development Programme (FDP) on “Capacity Building in Cybersecurity and Its Investigation”, organized by the Research Foundation of India, New Delhi. Conducted online from 23rd May to 30th May 2025, the programme aimed to strengthen foundational and investigative skills in the field of cybersecurity.

Prof. Sunil Kumar J. participated in a 7-day Faculty Development Programme (FDP) on “Capacity Building in Cybersecurity and Its Investigation”, organized by the Research Foundation of India, New Delhi. The online programme was conducted from 23rd May to 30th May 2025, focusing on enhancing faculty expertise in cybersecurity practices and investigation techniques.



Prof. Lokesh J K participated in the Microsoft Learn for Educators: Foundational AI Bootcamp Training Workshop, held in hybrid mode (offline and online) at IIIT Bangalore from 14th to 15th June 2025. The workshop focused on empowering educators with foundational knowledge and teaching tools in the field of Artificial Intelligence.



Dr. Bharath Manchikodi successfully completed a one-month online course on Quantum Computing, jointly organized by CDAC, the Ministry of Electronics and Information Technology (MeitY), and IIT Roorkee.



The course was held from 3rd May to 25th May 2025, and provided in-depth insights into the principles and applications of quantum computing.



Prof. Poorani Anbuchelvan participated in a Faculty Development Programme (FDP) on “Statistical Analysis with Excel”, organized by the Research Foundation of India. The online FDP was conducted from 2nd June to 6th June 2025, aiming to enhance analytical skills using Excel-based statistical tools.



Dr. Durgarao Guttula successfully completed a one-month online course on Quantum Computing, jointly organized by CDAC, the Ministry of Electronics and Information Technology (MeitY), and IIT Roorkee. The course was held from 3rd May to 25th May 2025, and focused on building foundational and practical knowledge in the emerging field of quantum computing.

Prof. Manasa H. C actively participated in two notable faculty development programmes. She completed a 10-day online FDP on "AI and Sustainability", organized by the E & ICT Academy in association with the Department of CSE, NIT Warangal, held from 6th to 15th June 2025. Additionally, she attended a 3-day Faculty Enablement Program on Professional Skills, organized by Infosys Springboard, conducted online from 28th to 30th May 2025. These programmes reflect her dedication to both technical advancement and professional development in academia.

Dr. Jeethu V. Devasia successfully completed a one-month online course on Quantum Computing, jointly organized by CDAC, the Ministry of Electronics and Information Technology (MeitY), and IIT Roorkee. Held from 3rd May to 25th May 2025, the course offered in-depth exposure to the theoretical foundations and practical applications of quantum computing.



Dr. Vidya M. J participated in a 10-day hands-on workshop on “Semiconductor Fabrication and Characterization”, organized by the Centre for Nano Science and Engineering at the Indian Institute of Science (IISc), Bangalore.



The offline workshop was held from 16th June to 24th June 2025, providing practical exposure to advanced techniques in semiconductor processing and analysis.

