



Volume 02, Issue 09, July 2024

VARTHAMANAJARI

e-NEWSLETTER



TEAM M.A.R.S

Sri Krishnadevaraya Educational Trust
Sir M. Visvesvaraya Institute of Technology
(Affiliated to VTU-Belagavi, Recognized by AICTE and Accredited by NAAC)

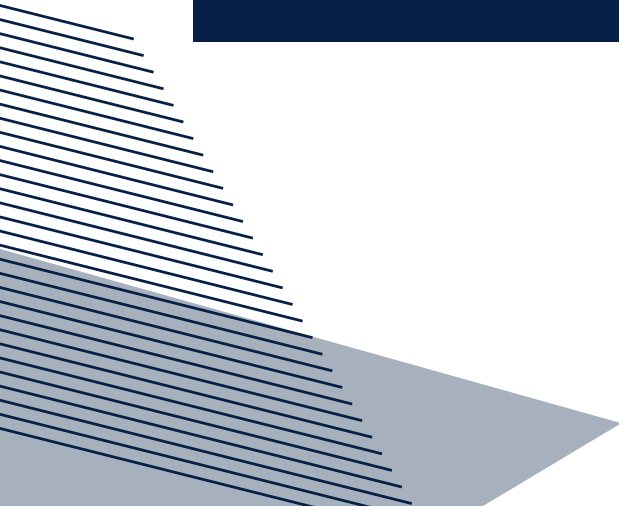





>>> VISION <<<

- To be a Centre of Excellence in technical and management education concurrently focusing on disciplined and integrated development of personality through quality education, sports, cultural and co-curricular activities.
- To promote transformation of students into better human beings, responsible citizens and competent professionals to serve as a valuable resource for industry, work environment and society.

>>> MISSION <<<

- To impart quality technical education, provide state-of-art facilities, achieve high quality in teaching-learning & research and encourage extra & co-curricular activities.
 - To stimulate in students a spirit of inquiry and desire to gain knowledge and skills to meet the changing needs that can enrich their lives.
 - To provide opportunity and resources for developing skills for employability and entrepreneurship, nurturing leadership qualities, imbibing professional ethics and societal commitment.
 - To create an ambiance and nurture conducive environment for dedicated and quality staff to upgrade their knowledge & skills and disseminate the same to students on a sustainable long term basis.
 - To facilitate effective interaction with the industries, alumni and research institutions.
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Gold Medal

MANMOHAN SINGH

1MV20ET015

Electronics & Telecommunication



MOHITH N

1MV20EE044

Electrical & Electronics Engineering



V PRIYANKA

1MV20IS062

Information Science & Engineering



VIBHA B R

1MV20ET032

Electronics & Telecommunication



AMRITA DE

1MV20BT008

Biotechnology



HARSHITHA R

1MV20ET013

Electronics & Telecommunication



HARSHITHA K

1MV20BT014

Biotechnology



NIKITA BANTHIA

1MV20ET017

Electronics & Telecommunication



KARTIK NANDAGAON

1MV20EC060

Electronics & Communication Engineering



SHRAVANI S

1MV20ET027

Electronics & Telecommunication



VENKATA SUSHEEL VARMA

1MV20EE076

Electrical & Electronics Engineering



MANJUNATHA G U

(1MV21CV414) Civil Engineering

Gold Medal instituted by Er. S. M. Panchagatti

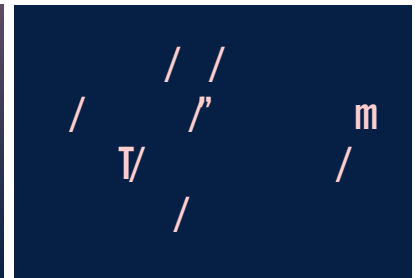
INSTITUTION'S INNOVATION COUNCIL (IIC) ACTIVITIES

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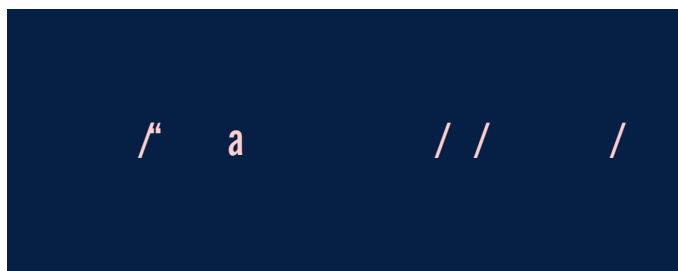


The Departments of ISE, AIML, and CSE (IoT Cyber Security Including Blockchain Technology), in association with the Institutions' Innovation Council, organized a 1-Day session on "Angel Investment / VC Funding Opportunity for Early Stage Entrepreneurs" on 24th July 2024.

The resource person for the event was Ms. Pallavi Biradar, Entrepreneur and Founder of Evolution of Blackboard, an education forum in Bengaluru. This program aimed to introduce students to angel investing as a primary source of funding for entrepreneurs, which can be more appealing than other forms of financing like bank loans. The session also covered venture capital (VC) funding, where pooled money from investors finances early-stage startup companies. Key discussion points included the business acumen and expertise VCs bring, networking opportunities, investor sector knowledge, business angels mentoring, and benefits like no repayments or interest, access to funding, long-term support, reduced risk, and enhanced marketing and publicity. 100 students from S4, from all the three departments participated in the event. This event was coordinated by the faculty members Dr. Savita Choudhary, Ms. Suguna M. K. and Ms. Ashwini Gorte.

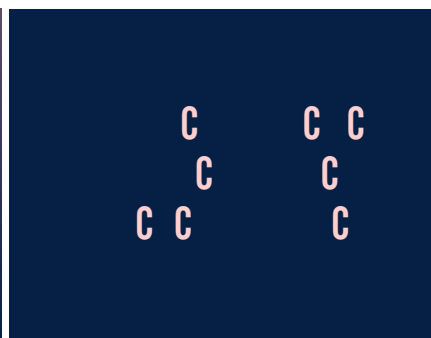


The department of Electronics & Communications Engineering, in association with the Institutions' Innovation Council, organized a workshop on "Navigating the Startup Ecosystem: Trends, Opportunities and Innovative Ideas" on 9th July 2024. The resource person for the event was Mr. Kotresh Mundrugi, Director of Indian Tech-Keys, Bengaluru. This program aimed to provide students, aspiring to be entrepreneurs and innovators with insights into current market trends, identify emerging opportunities within the startup landscape and explore innovative ideas shaping the future of business. Attendees gained valuable knowledge from the resource person, had the opportunity to network with like-minded individuals and learned practical strategies for navigating challenges in the startup ecosystem. The event inspired and equipped participants with the tools and connections necessary to successfully launch, grow and sustain their ventures. 51 students from S4 participated in the event. The workshop was coordinated by faculty members Dr. Poongothai C., Ms. Krishnapriya S. Sharma and Ms. Praveena N.



