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Varthamanjari

e-Newsletter
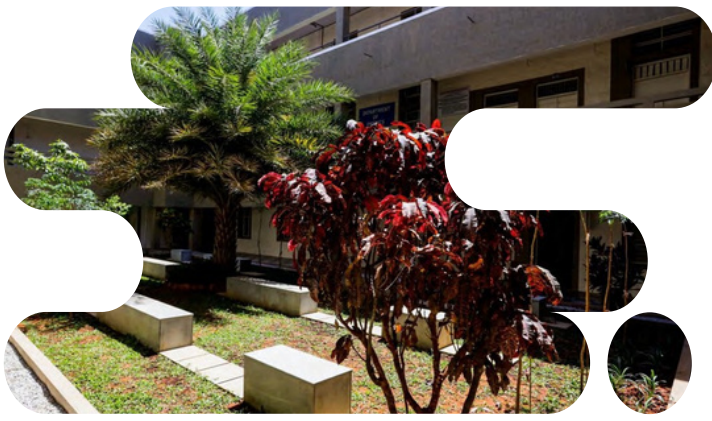
*Silver Jubilee Reunion of
1996–2000 ECE Batch*

Sri Krishnadevaraya Educational Trust

Sir M. Visvesvaraya Institute of Technology

(Affiliated to VTU-Belagavi, Recognized by AICTE and Accredited by NAAC)

VISION

To be a Centre of Excellence in technical and management education, fostering innovation, cutting-edge interdisciplinary research and ethical values to create responsible citizens and skilled professionals ready to serve as invaluable assets to the global community.

MISSION

- Providing rigorous academic programs that blend technical expertise and management principles to equip students with the skills needed to excel in their chosen fields.
- Fostering innovation and interdisciplinary collaboration among faculty and students to spearhead impactful research aimed at addressing sustainability challenges, while also providing robust support for entrepreneurial ventures and initiatives.
- Integrating ethical and social responsibility among the engineers and managers who understand the importance of their work in advancing society while upholding professional integrity.
- Establishing partnerships with industry leaders and stakeholders to create opportunities for experiential learning, internships, and real-world projects that prepare students for successful careers in the global marketplace.
- Continuously investing in state-of-the-art facilities, technology, and faculty development to ensure a dynamic learning environment that fosters creativity, critical thinking, and lifelong learning.

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Sir MVIT

Congratulates

VTU Rank Holders

2024-25

4th Rank

MS. BRUNDA T. A.
1MV21ET008
ETE BRANCH

5th Rank

MS. BINDHUSRI DASARI
1MV21ET007
ETE BRANCH

6th Rank

MS. JEEVANA S.
1MV21IS019
ISE BRANCH

7th Rank

MS. NIKHITHA J.
1MV21ET022
ETE BRANCH

9th Rank

MS. KOTA MADHU LATHA
1MV21ET034
ETE BRANCH

"We are immensely proud of your outstanding academic achievements and dedication"

FROM

Management, Principal, Faculty and Staff members

INSTITUTIONAL NEWS

The Career Guidance Cell, in association with the departments of Artificial Intelligence & Machine Learning and CSE(IOT & Cyber Security including Blockchain) organized a 5-Day program on "Professional Development Program" for S7 students from 21st to 26th July 2025. A total of 140 students attended the program. The objective was to enhance domain knowledge through continuous learning and engagement with current trends and technologies. The resource persons were Ms. Chaya Gowda, Business Development Officer, Fantasy Foundations and Mr. Krishne Gowda, Software Designer, Alstom Transport, Bengaluru. The event was coordinated by Dr. Soumya Patil and Dr. Savita Choudhary.

MoUs Signed

The Institute entered into a Memorandum of Understanding with COMEDKARES Skill Development, represented by Dr. P. Ramesh, on 2nd July 2024, for a period of 3 years. This MoU aims to establish a collaborative partnership between the Institute and the organization to provide internship opportunities and project-based learning experiences for students.

The Institute entered into a Memorandum of Understanding with Karunadu Technologies, represented by Mr. Mahesh Denginal, on 9th July 2025, for a period of 5 years. The MoU focuses on enhancing the employability and career readiness of students by offering structured training programs, real-time projects and internship opportunities across various domains.

The Institute signed a Memorandum of Understanding with RET Global Consultants, represented by Mr. Ajeeth, on 23 July 2025, for a period of 5 years. The objective of this collaboration is to support students in pursuing advanced academic programs at international universities through dedicated guidance, counseling and academic partnerships.

The Institute signed a Memorandum of Understanding with Inflow Technologies Global Certification, represented by Mr. Manish, on 16th July 2025. The objective of this collaboration is to establish a framework for providing students with training and placement opportunities.

The Institute signed a Memorandum of Understanding (MoU) with KCDS, represented by Dr. Aakaash, on 30th July 2025 for a period of 3 years. The collaboration with KCDS specifically involves students and faculty from both the Dental and Engineering colleges. The joint projects under this MoU in the dental field will focus on research, innovation and the development of practical solutions relevant to dental sciences and technologies. This partnership aims to foster interdisciplinary learning, support advancements in dental research and promote innovation that can address real-world challenges in dentistry.

IQAC Meeting

The Internal Quality Assurance Cell meeting was held on 26th July 2025 with the objective of reviewing ongoing quality enhancement initiatives and planning future strategies for academic and administrative improvement. The meeting began with the presentation of the Action Taken Report of the previous meeting, where members noted that several key recommendations had been successfully implemented. This was followed by discussions on student feedback analysis for the Even Semester 2024–25, the draft Annual Quality Assurance Report (AQAR), and upcoming Faculty Development Programs. The committee also reviewed the status of MoUs, findings from recent academic and administrative audits, and ongoing IQAC initiatives and best practices. Updates on accreditation and ranking processes were shared, along with recent activities of the Institution's Innovation Council (IIC). Additional matters related to academic planning and infrastructure were also addressed, and action points for the next cycle were finalized.

