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SOCSE Binary Banner

5th 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

Faculty Development
Programme (FDP)
Workshop Conferences/
Symposium during the
period



Dr. Jeethu V. Devasia attended a Foreign Guest Lecture on “AI and Machine Learning: Application to Engineering” conducted by VIT-AP University on 25th April 2025 in an online format. The session provided valuable international perspectives on the integration of artificial intelligence and machine learning within engineering fields, enriching participants' understanding of cutting-edge applications and global best practices.



Prof. Ashwini Prasad S actively enhanced his academic and research proficiency by attending two impactful Faculty Development Programmes (FDPs) in April 2025. From 21st to 27th April, he participated in a 7-Day FDP on “Research, Innovation & Industry Connect: Empowering Excellence in Education,” organized by Jyothi Nivas College in an online mode. The programme focused on bridging the gap between academia and industry through innovation-driven teaching and research. Additionally, on 25th April 2025, he attended a One-Day FDP on “Advanced Approach to Deep Learning in AI” hosted by Sapthagiri NPS University, which explored the latest methodologies and applications in the field of artificial intelligence.



Sunil Kumar J successfully completed an NPTEL online certification course on “Computer Networks and Internet Protocol” from January to April 2025. The course provided an in-depth understanding of networking concepts, protocols, and architecture, enhancing his technical proficiency in one of the core domains of computer science.

Dr. CSK Raju delivered an expert online talk titled “Linear Algebra in Action: Bridging Mathematics with Technology and Innovation” as part of a One-Day Faculty Development Programme (FDP) on Applications of Linear Algebra held on 28th April 2025. The session highlighted the critical role of linear algebra in technological advancements and innovative solutions across various fields.



Dr. Shobha G made notable contributions to international research forums through two significant paper presentations in May 2025. She presented “Massively Scalable Density-Based Clustering (DBSCAN) on the HPCC Systems Big Data Platform” at the International Conference on Artificial Intelligence and Machine Learning held in Copenhagen, Denmark, on 12th and 13th May 2025, organized by the Mindspace Conference & Organizing Committee. Shortly after, she presented another paper titled “Automated Resume Parsing and Candidate Profiling System for Efficient Talent Acquisition” at the 5th International Conference on Pervasive Computing and Social Networking



Dr. Ishita Chakraborty completed an online course on “Digital Forensics Concepts” through Coursera on 13th May 2025. The course deepened her understanding of techniques and tools used in investigating digital crimes, enhancing her expertise in cybersecurity and forensic analysis





Sheba Pari N successfully completed an online training session on “Introduction to Cybersecurity” organized by IBM SkillBuild on 16th May 2025. The session focused on foundational cybersecurity principles, helping participants strengthen their understanding of digital security, threat prevention, and responsible online practices in today’s interconnected world.



Prof. Ashwini Prasad S attended a One-Day Faculty Development Programme (FDP) on “Internet of Things” organized by B.E.T. Sadathunnisa Degree College, Bangalore, held online on 17th May 2025. The session offered in-depth knowledge of IoT concepts, its applications, and emerging trends, enhancing his expertise in this rapidly evolving field.



Sheba Pari N attended a One-Day Faculty Development Programme (FDP) on “Internet of Things” organized by B.E.T. Sadathunnisa Degree College, Bangalore, on 17th May 2025 in an online mode. The session offered valuable insights into IoT technologies, applications, and their growing significance in academia and industry.

Evlin Vidyu Latha P participated in a One-Day Faculty Development Programme (FDP) on “Internet of Things” organized by B.E.T. Sadathunnisa Degree College, Bangalore, held online on 17th May 2025. The programme provided comprehensive insights into IoT technologies and their expanding role in various sectors



Sheba Pari N participated in a 6-day Faculty Development Programme (FDP) on Innovative Teaching and Learning Pedagogy, organized by RFI India. Conducted online from 19th to 24th May 2025, the programme focused on modern pedagogical techniques aimed at enhancing teaching effectiveness and student engagement.

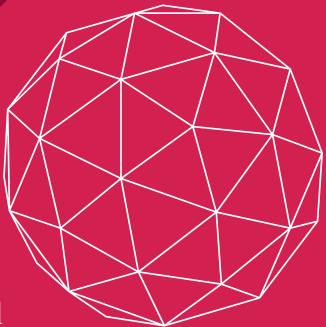




Academic activities
organized by the school
during MONTH



The SuprMentr Drive took place on 2nd May 2025 at the RVU B Block Multipurpose Hall, featuring an engaging session by Mr. Supreeth, Founder and CEO of SuprMentr. The event offered students valuable insights into entrepreneurship, innovation, and personal development. It was organized by Dr. Ashwini K, with seamless coordination by Prof. Veena S, Ms. Manasa, Prof. Anik, and Prof. Anoop, ensuring a well-executed and impactful experience for all attendees.