The department of Electronics and Telecommunications Engineering, under the aegis of Institution's Innovation Council, organized "Project Demo/Presentation of Startup" from 18th to 20th July 2024. 37 students from different departments participated. This event was coordinated by Ms. Akila P., Assistant Professor in the department. The jury members were Dr. Soumya Patil and Dr. E. Kavitha.

The department of Electronics and Telecommunications Engineering, under the aegis of Institution's Innovation Council, organized "Intra Institutional Startup Competition: Ideathon" from 11th to 13th July 2024. 6 students from different departments participated. This event was coordinated by Ms. Akila P., Assistant Professor. The jury members were Dr. E. Kavitha and Ms. S. Sowndeswari, Asst. Professor, Department of Electronics & Communication Engineering, Sambhram Institute of Technology.



An orientation session on "VTU Examination Process and Conduct of Internals" was organized for the newly joined faculty by Controller of Examinations, Mr. K. Ejaz Ahmed for the academic year 2023-24, on 12th July 2024. 24 newly joined faculty including Professors, Associate Professors and Assistant Professors of various departments attended this session.

>>> DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

STUDENTS' ACHIEVEMENTS

- Priyanshu Tiwari of S4 received an appreciation letter from Dr. Prabhu M.L.V., Professor and Head of the Department of Periodontology at Krishnadevaraya College of Dental Sciences and Hospital, for his research project titled "The CNN-Based Model for Detecting Bone Loss and Diagnosis." This project was presented at the International Digital Dentistry Congress (International Conference) and will be deployed at the college for further study. The project was carried under the mentorship of Dr. Ch. Vani Priya, Professor & Head, MCA, and Dr. Soumya Patil, Associate Professor & HoD, AIML.
- Priyanshu Tiwari of S4 secured an All India rank in the GirlScript Summer of Code (GSSoC 2024) for open-source development. GSSoC 2024 is an annual open-source program that aims to encourage developers to contribute to open-source projects. It provides a platform for students and professionals to work on real-world projects, enhance their coding skills and collaborate with experienced mentors.



- Abhinav Kumar of S4 contributed as the Team Manager for the team "MARS" from Sir MVIT. He played a key role in the cart design and chassis report and served as the main technician, responsible for assembling the engine, seat, electric wiring and more. Abhinav was also the driver of the cart, representing the Institute in the Indian Super Karting Series held in Ujjain, powered by Hindustan Motors. His team won seven trophies in different categories, along with the championship and best team awards.

>>> DEPARTMENT OF BIOTECHNOLOGY

JOURNAL PUBLICATIONS

Manjunathan, K., Menon, M., Bavle, R. M., Makarla, S., Venugopal, R., & Santo, A. J., “Evaluation of Antioxidant Activity in Saliva among Young Adults having Diverging Food Habits and its Relation to Oral Health: A Pilot Study”, Journal of Oral and Maxillofacial Pathology, 28(2), 226-231. 2024. DOI: 10.4103/jomfp.jomfp_83_24

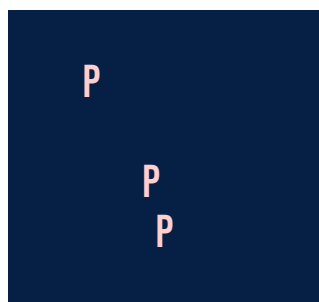
FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. H. G. Nagendra delivered an invited talk on “Biological Data Analysis” organized by the Department of Biotechnology at Bapuji Institute of Engineering and Technology (BIET), Davanagere, for the students of B.E. (Biotechnology) on 26th July 2024.
- Dr. Halima R. was selected as a member of the Scientific Committee for the 2nd IEEE International Conference on “Networks, Multimedia, and Information Technology (NMITCON),” held on 9th and 10th August 2024, by Nitte Meenakshi Institute of Technology, Bengaluru. She was also member of the Scientific Committee for the 2nd IEEE International Conference on “Data Science and Network Security (ICDSNS-2024),” organized by Kalpataru Institute of Technology, Tiptur, held on 26th and 27th July 2024. She was recognized for her contributions in reviewing interdisciplinary, domain-specific research papers.
- Ms. Syed Lida Hossain, a research scholar from the BT Research Centre, was awarded a Ph.D. from VTU during the 24th convocation held on July 18, 2024, for her thesis titled “Investigation of Cytotoxicity and DNA Binding Studies of Sydnone Liquid Crystals,” under the guidance of Dr. Rajendra Singh C.
- Dr. Rajendra Singh C. reviewed the research article titled “Anti-Tumor Potential of Saponins: From Obtainment to the Mechanisms of Induction of Cell Death by Apoptosis” for the journal, “Current Topics in Medicinal Chemistry,” published by Bentham Science.

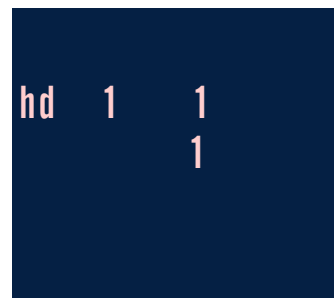
TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Rashmi K.V.	Faculty Development Program on “Genomics-assisted Crop Improvement: Opportunities, Challenges, and Future “	Faculty of Agriculture, Sri Sri University, Cuttack, Odisha Virtual Mode	18-07-2024 & 19-07-2024

EVENTS ORGANIZED



The department organized a visit to the Poornaprajna Institute of Scientific Research for the S4 students on 9th July 2024. Upon reaching the institute, an orientation lecture was given by Dr. Ananda K., Senior Scientist, who explained the inception, vision, achievements and facilities of the institute. Later, the students were divided into smaller groups and taken for lab visits. They toured the laboratories of biological sciences, material sciences and catalysis. Research scholars at the institute demonstrated instruments such as FTIR, HPLC, GC and XRD to the students. During the visit, the students had the opportunity to engage with scientists and research scholars, gaining insights into the innovative projects underway at the institute. 40 students participated in the visit and Dr. Rashmi K.V. was the faculty coordinator.