Department of Artificial Intelligence & Machine Learning

Conference Proceedings

Priyanshu Tiwari, Himanshu Tiwari, S. Ambareesh, Akshat Sharma, "Prediction of Traveling Ka Band Wave Tube Amplifier Characteristics Using FNN," in 2025 International Conference on Knowledge Engineering and Communication Systems (ICKECS), IEEE Xplore, June 2025, pp 1-6, doi: 10.1109/ ICKECS65700.2025.11034912.

Faculty Achievements & Recognitions

Dr. Soumya Patil successfully completed the online non-credit project "Overview of Data Visualization," authorized by the Coursera Project Network and offered through Coursera, on 3rd July 2025.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Soumya Patil	5-Day Faculty Development Program on "Federated Learning for Secure and Privacy – Preserving Artificial Intelligence"	M. S. Ramaiah Institute of Technology, Bengaluru	28-07-2025 to 01-08-2025
Ms. Ashwini M. Gorte	5-Day Faculty Development Program on "Generative AI: from Fundamentals to Applications"	Cambridge Institute of Technology in association with VTU Belagavi & NMIT, Bengaluru	21-07-2025 to 25-07-2025

Other News

Dr. S. Ambareesh received a reviewer certificate from Springer Nature in July 2025 for reviewing one manuscript for each of the following journals: Telecommunication Systems, Cloud Computing, and Signal, Image and Video Processing.

- Pritesh Ram Keshri of S7 was honored with the Excellence Award at METATAARAKA AI Innovations Pvt. Ltd. for his outstanding contributions as an AI & Python Developer Intern.
- Priyanshu Tiwari from S7 presented a research paper titled "Bank Statement Analysis AI-Driven Financial Wellness: Unifying Multi-Source Data for Adaptive Spending and Savings Strategies" at the Asia's Largest conference, 2025 16th International Conference on Computing, Communication and Networking Technologies (ICCCNT) at IIT Indore. The research was carried out in collaboration with the Mifos Initiative, a leading open-source organization in the field of digital financial services.

Department of Biotechnology

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Rashmi K.V.	Webinar on "DNA Barcoding-Based Identification of Fungal Species"	Barcode Biotechnology, Bengaluru Virtual Mode	12-07-2025
Dr. Halima R.	10-day "Idea to Patent" course	Turnip Innovations, Kolkata Virtual mode	12-07-2025 to 21-07-2025

Students' Achievements

- Malarvizhi J. of S4 participated in a quiz competition and secured second place in the essay writing competition held on World Environment Day, 5th June 2025.
- Sanjitha S., Sathyanarayana Satwik Sriadibhatala, Sushma Ranjini M. S. and Vaishnavi V., the students of 2021 batch received their B.E. Honors in the recent VTU convocation.

New Appointment

Dr. Rajnish Kumar Singh joined the department as Assistant Professor on 7th April 2025. He holds a Ph.D. in Chemical Engineering from IIT Roorkee and completed his postdoctoral research at the Department of Hydro and Renewable Energy, IIT Roorkee. He has 7 months of teaching experience, 2 years of research experience and prior industry experience as a project manager. Dr. Singh has published 6 research articles in reputed journals such as Bioresource Technology and Journal of Environmental Management, with a cumulative citation count of 569 and a h-index of 6. His research interests include biomass pyrolysis, gasification, catalytic processes, waste-to-energy technologies and water treatment.

Other News

Dr. Halima R. served as a reviewer for the 3rd IEEE International Conference on NIMTCON, scheduled to be held on 1st and 2nd August 2025, in association with the IEEE Bengaluru Section.

Department of Civil Engineering

Faculty Achievements & Recognitions

- Ms. Bhavya S. successfully completed a LaTeX online test organized at ACS College of Engineering on 25th July 2025. This training was offered by EduPyramids, SINE, IIT Bombay.
- Ms. Bhavya S. successfully completed the VTU Comprehensive Viva-Voce Examination for her research titled "A Study on Machine Learning and Statistical Models for Climate Change Prediction in Urban Areas" on 24th June 2025 at the Research Centre, Sri Venkateshwara College of Engineering, Bengaluru.

- Dr. Ravi Kumar H. attended the Board of Examiners (BOE) work in connection with the M.Tech. examination under the Autonomous Scheme at Nitte Meenakshi Institute of Technology, Bengaluru on 18th July 2025.

Department of Computer Science and Engineering

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. T. N. Anitha Ms. N. Umamaheshwari Ms. Dhivya V.	6-Day Faculty Development Program on "Big Data Analytics and Parallel Computing Tools, Techniques and Real Time Implementation."	East Point College of Engineering and Technology, Bengaluru Virtual Mode	01-07-2025 to 07-07- 2025
Dr. A. Prakash	6-Day Faculty Development Program on "Emerging Research and Innovations in AI Applications in Mathematics, Bio-Sciences and Management"	NIET, NIMS University, Jaipur Virtual Mode	26-06-2025 to 02-07-2025

Department of Electrical & Electronics Engineering

Patents Published

- **R. Sivapriyan**, Pratik Mitra, Soumea Paul, Shweta Sinha, Moumita Ghosh, Anindita Panda, Aditya Kumar Pathak, Anurima Majumdar and Debyoti Adhikari. "A Real-Time Machine Learning-Based Adaptive System For Enhanced Virtual And Augmented Reality Experiences." Application number 202541025361, 03 March 2025, Indian.
- Mahesh K., P. Sumalatha, Suresh H. L. and R. Sivapriyan. "Acoustic Fire Extinguisher." Application number 202341072516, 02 May 2025, Indian.
- Mahesh K., Bindiya Tyagi, Suresh H. L. and R. Sivapriyan. "Regenerative Braking System" Application number 202341071676, 25 April 2025, Indian.
- Mahesh K., Suresh H. L. and R. Sivapriyan. "Aquarium Monitoring and Reclamation of Water for Plating" Application number 202341071678, 02 May 2025, Indian.