Vikasya, a prestigious national-level hackathon, was held on 27th April 2025 at the RVU 'A' Block Classrooms. The event brought together some of the brightest young minds to showcase their innovative solutions and technical prowess. The judging panel featured esteemed academicians and experts, including Dr. Manish Kumar, Prof. Ashwini K, Dr. Ananya Chakraborty, Prof. Kalpana Devi S, whose insights and evaluations added immense value to the competition. The event was organised by Prof. Aishwarya Singh Gautam.



The Wise Work Drive was conducted on 2nd May 2025, providing a structured platform for student placements and professional skill evaluation. The drive was meticulously organized by Dr. Ashwini K, with coordination support from Prof. Veena S, Ms. Manasa, Prof. Anik, and Prof. Anoop, contributing to a smooth and efficient recruitment process.



World Telecommunication and Information Society Day (WTISD) 2025 was commemorated on 17th May 2025 at the Biotechnology Seminar Hall, RV University. The event featured a distinguished panel of speakers, including Dr. M.H. Kori, Technology Advisor at SAGE USA; Mr. Vinay Solanki, Business Head at NASH Industries; and Ms. Gnanapriya C, Chair of IEEE ComSoc Bangalore Chapter. The session was also graced by Dr. K S Shushrutha, Associate Professor at RV University, who contributed to the insightful discussions on the evolving landscape of telecommunications and its societal impact.

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

Dr. Manish Kumar was the invited speaker at the One-Day Conference on “Protection of Children in the Digital Space” held on 22nd April 2025 at Soundarya College of Law, Bangalore. His expert insights shed light on the critical challenges and evolving legal frameworks aimed at safeguarding children in today’s digital environment, fostering awareness and dialogue among students and professionals alike.



Madugundu Chiranjevi acted as the Faculty Supervisor for the "Exploring Kaiwara Betta" event organized by the Art of Travel Club on 12th April 2025. The event took place at Kaiwara Betta, Bangalore, offering participants an immersive experience in nature and travel exploration.





Dr. P. Karthikeyan has been actively contributing to the academic discourse around artificial intelligence through a series of impactful sessions across various institutions. On 25th April 2025, he presented "Demystifying the Black Box: Research Trends in Explainable AI" at The Kavery Engineering College, Salem, offering insights into the latest developments in making AI models more transparent and interpretable. This was followed by his session on "AI and Ethics" held on 7th May 2025 at the Bengaluru International Centre, where he addressed the pressing ethical concerns surrounding AI technologies. Continuing this momentum, he spoke on "Explainable AI in Action: Visualizing and Understanding Model Decisions" at Mahendra Engineering College, Salem on 12th May 2025, emphasizing practical techniques for model interpretation. Most recently, on 14th May 2025, he conducted a Board Study for AI and ML at Sapthagiri NPS University, guiding students and faculty through foundational and advanced aspects of artificial intelligence and machine learning curricula. These sessions collectively highlight Dr. Karthikeyan's dedication to fostering responsible and comprehensible AI education.



Dr. Rammohan Bhanumurthy participated in two significant academic engagements, showcasing his expertise and contributions to higher education.

On 7th May 2025, he was invited by the Aerospace Engineering Department at RV College of Engineering (RVCE) to serve as an External Expert for their faculty recruitment process, recognizing his authority and insight in the field.



Sheba Pari N. served as an External Question Paper Scrutiny Member on 17th May 2025 for S-Vyasa University, Bangalore, contributing to maintaining academic standards and quality in examination processes.



On 23rd May 2025, Ashwini Prasad S was invited to serve as an External Examiner at Surana College, Basvangudi. His role was pivotal in ensuring a fair and rigorous evaluation process, lending his valuable expertise to uphold the institution's academic standards and integrity.

Faculty / Student
Publications during
MONTH



Dr. P. Karthikeyan published a research article titled “MapReduce-Enhanced Fuzzy K-Least Medians for Qualitative Clustering of Document Big Data” in a Q2-SCIE journal on 25th February 2025. The article, published by Wiley, explores advanced clustering techniques for handling large-scale document data using MapReduce frameworks. This publication is indexed in Scopus, highlighting its recognition in the scientific community.