The department organized a 1-Day event, “An Innovation Idea Presentation,” for the students of S4 of ECE - “A” Section and BT on 13th July 2024. The event saw active participation from 100 students, with 25 ideas presented. The jury members included Mr. Prasun Das from Honeywell, Mr. Bharath and Mr. Joel Joseph from IISc, Dr. Mahadev from Agastya International, Dr. C. Rajendra Singh from BT, Dr. Reshma from KCDS and Mr. Phaninder Ravi from ECE, Sir MVIT. The event was coordinated by Dr. H. G. Nagendra, Professor and Head.

>>> DEPARTMENT OF CIVIL ENGINEERING

EVENTS ORGANIZED



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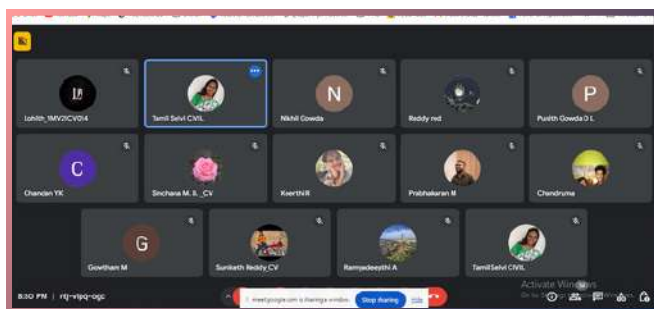
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The Department of Civil Engineering, in association with the Institution’s Innovation Council, organized an “Innovation and Entrepreneurship Outreach Program: Cultivating Innovators of Tomorrow” at Govt. Primary School, Suggatta, Bengaluru, on 29th and 30th July 2024. The program successfully engaged school students in activities that promoted an entrepreneurial mindset and innovation skills. By encouraging students to take initiative and participate in collaborative tasks, the program provided an inspiring experience. This initiative not only contributed to the students’ personal growth but also aligned with the broader goals of sustainable development and societal impact. 30 school students took part in the program. The event was coordinated by the faculty members Ms. Tamil Selvi N., Ms. Anitha J. and Mr. Sriram Mustapure.



As part of the course, “Construction Management and Entrepreneurship”, the department organized a BuildTalk Online session titled “Industry Insights on Cutting-Edge Construction Management” on 29th July 2024 and 30th July 2024. The resource person was Mr. Prabhakaran M., Senior Project Manager, at Sea Bird Resorts Pvt Ltd. He emphasized the importance of integrating sustainable concepts and low-cost construction technologies and materials in civil engineering projects, offering valuable industry insights that bridge the gap between academic learning and practical application. During the event, students showcased their knowledge and creativity by presenting innovative topics such as metro construction, case studies on major projects, underground drainage systems, sustainable construction materials, IGBC certification, and net-zero energy buildings, demonstrating their understanding of modern challenges in the construction field. 19 students from S6 took part in the event. The event was coordinated by Ms. Tamil Selvi N. Assistant Professor in the department.



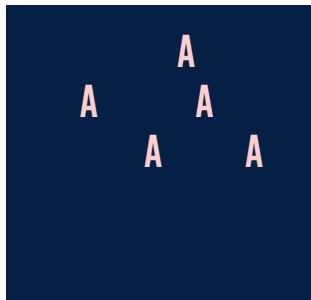
The department organized a site visit to a Ready-Mix Concrete plant located at Narayanapura near Sir MVIT College Road on 26th July 2024. The visit aimed to educate students about the production processes, quality control measures, operational efficiency involved in manufacturing and delivering high-quality concrete. 33 students from S4 took part in the visit. The visit was organized by faculty members Ms. Ramya N., Ms. Subhadra G. D. and Ms. Anitha J.



The department organized a site visit to ACC plant located near Sir MVIT College on 18th July 2024. The visit aimed to enhance understanding of concrete properties, alternative materials and concrete production processes. 19 students from S6 took part in the visit. The visit was organized by faculty members Dr. Pradeepa S. and Ms. Bhavya S.



The department organized an “Alumni Interaction Session” on 4th July 2024. Mr. Srikrishna Nudurumati, an alumnus and a Consultant in AI, RF, IoT and Spectral Imaging interacted with the students. The objective of the interaction was to highlight the importance of fundamental concepts related to Civil Engineering and the use of various software tools like AutoCAD and related elements. 33 students from S4 participated in the interaction. The faculty coordinators of the event were Dr. Ravikumar H. and Mr. K. V. R. Prasad.



As part of the course, Universal Human Values, the department organized an awareness program on “Social Justice and Equity and Environmental Stewardship” at Hunasamaranahalli village on 3rd July 2024. The program aimed to educate and engage villagers on ethical living, social fairness and sustainable environmental care. 33 students from S4 participated in the event. The event was coordinated by faculty members Dr. Pradeepa S. and Ms. Bhavya S.

FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. Ravi Kumar H. has attended the BoE Semester End Examination Question Paper Scrutiny meeting at BMS Institute of Technology and Management, Bengaluru on 6th July 2024.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Pradeepa S. Ms. Bhavya S.	7-Day Faculty Development Program on “Essential Skills for Professional Development in Higher Education”	Star International Foundation for Research and Education Virtual Mode	01-07-2024 to 07-07-2024
	Faculty Development Program on “LAB VIEW”	Department of Electronics and Telecommunication Engineering, Sir MVIT	03-07-2024 to 05-07-2024
Dr. Shivanna S.	Webinar on “Drilling Services: A Field Aspect”	EduCAVE Training Academy Virtual Mode	20-07-2024
Dr. Ravi Kumar H.	Webinar on “The Art Submission of AQAR”	ISDE Academy India Private Limited Virtual Mode	24-07-2024
Dr. Ravi Kumar H. Mr. K. V. R. Prasad	Online Workshop on “Intellectual Property Rights (IPR) & Patents and Design Filling”	Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal Virtual Mode	30-07-2024

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

FACULTY ACHIEVEMENTS & RECOGNITION

- Under the supervision of Dr. Suresh H.L., Ms. Veena S. successfully defended her Ph.D. thesis entitled “Design, Fabrication, and Characterization of MEMS Accelerometer” on 4th July 2024.
- Dr. Suresh H.L. served as a session chair for the 10th International Conference on Computing and Communication Technologies, IEEE CONECCT, held from 12th to 14th July 2024, organized by the IEEE Bengaluru Section at IISc, Bengaluru.
- Dr. Mahesh K. was invited to give an expert talk on Intellectual Property Rights (IPR) at SJCIT, Chickaballapur, on 16th July 2024.
- Dr. R. Sivapriyan participated in a 1-Week Short-Term Training Program on "Generative AI and the Future of Work," organized by Reva University from 22nd to 26th July 2024.
- Ms. P. Kezia Joy Kumari successfully completed the NPTEL Swayam online course on "MS2: Management of Human Resources" and received a certificate.
- Ms. P. Kezia Joy Kumari successfully completed Innovation Ambassador (IA) training on "Reskilling" conducted by MoE's Innovation Cell & AICTE.