Conference Presentations

- G. Roopa, Suresh H.L., An Adaptive-Tolerant and Control Strategy Techniques for the Power Electronics Traction Transformer PETT, 10th International Conference on ICT for Sustainable Development, Goa, India, 17th to 19th July 2025.

Faculty Achievements & Recognitions

- Dr. Suresh H. L. has been appointed as a board member for studies (BoS) for Electrical & Electronics Engineering in VTU.

Department of Electronics & Communication Engineering

Patents Published

- **Sheetal Belaldavar**, P. Nagarathna, Kavita Avinash Patil and Vani B. P. "Smart Reader for the Visually Impaired using Raspberry Pi." Application number 202541064405, 11 July 2025, Indian.

Faculty Achievements & Recognitions

- Dr. Mangala Gowri S. G. served as the Session Chair for IEEE CONECCT-2025, organized by the IEEE Bangalore Section, held from 10th to 13th July 2025. She also reviewed a manuscript for IEEE CONECCT-2025, organized by the IEEE Bangalore Section, held during the same period. She was invited as a resource person for a 5-Day Faculty Development Program on "AI-Powered Robotics in Industrial Automation Applications for Future Research," organized by the IEEE RAS Bangalore Chapter in collaboration with the IEEE BGSCET Student Branch Chapter, held on 29th July 2025.
- Dr. Jagadeesh H. S. was the Session Chair for the International Conference on "Harnessing AI, Quantum Computing and Autonomous Systems for a Sustainable Future," organized by East Point College of Engineering and Technology, Bengaluru, on 26th July 2025.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Poongothai C. Dr. Sasmita Mohapatra	1-Week Workshop on "Wireless Power Transfer: Concepts to Applications"	Ramaiah Institute of Technology, Bengaluru	30-06-2025 to 04-07-2025
Ms. Santhoshini S.	Webinar on "Choosing the Right Journal: Maximizing Reach & Impact"	Taylor and Francis Group Virtual Mode	10 -07- 2025
Ms. Geetha V.	5-Day Faculty Development Program on "Power of LabVIEW in Classroom".	DigiToad Technologies Pvt. Ltd. Virtual Mode	14-07-2025 to 18-07- 2025
Dr. Poongothai C.	1-Day International Symposium on "Radio Frequency Circuits and Systems".	Ramaiah Institute of Technology, Bengaluru	25-07- 2025
Dr. Mangala Gowri S. G.	5-Day Faculty Development Program on "Adaptability of RISC-V in Academic Research and Labs"	BMS College of Engineering, Bengaluru	28-07-2025 to 01-08-2025
	Conference Organizers Education Workshop	IEEE India Council and Jesselton University College	5 Jul 2025
Ms. Rajeshwari K.N.	1-Week Faculty Development Program on "Product Design Engineering using Autodesk Fusion"	Chaitanya Bharathi Institute of Technology, Hyderabad Virtual Mode	28-07-2025 to 02-08-2025

New Appointments

Dr. Jagadeesh H. S. joined as Professor in the Department on 7th July 2025. He has 6 years of research experience and 24 years of teaching experience. He has published 2 International Journal papers and 11 International Conference papers. He has published 2 patents. His areas of interest are Signal & Image Processing, Computer Vision and Biometrics.

Dr. P. Senthilkumar joined as an Assistant Professor on 1st July 2025. He has 2 years and 9 months of Industry experience and 13 years of teaching experience. He has published 2 International Journal papers and 1 International conference paper. He has published 1 patent. His areas of interest are Industrial Automation, Embedded System, IOT and Machine Learning.

Other News

Dr. G. Shashibhushan reviewed a manuscript for 3rd International Conference on "Data Science and Network Security (ICDSNS-2025)", organised by Kalpataru Institute of Technology, Tiptur, held on 25th and 26th July 2025.

Department of Electronics & Telecommunication Engineering

Patents Published

Kavitha N. , C. Solaimuthu, **E. Kavitha**, Divyamani M. K., Kiran Kumar N., T. N. Sreenivasa, Saravanan R. and Shirabadagi Sarala Somanat. "IOT Based Controller For Electric Vehicle " Application number 453035-001, 03 July 2025, Indian.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Madhu Kumari Ray Ms. Irene Martina	Faculty Development Program on "AI Powered Robotics in Industrial Automation Applications For Future Research"	BGS College of Engineering and Technology, Bengaluru	26-07-2025 to 30-07-2025.
Mr. Faiz Mohammad Karobari	Faculty Development Program on "Wireless Power Transfer: Concepts to Applications"	Dept. of ECE, Ramaiah Institute of Technology, Bengaluru	30-06-2025 to 04-07-2025
Ms. Irene Martina	Faculty Development Program on "Power of Labview in Classroom"	DigiToad Technologies Pvt.Ltd., Bengaluru	14-07-2025 to 18-07-2025

Students' Achievements

Abhishek Kumar Jha of S5 participated as a debater in Agonia 4.0: The Renaissance 25, an international British Parliamentary Debate Tournament held virtually from 24th to 26th June 2025.

