



FOCUS

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MILAN 2026

Strengthening Connections Beyond the Campus



The spirit of Manipal came alive in Hyderabad on 05 June 2026 as alumni, recruiters, faculty members, and institutional leaders gathered for MILAN 2026, an outreach initiative of the Manipal Institute of Technology (MIT). More than a formal networking event, the evening offered an opportunity to reconnect, exchange ideas, and explore new possibilities for collaboration between the institute, its alumni, and industry.

The event brought together 125 participants, including over 60 alumni, alongside recruiters and industry professionals. The enthusiastic participation created a lively setting for conversations on professional experiences, emerging industry expectations, and opportunities for future engagement.

For alumni, it was a moment to renew their connection with the institute; for recruiters and faculty members, it provided valuable insights into how education and industry can work more closely together. A panel discussion featuring leaders from MAHE and MIT was among the highlights of the

evening. Focusing on the evolving landscape of engineering education, the discussion examined what it means to prepare graduates for a rapidly changing professional world.

The panelists emphasized that technical knowledge, while essential, must be complemented by communication skills, adaptability, experiential learning, and exposure to real-world challenges. They also underlined the importance of stronger academia-industry partnerships in helping students translate classroom learning into practical and socially relevant solutions.

Beyond networking and recruitment, MILAN 2026 celebrated the enduring relationship between MIT and its alumni community. The gathering reflected a shared commitment to supporting education, innovation, and meaningful career opportunities for future engineers. With its engaging conversations and strong participation, MILAN 2026 marked another important step towards building a vibrant, globally connected alumni network and creating lasting bridges between academia and industry.



अनुभवामृतम्

Chronicles of a Timeless Legacy

“A Life of Learning...” **Professor K Jayavanth Kamath on His Journey with MIT Manipal**

"A teacher should be a real student," says Professor K Jayavanth Kamath. "A lamp cannot light other lamps unless it continues to burn itself."

Few statements capture his life and career more accurately.

For over five decades, Professor K J Kamath's relationship with Manipal was defined by a simple belief: learning never ends. As a student, teacher, academic leader, and mentor, his journey unfolded alongside the growth of MIT Manipal itself. Looking back today, he sees his story not as one of individual achievement, but as part of a larger educational vision that transformed a small town into one of India's leading centres of higher education.

Born in Manipal in 1944, Professor Kamath grew up during the formative years of the educational movement led by Dr T M A Pai. His father worked with the Manipal Group, and from an early age he witnessed first-hand the emergence of institutions that would later become landmarks in Indian education. After completing his schooling in Udupi and his PUC, he aspired to pursue a Bachelor of Science. However, financial constraints threatened to disrupt that dream. Unable to secure a scholarship, his father approached Dr T M A Pai and his brothers for assistance.

What followed became a defining moment in his life.

Impressed by the young student's academic record, Dr T M A Pai offered him a freeship to the engineering program. He also assured his father that after completing his studies, he could serve the institution as a lecturer.

"That one decision changed my life," Professor Kamath recalls.

He joined the Mechanical program at Manipal, becoming one of the early students of a department that was still finding its footing. In many ways, his growth and the institution's growth happened together. After graduation, he hoped to pursue higher studies at the Indian Institute of Science. When admission did not materialise, he returned to Manipal expecting to work as an honorary teacher. Instead, another opportunity awaited him. Dr T M A Pai offered him a regular lecturer position. What began as an act of faith in a young graduate eventually evolved into a distinguished academic career spanning several decades.

Yet, despite becoming a lecturer, Professor Kamath never stopped being a student.

In 1967, he was selected for the Government of India's Quality Improvement Program through Bengal Engineering College, Calcutta, and later continued at IIT Kharagpur. Although technical difficulties prevented him from completing all program requirements, his commitment to higher learning remained unwavering. When MIT Manipal introduced a postgraduate program in Industrial Engineering in 1970, he enrolled and successfully completed his degree. This pursuit of knowledge continued throughout his career. He attended advanced programmes at IIT Kanpur, IIT Roorkee, IIT Kharagpur, IIT Bombay, ISRO, and several other premier institutions.

For him, these experiences extended far beyond earning qualifications.

"They taught me the value of remaining curious. We visited industries, interacted with professionals, and understood how engineering functions in the real world. Those experiences helped me become a better teacher."