STUDENTS' ACHIEVEMENTS

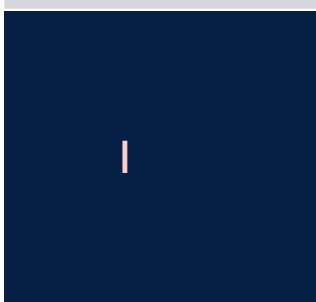
Mr. Prajwal of S6 won a cash prize of Rs. 3,000 as First Prize in the project presentation during Demo Day organized by the Department of ETE, Sir MVIT.



The department organized an industrial visit for the students of S6 to the Substation of Karnataka Power Transmission Corporation (KPTCL) in Rajaji Nagar on 5th July 2024. 100 students participated in the visit, which provided them with practical insights into the operations and functioning of a power transmission substation. The visit was coordinated by Dr. Mahesh K. Professor in the department.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Suresh H.L. Dr.R.Sivapriyan	1-Day Seminar on "Connect to Low-Cost Hardware"	Math Works (MATLAB) Virtual Mode	20-07-2024
Ms.P.Kezia Joy Kumari	1-Week Faculty Development Program on "Automation and Analysis"	H.K.E's society in association with ISTE-Karnataka section and Sir M.Visvesvaraya College of Engineering, Raichur. Virtual mode	01-07-2024 to 05-07-2024
	Faculty Development Program on "LABVIEW"	Department of ETE, Sir M. Visvesvaraya Institute of Technology	03-07-2024 to 05-07-2024
	2-Week Faculty Development Program on "Basics of Python Programming"	Department of Mathematics, Sir M. Visvesvaraya Institute of Technology	15-07-2024 to 26-07-2024
	International Faculty Development Program on "Development program on AI and Gen AI with Industry Application"	MIT Academy of Engineering & The National Institute of Engineering Mysore. Virtual mode	16-07-2024 to 22-07-2024
	Seminar on "Crack The Placement : Turn Opportunities into Achievements"	Radhakrishna Institute of Technology, Odisha, India & RSP Science Hub, Coimbatore, TamilNadu. Virtual mode	27-07-2024



Dr. Rekha S. joined the department on 1st July 2024. She holds a Ph.D. with a focus on Power Systems and an M.Tech. in Energy Systems & Management. She has 11 years of teaching experience and she published 1 research paper in Conference.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

FACULTY ACHIEVEMENTS & RECOGNITION

- Ms. Bhuvaneswari N. received an appreciation certificate for serving as a mentor to a team that participated in Telecombat, an International Level Project Contest organized by the BMSCE IEEE Student Branch in collaboration with the Department of Electronics and Telecommunication, held on 31st May 2024.
- Dr. Mangala Gowri S. G. presented a project proposal under the VTU Collaborative Research Culture Scheme. The project, titled “An Autonomous Tree Planting Robot for Efficient Reforestation,” was selected for a presentation at the Collaborative Research event at VTU Nagarbhavi Regional Center on 29th July 2024. This project involves participation from six cluster VTU institutions. Dr. Mangala Gowri S. G. received her VTU Research Guideship on June 24, 2024.

EVENTS ORGANIZED



The department organized a Student Development Programme on “Machine Learning & its Applications” on 10th and 11th July 2024. The resource person of the event was Mr. Mahesh Degina, Managing Director & CEO and Mr. Harish N., CTO, Karunadu Technologies Pvt.Ltd, Bengaluru. This program was aimed to provide participants with a comprehensive understanding of the basic concepts of machine learning and its wide range of applications. The event covered popular machine learning techniques, highlighting the differences between supervised and unsupervised algorithms. Participants gained insights into key methods such as regression, classification and clustering. Real-time examples and projects were also presented to demonstrate the practical applications of machine learning in various industries. 24 students from S6 participated in the event. This event was coordinated by Dr. Poongothai C. and Ms. Santhoshini S. faculty members in the department.

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The department organized an industrial visit to the Centre for Airborne Systems (CABS), DRDO Bengaluru, on 19th July 2024, for Batch 1 and on July 23, 2024, for Batch 2 of S6 students. 45 students in the first batch and 56 students in the second batch visited the organization. Visiting CABS offered students invaluable benefits by providing a first-hand look at cutting-edge defense technologies like AEW&C and AWACS. This experience allowed students to deepen their understanding of complex systems integration, electronics and aerodynamics, while also offering direct interaction with industry experts who provided mentorship and career guidance. Observing the development of advanced systems such as Identification Friend and Foe (IFF) enhanced students' appreciation for the role of technology in national security. Faculty coordinators of the visit were Dr. Sasmita Mohapatra, Ms. Bhuvaneswari N. Ms. Vijayalakshmi S. for Batch 1 and Dr. G. Shashibhushan, Ms. Rajeshwari K. N. and Ms. Shalini P. for Batch 2.