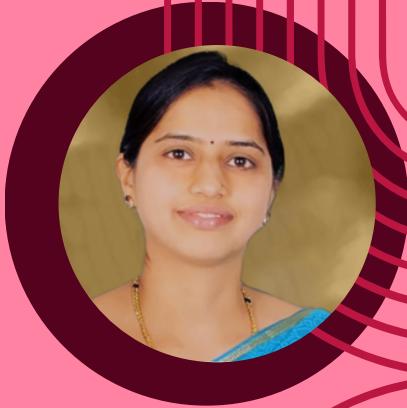


Chidhanand R S contributed a book chapter titled “Data Science & Exploration in Artificial Intelligence” published in March 2025 by Routledge, Taylor & Francis. This chapter delves into advanced data science techniques and their applications within the field of artificial intelligence, providing valuable insights for researchers and practitioners alike.



Dr. Harish H published a research article titled “Augmented Lipid Biosynthesis in Native Fungus through Dual-Stage Optimization of Lignocellulosic Biomass Residue Pretreatment and Fermentation Conditions” in a Q2-SCIE journal on 25th April 2025. Published by Springer, the study presents advancements in fungal lipid production by optimizing biomass pretreatment and fermentation processes. This publication is indexed in Scopus, highlighting its contribution to bioengineering research.

Dr. Vidya M J presented a research paper titled “Intravenous Bag Monitoring and Alert System – A Prototype” at the 3rd International Conference on Biomedical Engineering Science and Technology: Computational Methods in Biomedical Research held at NIT Raipur in April 2025. The paper, published by Springer, showcases an innovative healthcare prototype aimed at improving patient safety. This work is indexed in Scopus, highlighting its scholarly impact.



Dr. Ramesh S published a journal article titled “Mechanical Characterization and Predictive Modeling of Abaca-Bagasse Polyester Sandwich Composites Using an Artificial Neural Network” on 14th May 2025. The paper, appearing in a Q1-SCIE journal published by Taylor and Francis, presents innovative research on composite materials and predictive modeling using artificial neural networks. This publication is indexed in Scopus, underscoring its high academic impact.



Dr. D. Sathya published a research article titled “Edge Computing and Blockchain-Based Data Security in IoMT” in a Q2-SCIE journal on 15th May 2025. Published in the International Journal of Engineering (IJoE), the paper explores innovative methods to enhance data security in the Internet of Medical Things using edge computing and blockchain technologies. This publication is indexed in Scopus, reflecting its significance in the field.



Dr. Ashwini K presented a research paper titled “Estimating the Driving Range of Electric Vehicles in Real-Time Using a Fuzzy Logic Classifier” at the 6th IEEE Conference on Controls, Communication, and Computing held from 23rd to 25th May 2025. This IEEE conference publication is indexed in Scopus, and the work focuses on enhancing the accuracy and efficiency of electric vehicle range estimation using advanced fuzzy logic techniques.

Dr. Vidya M J contributed a book chapter titled “AI and IoT in Edge Computing for Climate Analysis and Sustainability” published in May 2025 by IGI Publications. This work explores the integration of artificial intelligence and Internet of Things technologies within edge computing frameworks to address climate analysis and promote sustainable practices. The publication is indexed in Scopus, reflecting its academic relevance.



Achievements and
recognitions (students
and faculty) during
MONTH

Prarthana V Bhat, Puneetha S Shankar, Bonthala Lalith Aditya and Pranav Prasanna Krishna won the pitchcraft event in the AIML & IOT domain competing against 80+ teams. It was an intercollegiate startup pitch competition hosted by Dayananda Sagar College. The team impressed a 12-member expert jury with their innovative idea: a precision training device for shooters that combines AI-powered analysis with real-time haptic feedback. The team was awarded a cash prize of ₹6,000 .



Dr. D. Sathya successfully completed the Blockchain Developer Certification awarded by the EC Council, enhancing expertise in blockchain technology and its applications in secure and decentralized systems.





Dr. CSK Raju served as a peer reviewer for Chemical Engineering Science, an esteemed journal published by Elsevier with an impact factor of 4.2. His expertise contributed to the evaluation of the manuscript titled “Shear-thinning behavior of non-Newtonian JP-10-based gel fuels: A molecular dynamics study.”



Dr. Rashmi S served as a Technical Reviewer for the 2025 Annual International Conference on Data Science, Machine Learning, and Blockchain Technology (AICDMB), a prestigious event technically sponsored by IEEE. Her contributions helped ensure the quality and rigor of the conference's scholarly presentations.



Dr. Manish Kumar also served as a peer reviewer for the IEEE Access Journal, critically evaluating the paper titled “A Comprehensive Study on Web and SSH Honeypots for Cyber Threat Detection and Prevention.” His review helped ensure the quality and rigor of research in cybersecurity.