The exposure also deepened his appreciation of industry-academia collaboration well before it became a widely discussed concept. Through industry visits and interactions with engineers across the country, he recognized that classrooms and workplaces must continuously learn from each other.

This conviction found expression in his professional responsibilities as MIT Manipal expanded. In 1989, when placement activities were beginning to take structured form, the then Director, Dr Alladi Prabhakar, entrusted Professor Kamath with the responsibility of placements and industry-oriented programs. Simultaneously, his department began offering specialised programmes for industry personnel. Professionals from organisations such as Larsen & Toubro and aerospace industries regularly participated in these initiatives, strengthening ties between academia and industry.

By 1995, Professor Kamath had become Professor and Head of the Department of Mechanical and Manufacturing Engineering while also serving as Placement Head. For five years, he balanced both responsibilities, helping students prepare not only for examinations but also for professional careers.

Yet when he reflects on his years as a teacher, it is not administrative positions that he remembers most. Instead, he speaks about students.

"I never believed that there are good students and bad students," he says. "Every student has potential. A teacher's responsibility is to recognise it."

His philosophy emerged from decades of observing young minds develop at different paces. "Some flowers bloom early. Some bloom later. But every flower has the ability to bloom." It is a perspective that shaped generations of students who passed through his classrooms. Rather than judging learners solely by marks, he sought to identify strengths, nurture confidence, and encourage growth.

Among his many contributions to MIT Manipal, Professor Kamath takes particular pride in being part of the team that developed the institution's vision statement. However, when asked what truly distinguishes MIT Manipal, his answer is characteristically simple.

"It is the dedication of the people. Teachers and staff genuinely care for students. They spend time with them, guide them, and support them. That culture has always been one of the institution's greatest strengths."

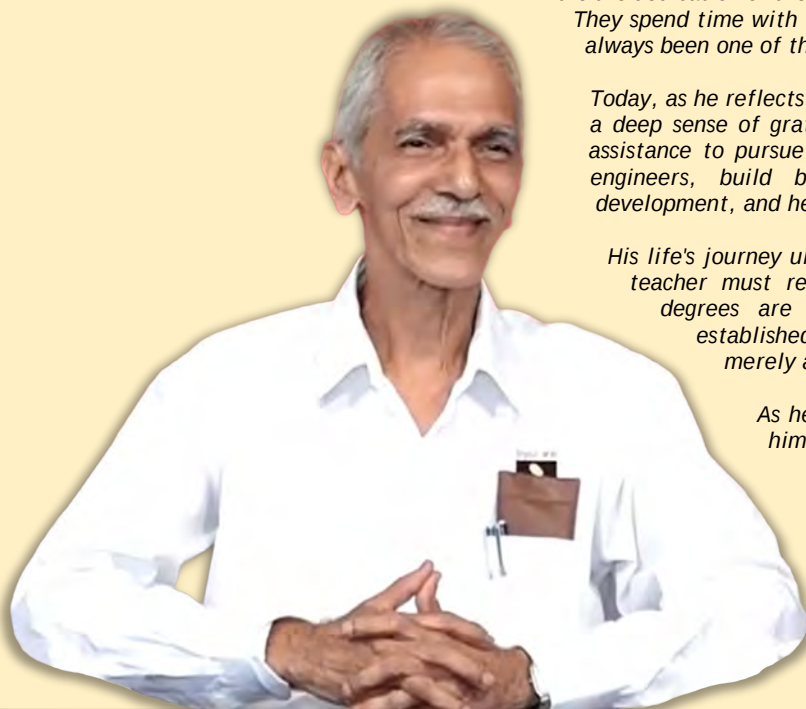
Today, as he reflects on a life spent learning, teaching, and serving, there is a deep sense of gratitude. The young student who once needed financial assistance to pursue higher education went on to educate generations of engineers, build bridges with industry, contribute to institutional development, and help shape the future of MIT Manipal.

His life's journey ultimately returns to the lesson with which he began. A teacher must remain a student. Learning must continue long after degrees are earned, promotions are received, or careers are established. For Professor K Jayavanth Kamath, that belief was not merely a professional principle; it was a way of life.

As he concludes, he recalls a Parsi proverb that has guided him for many years:

"When you are born, you are crying and the world is laughing. Live your life in such a way that when you die, you will smile and the world will cry."

In many ways, his own journey embodies that wisdom: a life shaped by gratitude, sustained by learning, and dedicated to helping others discover their potential.