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The department organized a Student Development Programme on “Robotics using ESP32” from 10th to 14th July 2024. The resource persons for the event were Mr. Basavraj and Mr. Bindu from Newrro, Bengaluru. The objective of the event was to equip students with practical skills in Arduino applications, component wiring and programming ESP32 devices. Participants also learned the principles of robotics, types of sensors and actuators used in robotics, how to interface various sensors, read sensor data and interpret it for decision-making. Students demonstrated projects to their peers, explaining design choices and implementation details. 50 students from S4 attended the event. The event was coordinated by Dr. Sheetal Bagali and Ms. Seema S., faculty members in the department.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Ms. Shilpa Chippalakatti	Faculty Enablement Program on “Machine Learning & NLP using Python”	Infosys Springboard	24-06-2024 to 28-06-2024
	Faculty Enablement Program on “Python for Database”	Infosys Springboard	05-07-2024
Dr. Poongothai C. Ms. Bhuvaneswari N. Ms. Shilpa Chippalakatti	3-Day Faculty Development Program on “LABVIEW”	Department of ETE Sir MVIT	03-07-2024 to 05-07-2024
Ms. Bhuvaneswari N.	Webinar on “Building AI-Powered Drug Discovery Platforms: Challenges and Implications”	Intel, Bengaluru.	05-07-2024
Ms. Vijayashri V. Belgaonkar	Webinar on “Recent Advances on Low Phase Noise mmWave Oscillators”	IEEE-IISc VLSI Chapter IISc, Bengaluru	11-07-2024
Dr. Poongothai C.	5-Day Seminar on “Next Generation Automation: Bridging Electronics and Mechanical Systems in Industry 4.0”	REVA University Bangaluru	22-07-2024 to 26-07-2024
Ms. Vijayashri V. Belgaonkar Ms. Shilpa Chippalakatti	Webinar on “RFIC Design Innovation for Silicon-based D-band Phased Arrays”	IEEE-IISc VLSI Chapter IISc, Bengaluru	26-07-2024



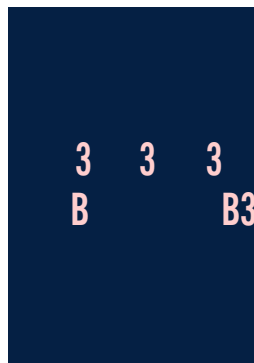
Dr. S. Pradeep Narayanan joined as an Assistant Professor in the department on 8th July 2024. He has 7 years of teaching experience. He has published 2 research papers in international journals. His areas of interest are Biomems, Biomedical devices, Drones in Agriculture, Flexible Electronics, IoT, Nano Materials, Nano Technology, Photonics, Rechargeable Batteries and Wearable Electronics.

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

BOOK PUBLISHED

E. Kavitha, Manjula G. Hegde, S. Sowndeswari, Divyamani M. K., "Data Security in Wireless Sensor Networks." Aasan Publications, July 2024, ISBN:978-81-976480-4-5.

EVENTS ORGANIZED



The department organized a 3-Day Faculty Development Program on "LABVIEW" from 3rd to 5th July 2024. The program aimed to educate faculty about LABVIEW and its applications in interdisciplinary fields. 26 faculty members from different departments participated and interacted with the resource person, Mr. Jayanth M. B. of Digi Toad Technologies Pvt. Ltd. This event was coordinated by faculty members Dr. E. Kavitha and Ms. Irene Martina.

STUDENTS' ACHIEVEMENTS

- D. Yashwanth Kumar, Abin Mathew, Arun G. and Arjun Kanthimath of S6 won first prize in the "Project Demo/Presentation of Start-up" organized by the ETE department under the banner of IIC.
- Uday Kiran R. Karturi, Karthik Reddy, Hansini D. and Varshitha P. of S6 won second prize in the "Project Demo/Presentation of Start-Up" organized by ETE department under the banner of IIC.

DEPARTMENT OF INFORMATION SCIENCE & ENGINEERING

STUDENTS' ACHIEVEMENTS



- Soham Gupta of S4 clinched 3rd place in the hackathon held at Dayananda Sagar Academy of Technology and Management (DSATM) from 12th to 14th July 2024.



- Carol M. DSilva of S4 was the resource person for a workshop titled "Introduction to 3D Modelling," held for the students of S4 and S6 at AMC Engineering College, Bengaluru, on 23rd July 2024. The workshop was conducted in virtual mode.

>>> DEPARTMENT OF IOT & CYBERSECURITY INCLUDING BLOCKCHAIN TECHNOLOGY

CONFERENCE PRESENTATION

- Dr. Savita Choudhary, Rahul Jangra presented a paper titled “Exploring Indian Public Health using AI&ML”, at the International Conference on Data Science and Exploration in Artificial Intelligence, organised by Manipal Institute of Technology, Bengaluru, held on 3rd and 4th July 2024.

EVENTS ORGANIZED



The Department of CSE (IoT & Cyber Security including Blockchain Technology), in association with MEVI Technology LLP, organized a Student Development Program on “IoT & Cyber Security” on 27th July 2024. The resource person for the event was Mr. Vijay B. R., Trainer at MEVI Technology. The event aimed to provide a hands-on session on IoT in Cyber Security. The faculty coordinators for the event were Dr. Savita Choudhary and Ms. Pulukuri Aparna. 60 students from S4 participated in the event.

>>> DEPARTMENT OF MECHANICAL ENGINEERING

STUDENTS' ACHIEVEMENTS

Team M.A.R.S participated in the Indian Super Karting Series (ISS) Season 3, presented by Hindustan Motorsports, held at MIT, Ujjain, Madhya Pradesh, from 3rd to 6th July 2024. The team won the Championship in the Internal Combustion (IC) category, competing against 23 teams from across India. The list of prizes won by Team M.A.R.S include:

Champion - Overall

Top Team

Runner-up - Traction

Runner-up - Endurance

Runner-up - Skid Pad

Winner - Acceleration

Best Team Banner

This achievement was accomplished under the guidance of Mr. Halesh S. B.



PATENTS PUBLISHED

Mr. Nagraj M.J., Dr.T.C. Balachandra, **Dr. V. Shantha**, Mr. Chethan, Mr. R.N. Srinivas Prasad, “Electrodes for Progressive Electric Arc Generation.” Application Number- 415538-001, 5th July 2024, Indian.

FACULTY ACHIEVEMENTS & RECOGNITION

Dr.Yeshvantha H. S. was recognized as a Research Supervisor under VTU on 23rd July, with the Registration id: 042024RSME005781.