Dr. Manish Kumar acted as a peer reviewer for the IEEE Access Journal, evaluating the paper titled “Old MacDonald and His Hackable Smartphone Application: A Security and Privacy Analysis of Android Agriculture Applications.” His expertise contributed to maintaining the high standards of this multidisciplinary open-access journal.

Dr. Manish Kumar has been granted Fellow Membership by the Institution of Electronics and Telecommunication Engineers (IETE), recognizing his significant contributions and professional excellence in the field of electronics and telecommunication engineering.

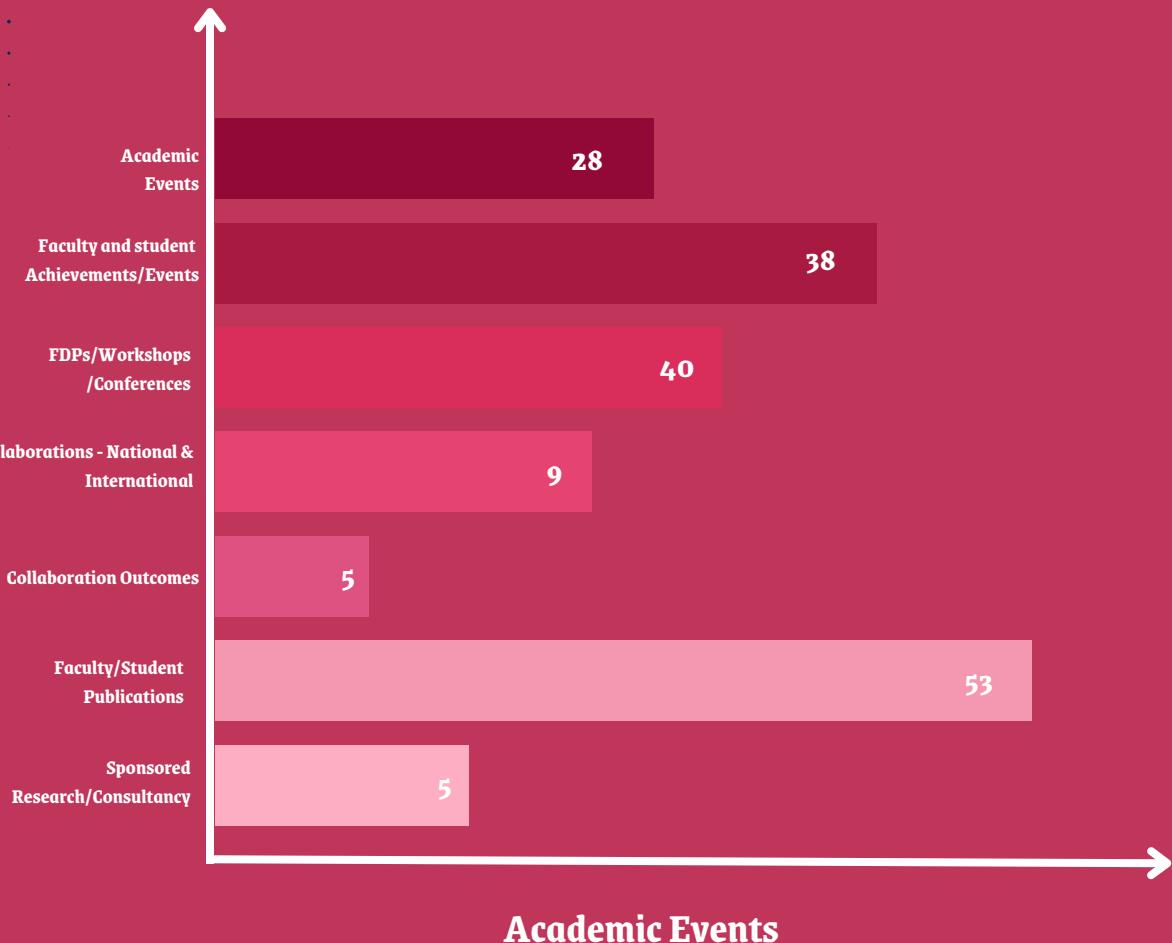


Dr. Rashmi S received official recognition for her research work DiverseCeph19, which has been deposited in the Indian Biological Image Archive (IBA) under the Indian Biological Data Center (IBDC). This milestone supports national open data initiatives by making valuable biological data accessible for research and innovation.

Dr. Rashmi S has actively contributed to the advancement of scientific research by serving as a peer reviewer for several reputed international journals, including Scientific Reports (Nature Portfolio), Sensing and Imaging, and BMC Pediatrics. Her expert evaluations of research manuscripts uphold the quality and integrity of scholarly publications in her field.

Progress at a Glance

Jan-May 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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