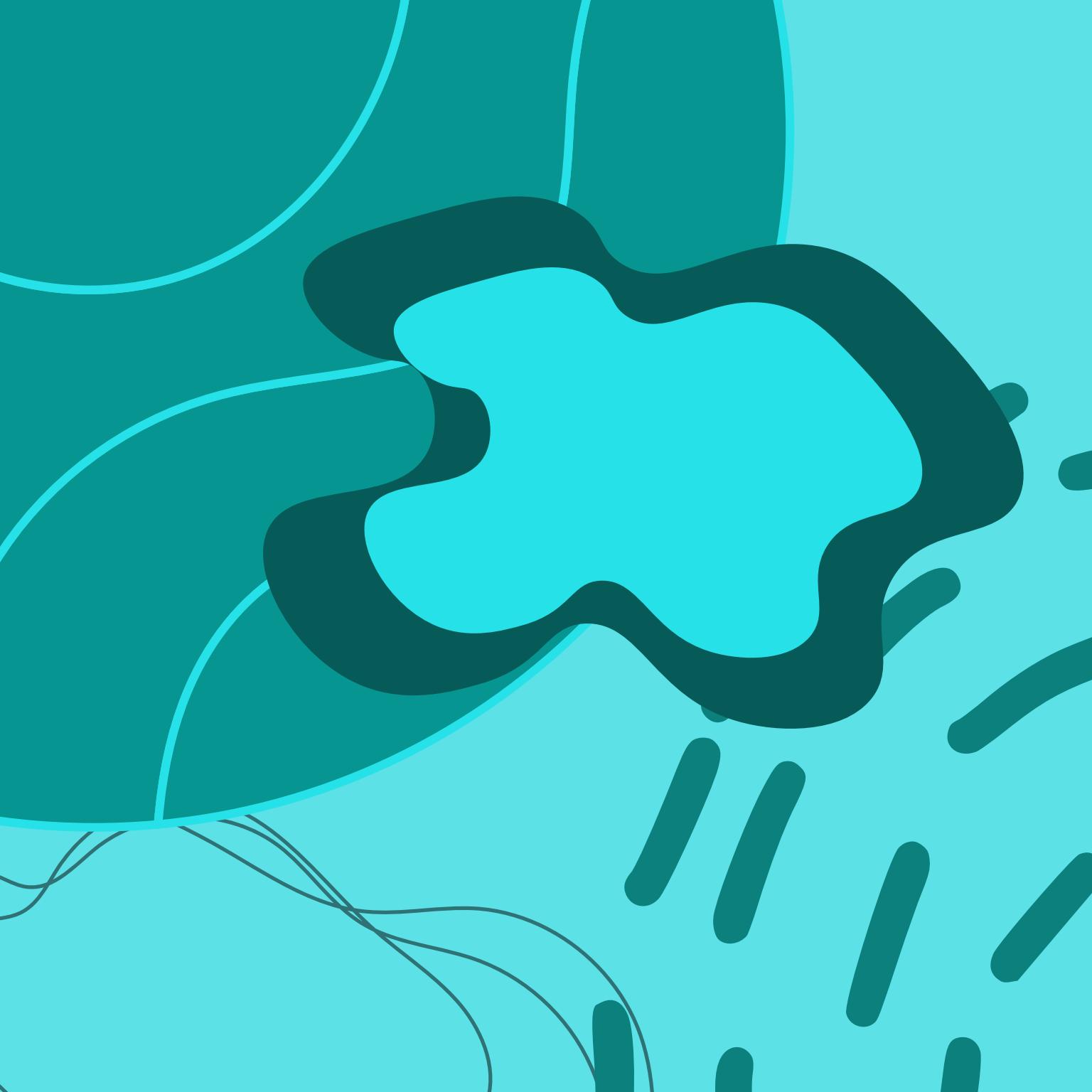


Prof. Amruthesh Bhat completed a one-month online course on Quantum Computing, organized by CDAC, the Ministry of Electronics and Information Technology (MeitY), and IIT Roorkee. Conducted from 3rd May to 25th May 2025, the course provided comprehensive training in the fundamentals and real-world applications of quantum computing.

Dr. Sumathi H. R successfully completed a one-month online course on Quantum Computing, jointly organized by CDAC, the Ministry of Electronics and Information Technology (MeitY), and IIT Roorkee. Held from 3rd May to 25th May 2025, the course provided comprehensive training in quantum computing concepts, tools, and real-world applications.

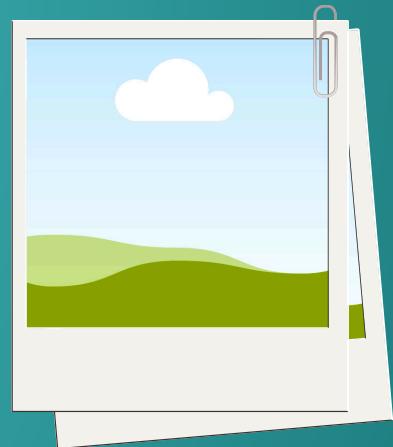
Dr. Basavaraj Patil participated in an online Faculty Development Programme (FDP) on “QT-03: Basics of Quantum Programming”, organized by Electronics & ICT Academies of MNIT Jaipur, NIT Patna, IIT Kanpur, IIT Roorkee, IIT Guwahati, IIITDM Jabalpur, and NIT Warangal. The FDP was held from 16th May to 7th June 2025, and focused on foundational concepts and programming techniques in quantum computing.