PROFESSOR K JAYAVANTH KAMATH

(Prof K J K)

To listen to the complete conversation in its original form as shared during the interview, scan the QR below.



SOURCE

Interview with Prof K J Kamath, conducted on 20 June 2026 by Dr Praveen K Shetty and Dr Rajesh Pai, School of Basic Sciences, Humanities & Management, Manipal Institute of Technology, Manipal.

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Editor's Musings

Dear Reader,

Warm greetings from MIT Manipal!

One of the interesting things about compiling a newsletter is that it reveals connections that are easy to miss during the rush of a semester.

At first glance, the stories in this issue seem unrelated. A student-built rocket is launched at an international competition. Cybersecurity teams take on global challenges. Students present research, develop startups, and compete in national hackathons. Faculty members earn awards, secure grants, and contribute to advancing research in their fields. Alumni continue to leave their mark in areas as diverse as artificial intelligence, education, entrepreneurship, healthcare, sustainability, and corporate leadership.

Taken together, however, these stories point to a common thread. They reflect an institution where learning is not confined to classrooms and laboratories, but constantly tested in competitions, conferences, industry collaborations, community initiatives, and professional practice. Many of the achievements featured in these pages began as projects, conversations, experiments, or ideas pursued beyond formal academic requirements.

What is equally striking is the breadth of engagement. In the same issue, one encounters quantum computing, semiconductor design, ocean sciences, reinforcement learning, neuroscience, healthcare technologies, autonomous systems, and entrepreneurship. The message is that people across the MIT Manipal community are asking very different questions and pursuing them with seriousness and purpose.

The alumni featured here offer a glimpse of where such journeys can lead. Their accomplishments suggest that while students begin with a shared engineering education, the paths they eventually create are remarkably diverse. In many ways, that diversity remains one of MIT Manipal's enduring strengths.

A newsletter captures only selected moments. Yet these moments reveal a campus that remains curious, ambitious, and engaged with a rapidly changing world

Happy Reading...!

EVENTS AT MIT

One-Day Workshop on **BEST PRACTICES IN QISKIT TOWARDS QUANTUM ADVANTAGE**



The School of Computer Engineering organized a one-day workshop on “Best Practices in Qiskit towards Quantum Advantage” on 01 April 2026. The session was delivered by Mr Aaryav Mishra, Research Engineer at IBM Bangalore, who provided valuable insights into quantum computing frameworks and practical implementations using Qiskit.

The workshop began with an overview of the importance of best practices in Qiskit for achieving quantum advantage. The session, attended by 54 participants, introduced the different versions of Qiskit and its overall architecture.

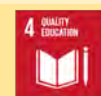
The speaker elaborated on the core modules and their functionalities, including Qiskit Circuit, Quantum Information, Transpiler, and Visualization. He further explained the Directed

Acyclic Graph (DAG) representation of quantum circuits and highlighted its advantages. In addition, key aspects such as the error-handling framework, execution model, and optimization strategies were discussed. The session also covered the trade-offs involved in using Python and Rust. The workshop was accompanied by hands-on session that enabled participants to gain practical experience by simulating a 4-qubit Heisenberg Hamiltonian evolution using Python.

The speaker also demonstrated the process of transpilation at different levels. Towards the conclusion of the workshop, the speaker discussed emerging opportunities in quantum computing at IBM and addressed several queries from the participants. The event was coordinated by Dr Vivekananda Bhat and Dr Shwetha Rai, faculty in the School of Computer Engineering.



One-day Workshop on **RESEARCH ETHICS (MISCONDUCT & JOURNAL PUBLICATION PROCESS)**



School of Electrical Engineering organized a one-day workshop on "Research Ethics (Misconduct and Journal Publication Process)" on 14 May 2026. Dr Ajit Kumar Verma, an expert in research methodology and scholarly publishing, was the resource person for the workshop.

The workshop focused on promoting ethical research practices among students, research scholars, and faculty members. Various forms of research misconduct, including plagiarism, data fabrication, falsification, duplicate publication, and inappropriate authorship practices, were discussed using practical case studies. Participants



were also introduced to the complete journal publication process, covering manuscript preparation, journal selection, peer review, revision procedures, indexing databases, identification of predatory journals, citation practices, and plagiarism detection tools.