Department of Information Science & Engineering

Events Organized

5-Day Skill Development Program on "Advanced Data Structure Algorithms and Competitive Coding"

The department organized a 5-Day Skill Development Program on "Advanced Data Structure Algorithms and Competitive Coding" from 14th July to 18th July 2025. This program aimed to significantly enhance placement readiness by sharpening problem-solving skills, improving algorithmic thinking and providing exposure to coding challenges commonly asked in technical interviews. It equipped students with the confidence and competence required to excel in campus recruitment and placement processes. The resource persons for the program were Mr. Raushan Kumar Baitha and Mr. Suraj S. P. from Tripillar Solutions. A total of 120 students from S6 attended the program. The event was coordinated by Dr. G. C. Bhanu Prakash, Dr. S. N. Sheshappa, Mr. Byregowda B. K. and Mr. Vitesh Babu M.

Department of IOT & Cybersecurity Including Blockchain Technology

Conference Presentations

Savita Choudhary, Sai Aneesh Sai Praneeth, Denoising Medical images with Machine & Deep Learning, Second IEEE International Conference on New Frontiers in Communication, Automation, Management and Security, SoCSE & IS, Presidency University, Bengaluru, 11th and 12th July 2025.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Savita Choudhary	5-Day Faculty Development Program on "Federated Learning for Secure and Privacy-Preserving Artificial Intelligence"	Ramaiah Institute of Technology, Bengaluru	28-07-2025 to 01-08-2025

Students' Achievements

Mayur Agarwala of S5 participated in the World Wide CTF 2025, organized by World Wide Flags—a jeopardy-style hacking competition held from 26th to 28th July 2025.

Department of Mechanical Engineering

Faculty Achievements & Recognitions

- Dr. Yeshvantha H. S. successfully completed NPTEL Online Certification Course on "Career Development: Grow Your Communication" offered by IIT Bombay, held from 20th May to 24th July 2025.
- Dr. Yeshvantha H. S. participated in the NPTEL Stars - Technical Workshop held on 6th July 2025 at IIT Madras and was recognized as NPTEL - Believer & Enthusiast.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Mr. Chandrasekhar B.	Faculty Development Program on "Current Trends in Metal Additive Manufacturing"	IIT Dhanbad, Jharkhand Virtual Mode	07-07-2025 to 15-07-2025
Dr. Nataraja M.	Faculty Development Program on "Mentoring Faculty Entrepreneurs for Sustainable Innovation and Startup Culture"	NCET Chikkaballapur	14-07-2025 to 19-07-2025
Dr. Manjunatha Swamy K. M.	Faculty Development Program on "Strategies for Sustainable Energy and Climate Resilience"	MSRIT Bengaluru	21-07-2025 to 23-07-2025
Dr. Prashant S. H.	Faculty Development Program on "AI Tools and Chat GPT"	Be10X Virtual mode	27-07-2025

Video Gallery

Skill Development Program

Mock Interview Competition

Tejas Pitch

Data Driven Insights with Django

Build a CRUD Web App

Professional Development Activity

Department of Computer Applications

Faculty Achievements & Recognitions

- Dr. Ch.Vanipriya served as resource person for the technical talk on "Advanced Data Structures and Industry Applications" on 28.7.2025, held by the department of CSE at PG Centre, Muddenahalli.
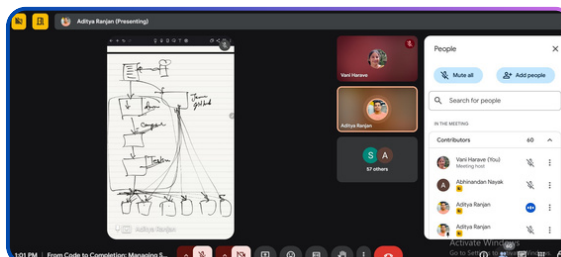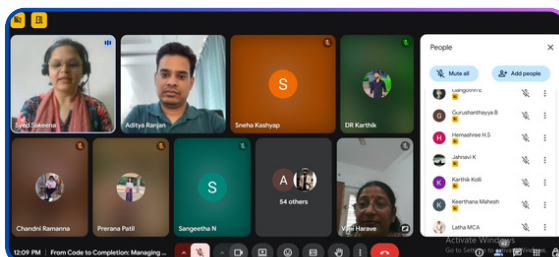

Events Organized

1-Day SDP on "Data Driven Insights with Django on Descriptive Analysis"

The department organised a 1-Day Student Development Program titled "Data Driven Insights with Django on Descriptive Analysis" on 12th July 2025 for S2 students. The resource person for this program was Mr. Abhilash K. R., Senior Software Engineer at Pearson. This program aimed to introduce participants to data-driven insights and their significance, demonstrate how Django can be integrated for performing descriptive analytics and provide hands-on experience in analysing datasets using Django. The students learned to design the webpage using Django and descriptive data analysis for the dataset. A total of 66 students participated in the event. This event was coordinated by Ms. R. Latha, Associate Professor and Ms. Sneha K. Maddin, Assistant Professor.

1-Day SDP on "From Code to Completion: Managing Software Projects Right"

The department organized a 1-Day Student Development Program titled "From Code to Completion: Managing Software Projects Right" on 19th July 2025. The resource person of the event was Mr. Aditya Ranjan, Technical Manager at BlackNGreen, Gurgaon. This program was aimed at giving a complete roadmap for managing software projects in industry right from starting to end. This program gave participants an understanding of how software projects are planned, executed, and delivered in real-world scenarios. It also provided awareness of modern tools and frameworks used in managing complex software systems. 60 students from S2 participated in the event in virtual mode. This event was coordinated by Ms. Vani Harave and Ms. Sneha Bharti, Assistant Professors in the department.