Dr. Baishali Garai presented a research paper at the 3rd World Congress on AI for Materials and Manufacturing, organized by The Minerals, Metals and Materials Society (TMS). The prestigious international conference was held offline from 15th to 19th June 2025 at Anaheim, California, USA, bringing together global experts at the intersection of artificial intelligence and materials science.

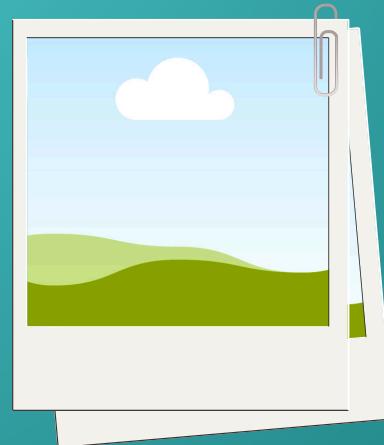


Dr. C.S.K. Raju has received multiple recognitions for his academic contributions and expertise:

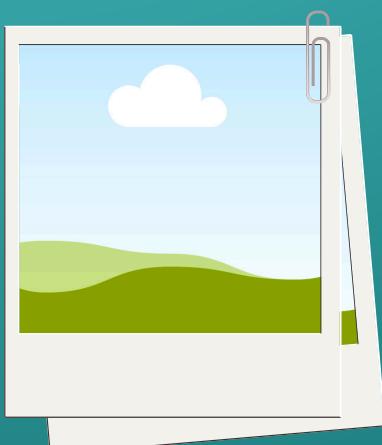
1. He was nominated for the JRF to SRF promotion committee at MIT-World Peace University, Pune, where his name was approved by the Hon. Vice Chancellor to serve on the panel evaluating Junior Research Fellows for Senior Research Fellow status.
2. He served as a reviewer for the reputed journal Modern Physics Letters-B, published by World Scientific, and successfully reviewed a submitted article.
3. He was nominated as a Board of Examiners (BOE) member for the M.Sc. program at REVA University, Bangalore, contributing to academic quality assurance.
4. He was also selected as a Question Paper Setter for examinations at Atria Institute of Technology, Bangalore, recognizing his subject matter expertise.



Jaineesh Patel, a second-year B.Tech (Hons.) Computer Science student at RV University, has secured a paid Software Development Engineer Internship at Livaro, Inc., a US-based startup backed by Berkeley SkyDeck Pad-13.



Selected for a full-time, 8-week remote role, he is contributing to both the frontend and backend development of Livaro's web platform. His work spans UI enhancement, API integration, AI agent design, and cloud infrastructure optimization using technologies such as React, Node.js, Supabase, and Git.



Dr. Rammohan Bhanumurthy has been actively contributing to academic peer review as a reviewer for the International Journal of Computational Methods. He reviewed three research manuscripts in 2025, titled:

1. "Three-Step Modulus-Based Gauss-Seidel Iteration Method for Linear Complementarity Problems" (Ref: IJCM-D-25-00097)
- 2.
3. "A Hybrid Legendre Basis Functions/Taylor Series Expansion-Based Variational Pseudo-Spectral Method for Bending Analysis of Three-Phase PM/rGO/CF Cylindrical Shells" (Ref: IJCM-D-25-00100)
4. "Multi-Channel Quantum Convolutional Diffusion Kernel Attention Neural Network-Driven Quantum Cloud Computing for Multi-Modal IoT Data Fusion and Analysis" (Ref: IJCM-D-25-00116)

Prof. Chandramouleeswaran Sankaran served as a reviewer for four research papers submitted to The Fifth International Conference on Emerging Techniques in Computational Intelligence (ICETCI 2025), to be held at Mahindra University, Hyderabad, from 21st to 23rd August 2025. His contribution as a reviewer underscores his active engagement in advancing research in computational intelligence.