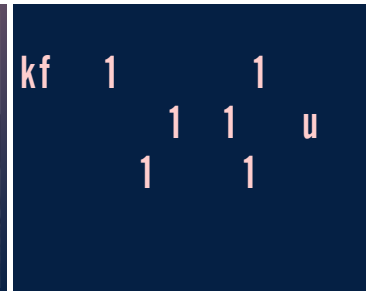
TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. V. Shantha Dr. Prashant S. H.	Faculty Development Program on “LAB VIEW”	Department of ETE, Sir MVIT	03-07-2024 to 05-07-2024
Dr.K. S. Shanmukaradhya Mr. Ejaz Ahmed Dr.Prashant S. H. Mr. Nataraja M.	1-Week Faculty Development Program on “Next Generation Automation: Bridging Electronics and Mechanical systems in Industry 4.0.”	Reva University	22-07-2024 to 26-07-2024
Mr. Chandrasekhar B. Ms. Asha Rani A.	Faculty Enablement Program on “Python for Data Science”	Infosys Spring Board Virtual Mode	07-07-2024
Dr.Prashant S. H.	Faculty Development Program on “Quality Assurance Through NAAC Accreditation Process”	Swayam NPTEL Virtual Mode	27-05-2024
Dr.Yeshvantha. H. S.	Faculty Development Program on “Internet of Things”	Udemy Responsive Strategy Academy, Virtual Mode	21-07-2024
	Work shop on “Mastering Visual Storytelling with Tableau”	NPTEL Workshop Virtual Mode	29-07-2024 to 30-07-2024
Ms. Asha Rani A.	Faculty Enablement Program on “Prelude”	Infosys Spring Board Virtual Mode	03-07-2024
	Faculty Enablement Program on “Introduction to Robotic Process Automation ”	Infosys Spring Board Virtual Mode	23-07-2024
	Faculty Enablement Program on “Introduction to Artificial Intelligence ”	Infosys Spring Board Virtual Mode	23-07-2024

DEPARTMENT OF COMPUTER APPLICATIONS

STUDENTS' ACHIEVEMENTS

- Chandan L. and Souvik Chakraborty of S2 participated in a 3-Day practical hands-on Ethical Hacking & Cyber Security Workshop (Level 1), followed by a 1-Day hackathon titled “HACKSECURE 2024: The Ultimate Cyber Challenge.” The event was organized by the Department of MCA at RNS Institute of Technology, Bengaluru, in association with the IEEE Education Society and Supraja Technologies, from 24th to 27th July 2024. They won the Best Student Award at the hackathon. They have also been offered an internship opportunity as "Student Interns" at Supraja Technologies, Vijayawada.
- Tejas R. of S4 won 1st prize for his project titled “AI News Video Generator” at ProExpo 2024, organized by the Department of MCA, Acharya Institute of Technology, Bengaluru, held on 19th July 2024.



The department organized a 1-Day workshop on “Together We Code: Building Better Life Skills” on 31st July 2024. The resource person of the event was Ms. Sabina Juliet, Life Skill Perceptor, Bengaluru. The aim of the program was to furnish the students with a comprehensive understanding of soft skills and their significance in the professional setting, as well as to aid the students in enhancing their group discussion abilities. This program facilitated the students a platform to hone their soft skills within a secure and encouraging setting. 40 students from S2 participated in the event. This event was coordinated by Ms. R. Latha., Associate Professor.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Ch. Vanipriya	Faculty Development Program on “AI And Gen AI with Industry Application”	MIT Academy of Engineering (MIT AOE) Maharashtra, The National Institute of Engineering - MYSORE, Narasaraopeta Engineering College, Andhra Pradesh, Matrusri Engineering College, Telangana in Collaboration with ExcelR Edtech Pvt. Ltd., Virtual Mode	16-07-24 to 22-07-24
Ms. R. Latha	Faculty Development Program on “A Basics of Python Programming”	Department of Mathematics Sir MVIT	15-07-24 to 26-07-24

DEPARTMENT OF CHEMISTRY

BOOK CHAPTERS PUBLISHED

- B. R. Omkaresh, K. V. Yatish, **G. K. Prashanth**, K. Pramoda, “Blending Strategies and Properties of Biodiesel”. Developments in Biodiesel: Feedstock, Production, and Properties, Royal Society of Chemistry, 2024, ISBN: 978-1-83767-060-4, DOI: 10.1039/9781837672530.
- G. K. Prashanth**, Manoj Gadewar, Srilatha Rao, Mithun Kumar Ghosh, K. V. Yatish, M. Mahadeva Swamy, “S-Heterocycles: Retrospect, Prospects, and Biological Applications”. S-Heterocycles: Retrospect, Prospects, and Biological Applications, 2024, ISBN: 978-1-83767-401-5, DOI: 10.1039/9781837674015.



Dr. Cindrella Nishmitha Gonsalves joined as Assistant Professor in the department on 5th July 2024. She holds a Ph.D. in Chemistry from National Institute of Technology, Karnataka. She has 3 years of teaching experience. She has published 2 papers in International journals and 1 paper in conference. Her areas of interest are Electrochemistry, Corrosion studies and Electrocatalysis.



Dr. Ashly P. C. joined the department as Assistant Professor on 4th July 2024. She has 8 years of teaching experience, 2.6 years of research experience and 3 years of industry experience. She obtained her Ph.D. from Cochin University of Science and Technology, Kerala and worked as a postdoctoral fellow at Jawaharlal Nehru Centre for Advanced Scientific Research. She has 5 research publications to her credit. Her research interests include Fuel Cells, Alloys and Intermetallics, Hydrogen Evolution Reaction and Water Splitting.

FACULTY ACHIEVEMENTS & RECOGNITION

- Dr. G.K. Prashanth reviewed two manuscripts, one for the Journal of Inorganic and Organometallic Polymers and Materials and another for the journal AAPS PharmSciTech.

DEPARTMENT OF PHYSICS

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Mr. Shivananda C. S. joined the department on 5th July, 2024, as Associate Professor. He has 8 years of teaching experience. His area of interest are Functional Biomaterials, Nanocomposites and Biosensors. He has 16 research publications to his credit.



Dr. M. Vanitha joined the department on 8th July 2024, as Assistant Professor (Research). She has 2 years of teaching and 9 years of research experience. Her area of interest are Nonlinear Dynamics, Artificial Intelligence in Cancer Pathology, Natural Language Processing and Biophysics. She executed a project under DST WOS-A. She has 2 research publications to her credit.



Dr. Abhiram J. joined the department on 15th July, 2024, as Assistant Professor. He has 10 years of teaching experience. His area of interest are Glass Science, Nanomaterials and Non-linear Optics. He has 15 research publications to his credit.