1-Day SDP on"Build a CRUD Web App with Spring MVC"

The department organized a 1-Day Student Development Program titled "Build a CRUD Web App with Spring MVC" on 26th July 2025. The resource persons of the event were Ms. Pooja Sri R., Associate Application Engineer and Ms. K. K. Sukanya, Application Engineer, from Ramaiah Skill Academy. This program was aimed at bridging the gap between curriculum and industry expectations. This program gave participants an understanding of MVC architecture and hands-on experience in building a Student Management System Web Application using Spring Tool Suite. It also provided exposure to H2 Database and integration of necessary dependencies and IDE tools. 57 students from S4 participated in the event. This event was coordinated by Mr. Vasantha S., Mr. Raghavendra Rao B. G. and Yashaswini B. S.

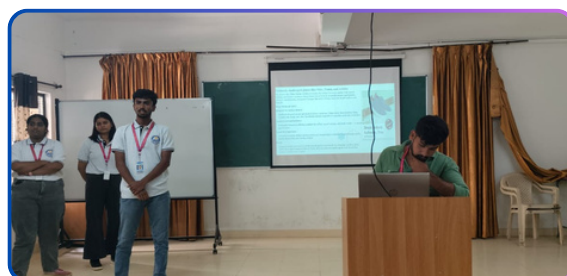| Name of the attendee	Title of the event	Organizers details	Dates
Mr. Raghavendra Rao B. G. Ms. Sneha Bharti Ms. Vani Harave Mr. Vasantha S.	1-Week Faculty Development Program on "Recent Advancements in Artificial Intelligence(AI) & ML"	Department of ECE, St. Joseph's College of Engineering in association with STEP - National Institute of Technology, Surathkal and Pantech e-Learning Virtual Mode	30-06-2025 to 04-07-2025
Ms. R. Latha Mr. Vasantha S.	6-Day Faculty Development Program on "Prompt Engineering and ChatGPT Utilization"	Dept. of Information Technology, KKR and KSR Institute of Technology and Science, in association with Techno Future India Virtual Mode	14-07-2025 to 19-07-2025
Ms. Roopa A.	6-Day Faculty Development Program on "Parallel Computing and Big Data Analytics"	East point College of Engineering and Technology, Bengaluru Virtual Mode	30-06-2025 to 05-07-2025

Other News

Dr. Ch.Vanipriya reviewed 5 manuscripts for 2025 International Conference on Applied Artificial Intelligence and Innovation (AAIIC 2025) held on 11–12 July 2025 at Shoolini University, Solan, Himachal Pradesh.

Department of Management Studies

Events Organized

Tejas Pitch Presentation Competition

The department organized the "Tejas Pitch Presentation Competition" on 16th and 18th July 2025. The event aimed to enhance students' presentation skills, with topics on new and emerging trends assigned for presentation. A total of 79 students from S2 participated. The competition was evaluated by Ms. Ashwini, Ms. Srilakshmi, Ms. Sheethal and Ms. Priya Choudhary, who served as the judges. The event concluded with a prize distribution ceremony, where the top 3 performers were awarded and appreciated for their outstanding contributions. The competition was coordinated by Ms. Swarnalatha and Ms. Bhavyashree, Assistant Professors.

Mock Interview: The Interview League Competition

The department organized a pre-placement activity-Mock Interview: The Interview League Competition, on 23rd July 2025. The event was designed to provide students with practical exposure to real-time interview scenarios and to help them understand various interview techniques from both the interviewer's and interviewee's perspectives. A total of 78 students from S2 participated as interviewees, while students from S4 took on the role of interviewers, creating a simulated professional environment that closely mirrored actual interview settings. Ms. Swarnalatha served as the judge for the event, offering valuable feedback and assessing the performances of both interviewers and interviewees. The event concluded with a prize distribution ceremony, where the top 3 performers in both the interviewer and interviewee categories were awarded. The event was coordinated by Ms. Sheethal C., Assistant Professor.

Journal Publications

- Vidhyashree M., Ashwini A., Bhavyashree N., Srilkashmi V. R., Priyanka Sharma, "Multifactor Model for Assessing the Performance of Mutual Funds" International Journal of Environmental Sciences ISSN: 2229-7359, Vol.11 No. 8s, 202, doi.org/10.64252/t59cpk29.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Ashwini A. Ms. Swarnalatha M. Ms. Bhavyashree N.	7-Day Faculty Development Program on "Innovative Pedagogies and Digital Integration in Commerce Education: Preparing Future-Ready Graduates."	Kongu Arts and Science College Virtual mode	21-07-2025 to 25-07-2025 & 28-07-2025 to 29-07-2025
Ms. Sheethal C. Ms. Swarnalatha M.	5-Day Faculty Development Program on "From Data to Insights: Applied Statistical Techniques for Research"	RV University, Bengaluru	28-07-2025 to 01-08-2025

Department of Chemistry

Journal Publications

Swamy, M. Mahadeva, Srilatha Rao, B. Prashanth, Shilpa Patil, **G. K. Prashanth**, Mouhamadou Sali, A. S. Sowmyashree, H. S. Lalithamba, Pradeepa S. M., Hemantkumar N. Akolkar, "Optimizing Parthenium Waste: Biomass-derived Carbon Adsorbents for Adsorbing Amido Black 10B Dye Analyzed through Graph Theory for Stability and Reactivity. " Biomass Conversion and Biorefinery:1-17, 2025. doi: /10.1007/s13399-025-06786-0.

Patents Published

Srilatha Rao, **Prashanth G. K.,** Giresha A. S., H. S. Lalithamba, Bhagya N. P., Arathi A., Yashodha S. R., and Yogananda H. S. "Green Synthesis of Magnesium Zinc Ferrite Nanoparticles Using Annona squamosa for Biomedical, Cosmetic and Electrochemical Applications." Application No. 202541048116, 6 June 2025, Indian.