Prof. Ashwini Prasad S has been nominated as a Board of Examiners (BOE) member for the BCA program at National College, Basavanagudi, Bangalore. This recognition reflects her academic expertise and her role in maintaining examination standards and curriculum quality.

Dr. Baishali Garai served as a Session Chair at the prestigious TMS Specialty Congress 2025, held in Anaheim, California, USA. She chaired a session during the 3rd World Congress on AI for Materials and Manufacturing, a key event within the congress, reflecting her leadership and expertise at the global intersection of artificial intelligence and materials science.

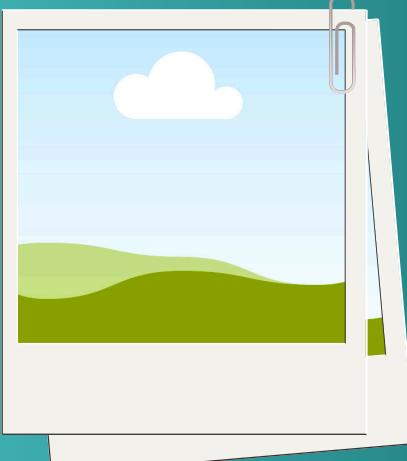


Dr. Rashmi S served as a peer reviewer for multiple high-impact, Scopus-indexed international journals in 2025. She reviewed:

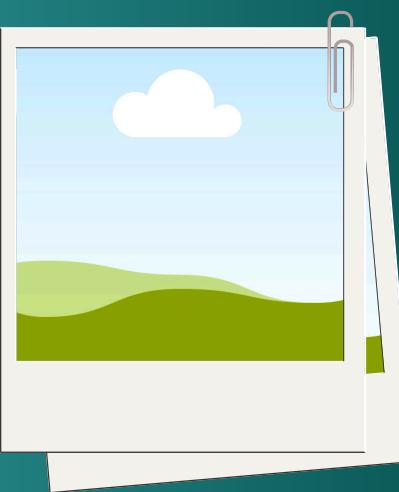
- One manuscript for BMC Oral Health, titled “Deep Learning for Angle Classification Based on Intraoral Photographs: An Interpretability Perspective”.
- Two manuscripts for Scientific Reports, titled “Teeth Detection in Panoramic Dental Images Using YOLOv8-OBB: A Deep Learning Approach with Rotated Bounding Boxes” and “Multimodal Deep Learning for Cephalometric Landmark Detection and Treatment Prediction”.
- One manuscript for Discover Applied Science, titled “Segmentation-Free Multi-View Heatmap-Based 3D Tooth Landmark Localization”.



Dr. Shyam Mohan J. S. has received multiple academic recognitions in 2025. He was nominated to set the question paper for Cloud Computing and Big Data Analytics for the End Semester Examinations at Geethanjali Institute of Technology, Andhra Pradesh. He was also invited to serve as an External Board of Studies (BOS) Faculty Member for B.Tech CSE and allied courses at Veltech University, Avadi, Chennai,



contributing to curriculum design and academic planning. Additionally, he reviewed three research papers for the International Conference on Advanced Applications of Artificial Intelligence (ICAAI - 2025), further showcasing his engagement with ongoing research in AI and computing.



A mini project demo by Francis Maria Sharan and Shreyank Srinivasan Harisha, students of B.Tech 2022 batch, was conducted on 2nd June 2025 at Skyworks Solutions Inc. The project was guided internally by Prof. Chandramouleeswaran Sankaran and externally by Mr. Rupesh V, Principal Engineer at Skyworks. The company highly appreciated the students' work, and as a result, Francis Maria Sharan was offered a two-month internship at Skyworks starting June 2025. This recognition reflects the real-world impact of student-led innovation and effective mentorship.