DEPARTMENT OF MATHEMATICS

EVENTS ORGANIZED



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The Department of Mathematics organized a 2-Week Faculty Development Program on “Basics of Python Programming” from 15th July 2024 to 26th July 2024. The resource persons for the event were Ms. Thrisha V.S. and Ms. Dhivya V., Assistant Professors, Department of CSE, Sir MVIT. This program aimed to equip the faculty with foundational knowledge and practical skills in Python programming. A total of 29 Faculty members from the departments of Mathematics, Computer Science Engineering and Mechanical Engineering attended the workshop.

TECHNICAL EVENTS ATTENDED

Name of the attendee	Title of the event	Organizers details	Dates
Dr. Chaya T. Y.	5-Day Faculty Development Program on “Recent Trends in Computational Sciences”	Department of Statistics and Mathematics , Amity Institute of Applied Sciences, Amity University, Kolkata, Virtual Mode	22-07-2024 to 26-07-2024
Dr. Chaya T. Y. Ms. Janani P.	3-Day workshop on “Advanced Linear Algebra”	Continuum Math Society, NIT JSR Virtual Mode	05-07-2024 to 07-07-2024

PATENTS PUBLISHED

Balaji C., Rudresha C., Vidya Shree V., Maruthamanikandan S., Prathap D. "PEN-PASS". Application No. 202441048784 A, 5th June 2024, Indian.

INTER-DEPARTMENT NEWS

EVENTS ORGANIZED



The Departments of ISE and AIML jointly organized a 1-Day Seminar on "Technical Paper Writing and Publication" on 8th July 2024. The resource person for the event was Dr. Syed Muzamil Basha, Professor and Research Vertical Head, School of Computer Science and Engineering, Reva University. This program aimed to educate students on the fundamentals of technical paper writing and the effective structuring of project reports and papers for publication. 91 students from S4 and S6 participated in the event. The seminar provided guidance on how to perform literature reviews, select relevant papers, and understand research structures to develop strong research skills, which are essential for academic and professional growth. This event was coordinated by Ms. Sowjanya Lakshmi A., Assistant Professor, Dept. of ISE and Ms. Ashwini Gorte., Assistant Professor, Dept. of AIML.



The Departments of ISE, AIML and CSE (IoT Cyber Security Including Blockchain Technology) jointly organized a 1-Day Student Development Program on "Innovative Approaches to Algorithmic Design" on 12th July 2024. The resource person for the event was Ms. Pavithra B., Assistant Professor, Data Science department, SVIT. This program aimed to educate students on the fundamentals of algorithms, innovative approaches in terms of space and time efficiency and the Transform and Conquer Technique, which involves transforming problems into easier or similar versions using specific procedures. The program also covered how to apply a space-time trade-off to the problem of data storage. 130 students from S4, from all the three departments, participated in the event. This event was coordinated by faculty members Ms. Suguna M. K., Ms. Shanta Biradar and Mr. Vijayakumara Y. M.

PATENTS PUBLISHED

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Dr. Prashanth G. K., Dr. Srilatha Rao, Dr. H.S. Lalithamba, Dr. Rashmi K.V., Dr. Sowmyashree A. S., Dr. M. Mahadevaswamy, Dr. Bhagya N.P., "Chemical Stirring Device." Application number 417378-001, 12th July 2024, Indian.

>>> PLACEMENT NEWS

SL. NO	NAME	BRANCH	COMPANY NAME	PACKAGE
1	Shobhit Singh	CSE	Tally Solutions Pvt. Ltd.	₹12,98,000 per annum
2	Deepak Kumar			
3	Akshatha S.			
4	Sumit Pathak	ISE	TCS	₹11,50,000 per annum(Under Prime Category) ₹7,30,000 per annum(Under Digital Category) ₹3,00,000 per annum(Under Ninja Category)
5	K. L. Mohammed Sait	ISE		
6	Aishwarya Dindukruti	CSE		
7	Anjali Prasad	CSE		
8	Anusha R.	ETE		
9	Akash Gupta	ECE		
10	Abhinav Kumar	ETE		
11	Aditya Anand	ECE		
12	Adan Bari	ECE		
13	Abhilash A.	CSE		

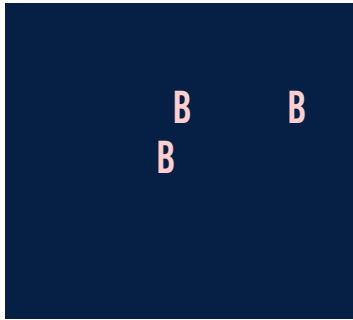
>>> KALAKAUSTUBHA NEWS

SUSAMSKRUTI

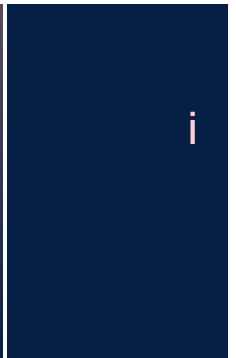
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Spandana - The social outreach club organized medical camp for underprivileged children at the college auditorium on 7th July 2024. Around 80 children from the nearby community got benefited from this camp. They were provided with general medical and dental checkup by a team of 7 medical professionals from Cytecure hospital and Krishnadevaraya College of Dental Sciences and Hospital. 60 students from various branches volunteered in the camp and engaged the children with fun activities till the completion of the camp. Dr. Rashmi K.V., faculty mentor Spandana coordinated the event.



Karuna – The Animal Welfare Club of Sir MVIT organized a Poster Making and Canine Photography contest on 10th July 2024. The event saw 25 students showcasing their photography and poster-making talents, with themes centered around raising awareness about animal welfare. The events were adjudicated by the faculty members, Dr. H. G. Nagendra, Mr. Chandrashekar, Mr. K. V. R. Prasad, Mr. Ramkumar and Mr. Viswas. The prize-winning photograph, taken by Joe Tom Ryan, featured a devoted mother dog standing gracefully surrounded by her adorable litter of puppies. The photograph beautifully captured her gentle eyes and serene expression, reflecting the deep bond she shared with her young. This moment elegantly portrayed the universal and timeless bond of motherhood, defined by unconditional love and care. The event was coordinated by Dr. Priya Narayan along with student coordinators Rithanya and Nirupama.



Sunaada-the musical club of Sir MVIT, conducted Gaanalahari, an Antakshari competition, on 5th June 2024, at the MBA Block entrance. 9 teams, each consisting of 4 participants, took part in the event. The competition was coordinated by Mr. Chandrasekhar B., the mentor of the Sunaada club.