Other News

Dr. G. K. Prashanth reviewed five scholarly works, including two manuscripts for the Journal of Sol-Gel Science and Technology (Springer), and one each for Discover Chemistry (Springer Nature), Bioprocess and Biosystems Engineering (Springer) and Journal of Molecular Liquids (Elsevier).

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. G. K. Prashanth Dr. G. M. Krishnaiah Mr. H. M. Sathyananda	State Level One day Workshop on "Upgradation and Revision of Applied Chemistry Syllabus"	Maharaja Institute of Technology, Mysuru	12-07-2025

Department of Mathematics

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Chaya T. Y.	5-Day Faculty Development Program on "Mathematical Foundations of Artificial Intelligence and Machine Learning"	Department of Mathematics, Reva University, Bengaluru	28-07-2025 to 01-08-2025

Department of Physics

Journal Publications

R. Rajaramakrishna, M. Gerasimova, E. Slyusareva, G. Vasiliev, **J. Abhiram**, R. Suresh, N. G. Pramod, N. Nikonorov, E. Aleksandrova, J. Kaewkhao, "Eu^{3+} Activated Gadolinium Germanate Oxide Glasses for Reddish Orange Solid-State Photonic and Scintillating Device Applications," Ceram. Int., vol. 51, no. 19, pp. 28267–28279, 2025. doi: 10.1016/j.ceramint.2025.04.039.

Technical Events Attended

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Shivananda C. S.	I-STEM SAMAVESHA 13	IIT- Dharwad	22-07-2025
	Quantum India-2025 Summit	Karnataka Science and Technology Promotion Society (KSTePS), in association with Indian Institute of Science (IISc) Quantum Technology Initiative (IQTI), Bengaluru	31-07-2025 to 01-08 -2025

Other News

- Dr. Shivananda C. S. reviewed a manuscript for the New Journal of Chemistry, published by the Royal Society of Chemistry.
- Dr. Abhiram J. reviewed a manuscript for the Journal of Materials Science, published by Springer.

Interdepartmental News

Journal Publications

Chemistry & BT	• Deepti S., A. Bhavana, A. Inchana, **K. V. Rashmi**, H. S. Lalithamba, S. M. Vidya, B. K. Manjunatha, Srilatha Rao,**G. K. Prashanth**, "Eco-Friendly Fabrication Of Zirconium-And Neodymium-Doped Nio Nanoparticles using Zephyranthes Citrina Bulb Extract: Structural, Optical, Biomedical, and Agronomic Assessments," Journal of the Australian Ceramic Society : 1-18. doi: 10.1007/s41779-025-01225-9.

Patents Published

Chemistry & CV	• **Pradeepa S., Prashanth G. K.,** H. S. Lalithamba, Srilatha Rao. "Performance of Concrete Blocks with Optimized Al-Zr Doped ZnO Nanoparticles: Strength Characteristics and Durability Evaluation." Application Number 202541057387, 27 June 2025, Indian.
Chemistry & ME	• Madhu Kumar K., Prashanth G. K. "Green Synthesized Co3O4-NiO-Al2O3 Ternary Oxide Coatings on AlMgSi-YSZ Metal Matrix Composites for Enhanced Corrosion Resistance in Marine Structural and Shipbuilding Applications." Application Number 202541059828, 27 June 2025, Indian.
ISE & CSE	• Sreedhar Kumar S., Sheshappa S. N., G. C. Bhanu Prakash, Sreenivasa B. C. "Real Time Multiple Patterns Matching Automation System to Operate Various Lamps with Machine Learning." Application Number 202541068964, 25 July 2025, US.

Placement News

Sl. No	Name of the Students	Branch	Company	Package
1	Dilip Raju	MBA	Wayeva Innovations Pvt. Ltd.	4,00,000/- to 5,00,000/-
2	Aishri Gowda			
3	Kruthi Mohan			
4	Sai Harshitha Reddy			
5	Meghana Patel			
6	Sandeep M. U.			
7	Inchara Lokesh			
8	Akshatha			
9	Jayadeepa			
10	Meghana			
11	Bhavana Gowda			
12	Arun Ravi			
13	Channakeshava S.			
14	Darshana Kumar			
15	Hemalatha			
16	Deekshitha Gowda			
17	Mehul Chandak	CSE	5,00,000/-	Consilio Consulting Services
18	Sudeep Jadhav			
19	Ayush kumar	ISE		
20	Netra Pandurang Chavan			
21	Shreyas G. S.			
22	Ashish Singh			
23	Zeba Thasnim			

Alumni News

Alumni Visits

Ms. Pavithra N., of the 2020–2024 batch (Civil), currently working as a Layout Designer in AJV Group, Bengaluru, visited the campus on 9th July 2025.

Mr. Aditya Ranjan, of the 2010–2013 batch (MCA), working as Technical Manager in BlackNGreen, Gurgaon, visited the campus on 9th July 2025.

Ms. Radhika S. Kadagathur, working as Associate Project Execution at JPMorgan Chase & Co., Houston, Texas, United States; Ms. Shobha S., Global IT Lead Auditor at Avnet India, both of the 2004–2008 batch (TE); and Ms. Rohini Srinivas, of the 2004–2008 batch (CSE), working as Senior Partner Sales Manager at Adobe, visited the campus in July 2025.

Mr. Lakshman Lakshminarayana, Founder and CXO of Zero Distance Solutions and Mr. Swaroop Prabhakaran, working as Enterprise Sr. Account Manager at Amazon Web Services (AWS), Atlanta, Georgia, USA, both of the 1996–2000 batch (ECE), visited the campus on 23rd July 2025.