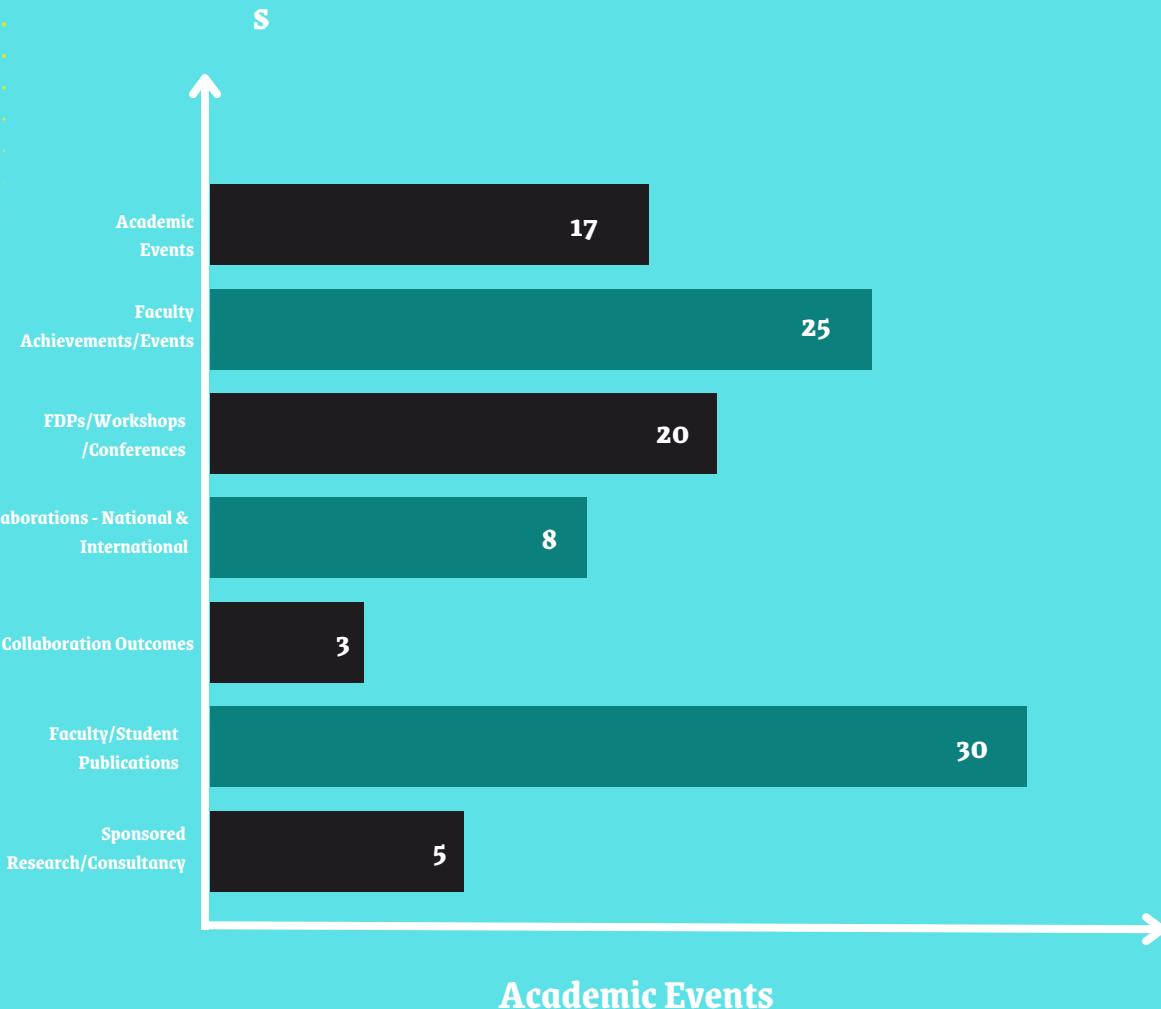




RV University celebrated International Yoga Day 2025 with a special session facilitated by Dr. Vidya M. J, in collaboration with professional trainers from SPYSS (Sri Pathanjali Yoga Shikshana Samiti). The event promoted holistic well-being among students and faculty through guided yoga practices and mindfulness techniques.

Progress at a Glance

June month



We encourage submissions of articles, insights, and contribution on technology, scientific advancements, and related topics for our Newsletter (Faculty or Students)

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