Sunaada-the musical club of our institution, organized the monthly bhajan program at Sri Vidya Ganapati Temple, on Monday, 15th July 2024.



Suchitra-the photography club of Sir MVIT, conducted a theme-based photography competition on 10th July 2024. The theme was “Tiny Lives on the MVIT Campus.” The event saw 26 participants. The competition was coordinated by Mr. K.V.R. Prasad on behalf of Prof. Rakesh S. G., who is also the mentor of the Suchitra club. Mr. Rajeev Tiwari of 2S (ETE), Mr. Bhaskar Mondal of 6S (ECE) and Ms. Karen Morais of 6S (BT) won the first, second and third prizes, respectively. Principal, Prof. Rakesh S. G., presented the certificates and cash prizes to the winners.



Mr. Santhosh Yadav, Software Engineer at Accenture, Mr. Amish Noah, Engineer at Strand Life Sciences, Ms. Pavithra Gowda, Assistant Director, Cooperative Audit Ministry of Cooperation, Govt of Karnataka of the batch 2014-2018(BT), visited the campus on 27th July 2024..



Mr. Ranjeet Kumar Mehta, from the 2009-2012 MCA batch and currently working as an Assistant Consultant at Tata Consultancy Services, Hyderabad, visited the campus and met Head of the Department and the faculty on 27th July 2024.



Mr. Srikrishna Nudurumati, of the 1996-2000 batch (Civil Engineering), serving as a Consultant in AI, RF, IoT, and Spectral Imaging in Cambridge, UK, visited the campus and met the Principal and other department faculty on 4th July 2024.



Mr. Mallik Prasad (ECE), currently working as Associate Director-Digital Security at Cognizant in New York, USA, Ms. Poornima Tayappa (ECE), Senior Manager at Infosys, Ms. Anupama Rao (CSE), currently working in Australia, Ms. Brinda Puttegowda (ECE), Senior Manager at Infosys, Ms. Jennifer Anthony Mecherippady (ECE), Senior Vice President and Business Unit Leader at CGI, Bengaluru and Mr. Anand Ramachandra (CV), CEO of Vefour Associates, all alumni of the 1990-1994 batch, visited the campus on 27th July 2024.



Mr. Nagesh Deshpande, serving as Lead Solutions/Digital Architect with Domestic & General Ltd in London, and his wife, Ms. Shreekala Nagesh, working as Senior CSV Specialist at NTT DATA Business Solutions UK, both alumni of the 1997-2001 batch (Electronics & Communications Engineering), visited the college and met the Principal and other faculty members on 2nd July 2024.



Ms. Manjula S. A. (Biotechnology), working as an Information Security Analyst at UST, Ms. Bhagyashree Patil (ECE), working as a DC Consultant at Deloitte, and Ms. Nirmala R. Vaddodagi (CSE), working as an Associate Consultant at Atos Syntel, Bengaluru, all from the 2016-2020 batch, visited the campus and met the faculty members on 13th July 2024.



Mr. Srinivasulu Reddy, Assistant General Manager at Amphenol Communications Solutions, Bengaluru and Ms. Radika Nookala, Bid Manager at Televic GSP, Washington DC, from the 1999-2003 batch (EEE), visited the campus and met Dr. H. L. Suresh, Head of the Department of EEE, as well as some of the faculty and staff, on 25th July 2024.



Mr. Nikhil Bharadwaj, Data Engineering Senior Analyst at Accenture and Ms. Aditi B. Akshara, Software Product and Plant Engg. Senior Analyst, Accenture, from 2016-2020 batch(ECE), visited the campus on 27th July 2024.



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I pursued my Electronics and Communication degree at Sir MVIT from 2001 to 2005, and further joined Accord Software and Systems Pvt. Ltd., an Indian company as a System Engineer. I moved to Canada for my higher studies in the year 2008 and was able to obtain my Ph.D. degree from the University of Calgary in the year 2011. After returning, I continued my work with Accord as a Project lead. Till date, I have been with Accord and have been designated the Director of Engineering taking care of multiple project life cycle processes.

All this was possible due to the strong foundation that was laid by my mentors and professors at Sir MVIT, who gave us ample of opportunities to hone our skills. I am always indebted to their unwavering support and guidance helping me achieve distinctions in all my semesters. The lectures, lab facilities, experiments, workshops, seminars conducted at the college were an eye-opener for me as a curious teenager.

Other than academics, I equally enjoyed the games and the co-curricular opportunities offered. It was blessing in disguise for having encouraged by all my professors for being part of our prestigious Kalanjali. Thanks to Prasad Sir, who ensured we didn't miss our classes unnecessarily while actively organizing and volunteering for the fests. Being an avid singer, I appreciate how the college had multiple platforms (freshers party, intra-fest, inter fest representations) to showcase our skills. This helped me to represent myself more confidently among the crowd.

The reason for me being a successful engineer also attributes to our college's excellent placement cell headed by Khan Sir. The college's commitment to ensuring all the engineers are given equal opportunity for better placement is commendable. I frequently read success stories about the college from the Alumni speak columns which speak volumes of our college rich heritage.

As a proud MVITian, I recommend students to make use of the opportunities that our college has to offer and come out in flying colours in their respective fields by proudly representing MVIT on a global platform.

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Dear MVITians,

When I think of MVIT, I still recall the first day I visited the campus with my mother. Together, we met the Principal, who advised me to treat the next four years like a Tapasya to succeed. I sincerely followed his advice, which undoubtedly ensured my success.

At MVIT, I formed lifelong friendships, including two of my best friends to this day. Professors like Dr. Gopinath Gargesa, Shanta ma'am, S.R.Nagaraj sir, Manoharan sir, and many others played pivotal roles in shaping my formative years, providing necessary guidance when needed. Back then, we also had an internet café in the library, which was instrumental in supporting my learning, despite the limited Google search results.

In 2005, I was placed at Satyam Computers (now Tech Mahindra), and I also found my lifelong companion, Sushma Udupa, at MVIT. I certainly gained more than I invested at MVIT. Those four years taught me to handle both success and failure. As a curious learner, I spent time reading non-fiction books and dreaming big about life. My inclination towards hands-on learning led professors like Venkatesh to give me opportunities to work on industrial projects, allowing me to explore topics beyond the syllabus.

I cannot thank MVIT enough for giving me only the best! Wishing everyone at MVIT all the very best.



"The bond between alumni and their alma mater is timeless, built on shared memories, experiences, and growth."

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