Mr Ravi Bhagavatula ,of the 1989-1993 batch (CSE),working as Senior Platform Architect – Insperity Inc, Houston, Texas,USA, visited the campus on 25th July 2025 along with his family and interacted with Principal and faculty .

Mr Rohan Sachdev, of the 1999-2003 batch (CSE), working as Technical Account Manager in Live Person, Greater London, England, UK, visited our campus on 29th July 2025.

Mr. Parshwa Jyothi Handique, Director of Jaivakristi Agro Producer Company Ltd., of the 2002–2006 batch (ME), visited the campus on 31st July 2025.

Alumni Achievements

Sakshathkara, Kannada film by Mr Adarsh Eshwarappa of the 2003-2006 batch (ME), was selected in the Kannada Competition Section for Bengaluru International Film Festival and the Kannada Short film.
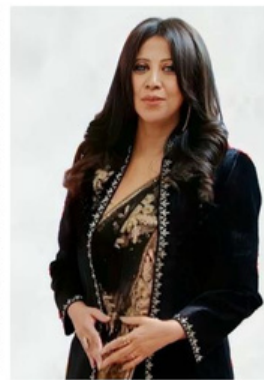
The honour of meeting the Hon'ble #Governor of #Telangana, H.E Shri Jishnu Dev Varma-a statesman whose wisdom and vision continue to inspire generations! It's always been a privilege to meet our Honourable Governor, today being significant:this time in my capacity as the #RegionalMentorOfChange: #AtalInnovationMission, #NITIAayog, appointed for the state of #Telangana.
It marks a seminal chapter in my journey—anchored in a collective vision to catalyse transformative change across sectors and communities.
It was a highly inspiring conversation, centred around a powerful triad:

"Empathy that listens, access that empowers, and action that transforms."

Rumana Becomes Regional Mentor

Dr. Rumana Sinha Sehgal, Founder & CEO of Serendipity, Appointed as Regional Mentor of Change, Atal Innovation Mission; NITI Aayog, Govt. of India

In a landmark recognition of her longstanding contributions to technology, engineering innovation and entrepreneurship ecosystems for over 25 years, Dr. Rumana Sinha Sehgal, Founder & CEO of Serendipity, has been appointed as the "Regional Mentor of Change" (RMoC) under the prestigious Atal Innovation Mission (AIM), NITI Aayog, Government of India, for the state of Telangana.

Following rigorous rounds of national interviews, evaluations, and peer reviews, only 43 distinguished individuals have been selected for different States from across India in 2025, bringing the total cadre of RMoCs in the country to 125. It is also a hallmark moment as she is the first Woman to appointed as RMoC under the aegis of Atal Innovation Mission, Niti Aayog "for Telangana. This highly competitive selection reflects the critical role played by these mentors in shaping the future of innovation-led education and enterprise in India. AIM, the Government of India's flagship initiative to foster innovation and entrepreneurship, has built India's largest mentoring network—Mentor India—comprising professionals and industry leaders (6200+) who guide and mentor students across 10,000 Atal Tinkering Labs (ATLs). Dr. Rumana Sinha Sehgal's appointment as RMoC marks the beginning of Year 4 of her engagement with AIM, reinforcing her steadfast commitment to nurturing innovation, entrepreneurship, enabling inclusive participation, and actively contributing to nation-building. Her appointment further amplifies the scope and depth of her work in catalysing innovation and impact, especially among youth and women innovators. Dr. Rumana Sinha Sehgal highlighted a shared aspiration for inclusive progress and resonated on a powerful triad that she believes in: "Empathy that listens, access that empowers, and action that transforms. These, as Dr. Rumana Sinha Sehgal described, are not merely principles—but national imperatives to usher in a culture of ethical leadership, technological empowerment, and social equity." She expressed her heartfelt gratitude to Atal Innovation Mission, Niti Aayog for the" continued trust and support, and reaffirmed her resolve to contribute to AIM's transformative vision. Dr. Rumana Sinha Sehgal looks forward to deeper engagement with the vibrant ATL student community, fellow RMoCs, the mentors from around the country and the growing nationwide network of dedicated mentors, united in the mission of driving innovation with integrity and inclusiveness. She also extended her congratulations to all selected Regional Mentors of Change from the other States of India, stating that together, their collective efforts will serve as the bedrock of a forward-looking, innovation-driven India.

METRO INDIA

Dr. Rumana Sinha Sehgal appointed Regional Mentor RMoC

METRO INDIA NEWS | HYDERABAD

Dr. Rumana Sinha Sehgal, Founder and CEO of Serendipity, appointed as Regional Mentor for Telangana under the Atal Innovation Mission (AIM), NITI Aayog, Government of India.

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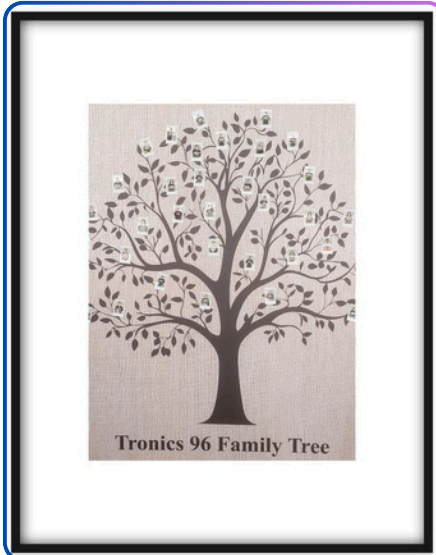
Dr. Ruman Sinha Sehgal, of the 1995-1999 batch (IEM), Founder & CEO of Serendipity, has been appointed as the Regional Mentor of Change (RMoC) for Telangana under the Atal Innovation Mission (AIM), NITI Aayog, Government of India. As a participant in the Microsoft AI SkillFest 2025, she contributed to setting a world record for the most users to take an online multi-level Artificial Intelligence lesson in 24 hours, making her an official Guinness World Records™ title holder.

Mr. Ashish Achha, of the 2012–2016 batch (Civil), was awarded at the Earth Restoration Collective Conclave by Huliot India and ET NOW, on the occasion of World Environment Day, in recognition of his outstanding work in sustainability.

Ms. Madhu Meenakshi Karthikeyan, of the 2002–2006 batch (EEE) and Managing Director of Data Corp Traffic Limited, was recognized as Women MD of the Year at the Business Innovation Awards 2025, instituted by Feather Touch Business Solutions, HRBP Summit & Awards.

Tronics 96 Family Tree

The 1996–2000 batch of ECE graduates visited their alma mater to celebrate their silver jubilee reunion. The celebration began with registration and warm greetings among batchmates. Thirty-five alumni attended in person, while the rest joined virtually from different parts of the world. The event was joined by faculty members and staff who had taught them. The reunion was graced by the presence of Sri K. V. Sekhar Raju, Honourable Trustee, Sri KET and Academic Committee Chairman; Prof. Rakesh S. G., Principal, Sir MVIT; and Dr. Bharathi Ganesh, Vice Principal, Sir MVIT. The alumni team felicitated all the distinguished invitees. The celebrations concluded with visits to the Vidya Ganapati temple and the hostels.

Mr. Suresh P.
1989-1993 (ME)
Vice -President and Business Head
Hydraulics and Axle Shafts
Wheels India Limited, Bengaluru

My years from 1989 to 1993 at Sir M. Visvesvaraya Institute of Technology in Bengaluru were a truly foundational and unique experience. As a mechanical engineering student, I was part of a nascent campus spread across a sprawling 135 acres, still finding its rhythm and character. It was a time when the very fabric of our academic life was woven into the simplicity of our surroundings – our classrooms, remarkably, were often under thatched roofs, offering a rustic charm that belied the cutting-edge concepts we were grappling with.

What truly defined the Sir MVIT experience during those formative years was the remarkably close-knit association we shared with our lecturers and professors. Far from the distant figures often found in larger institutions, they were mentors, guides, and often, friends. This intimate environment, fostered by the warm gestures of both the teaching and non-teaching staff, created an incredibly pleasant and supportive atmosphere that made learning not just bearable, but genuinely enjoyable.

Beyond the lectures and labs, the campus offered vibrant avenues for recreation and camaraderie. The sports complex and the massive cricket ground were undoubtedly our favorite haunts. These weren't just spaces for physical activity, but crucibles of friendship, competition, and countless memorable moments that punctuated our rigorous academic schedule.

Looking back, those four years at Sir MVIT weren't just about earning a mechanical engineering degree; they were about growing up in an environment that blended academic rigor with a unique sense of community. The spirit of a developing institution, the warmth of its people, and the simple beauty of its nascent campus left an indelible mark, shaping not just our professional paths but also our understanding of collaboration, mentorship, and the joy of shared experiences.

Ms. Shruthi A.
2009–2013 (ISE)
Principal Software Engineer
Fiery LLC, Bengaluru

From Fearful Freshman to Confident Engineer: My Journey at Sir MVIT

Stepping into Sir MVIT's vast, green campus for the first time in 2009, I was a nervous 17-year-old from a tier-two town, unsure of what lay ahead in the bustling city of Bengaluru. Little did I know, over the next four years, this institution would become a second home—transforming me not just academically, but personally and professionally.
Sir MVIT played a foundational role in shaping who I am today. The institution helped me build strong technical and conceptual fundamentals, which became the bedrock of my career in the software industry.. Surrounded by friends who've now become family for life, and mentors who guided me every step of the way, I grew into a confident graduate ready to face the challenges of the tech world.

Beyond academics, I was fortunate to be part of the organizing committee for our departmental fest, 4th Dimension, which gave me a chance to develop leadership and team collaboration skills. A standout memory from my third year was participating in Shaastra, the prestigious tech fest at IIT Madras. Encouraged by the supportive faculty at Sir MVIT, I had my first brush with a national-level event, and the exposure I gained there truly expanded my understanding of the engineering landscape beyond the classroom.

I owe a heartfelt thanks to S.H. Khan Sir, whose efforts opened doors for us through campus placements with top-tier companies. I truly appreciate the unwavering support of our beloved HOD, Prof. Dilip K. Sen Sir, throughout my years at Sir MVIT and even after graduation. A heartfelt thank you to Dr. Vanipriya C.H. Ma'am and Dr. Sheshappa S.N. Sir—your support and guidance, both during my college years and beyond, have been truly priceless.

Special mention to Mr. K.V.R. Prasad Sir, who was a great support to me in my first year as my Civil Engineering professor and continues to keep us alumni closely connected as part of the Sir MVIT family.

Today, the world is racing ahead with Artificial Intelligence and Machine Learning. But under the mentorship of Dr. Vanipriya C.H. Ma'am, I had the opportunity to work on a sentiment analysis project as part of my final year—nearly a decade ago. Thanks to her vision and encouragement, we were introduced to these cutting-edge technologies far earlier than most, allowing us to stay ahead of the curve and better prepared for the evolving tech landscape.

Even after graduation, being an alumnus of Sir MVIT continued to open doors—mentioning the institution's name gave me credibility and confidence to land interviews with several reputed companies during my off-campus job hunt. That reputation, coupled with the skills and values I gained here, played a significant role in shaping my career.

The lessons I learned during my years at Sir MVIT have stayed with me throughout my journey shaping not just my career, but my outlook on life—may it continue to inspire and empower generations of engineers to come.

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Sri Krishnadevaraya Educational Trust

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