The event was coordinated by Dr Soumya Ranjan Das, Associate Professor and conducted under the guidance of Dr Jayalakshmi N S, Senior Professor and Dean, School of Electrical Engineering.



Five-day Workshop on

SELF-MANAGEMENT & PERSONAL RE-ENGINEERING



A five-day workshop on “Self-Management and Personal Re-Engineering” was organized by School of Electrical Engineering during 23-27 June 2026. The sessions were delivered by (Dr) Ajit Kumar Verma, Professor at the Western Norway University of Applied Sciences, Norway, and International Faculty, MIT Manipal, and an eminent expert in yogic sciences, self-development, and holistic well-being.

The primary objective of the workshop was to guide participants toward achieving inner balance, enhanced self-awareness, and personal transformation through structured yogic practices and self-management techniques. The program

witnessed enthusiastic participation from faculty members, staff and research scholars.

Each day of the workshop included a blend of theoretical insights and practical sessions. The practical sessions focused on Sitting Asanas, Pranayama, Mudra and Bandha, which helped participants develop physical stability, breath control, and energy regulation. Special emphasis was given to Psychic Sleep (Yoga Nidra), enabling deep relaxation and mental rejuvenation.

The workshop also incorporated advanced practices such as Dharana (concentration) and Dhyana (meditation), which helped participants cultivate mindfulness and inner clarity.

A unique aspect of the program was the integration of the fundamental elements of Nava Yogini Tantra (Yoga for Women), highlighting the importance of energy balance and inner strength, particularly in the context of feminine energy systems.

The event was coordinated by Dr Soumya Ranjan Das, Associate Professor and conducted under the guidance of Dr Jayalakshmi N S, Senior Professor and Dean, School of Electrical Engineering.



One-week skill-based course (CL1) on

VLSI FABRICATION TECHNOLOGY: FUNDAMENTALS & PROCESS INSIGHTS

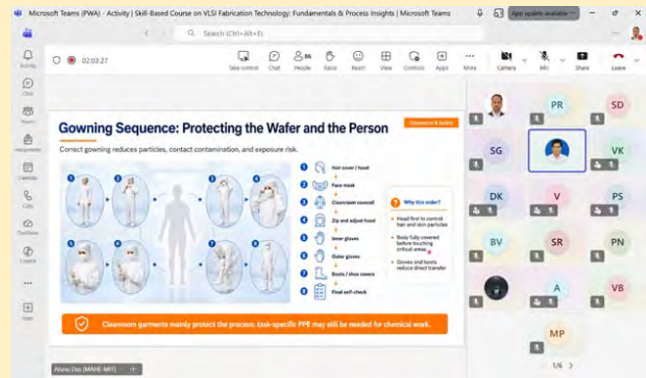


A one-week skill-based course (CL1) on “VLSI Fabrication Technology: Fundamentals and Process Insights” was conducted online by the Centre for Semiconductor Device Fabrication (CSDF) Facility, School of Electrical Engineering, from 22-27 June 2026. The course was coordinated by Dr Amit Kumar Goyal and conducted under the guidance of Dr Jayalakshmi N S, Senior Professor and Dean, School of Electrical Engineering.

The course provided participants with a comprehensive understanding of semiconductor device fabrication and modern integrated circuit manufacturing. The workshop witnessed enthusiastic participation from 91 participants, including 29 external (non-MAHE) participants and 62 participants from MAHE. The sessions began with an introduction to VLSI technology, recent industry trends, cleanroom protocols, and semiconductor

materials, followed by detailed discussions on single crystal silicon growth, thermal oxidation, optical lithography, nanolithography, thin film deposition, metallization, diffusion, ion implantation, and wet and dry etching techniques.

The final day focused on semiconductor characterization methods and process integration through a fabrication example. To evaluate the learning outcomes, an assessment was conducted at the end of the course.



One-week skill-based course (CL1) on **INTRODUCTION TO ANALOG CIRCUIT ANALYSIS USING LTSPICE/CADENCE**



A one-week skill-based course (CL1) on “Level1: Introduction to Analog Circuit Analysis using LTSpice/Cadence” was conducted online by the Centre for Semiconductor Device Fabrication (CSDF) Facility, School of Electrical Engineering, from 15-19 June 2026. The course was coordinated by Dr Senorita Deb and conducted under the guidance of Dr Jayalakshmi N S, Senior Professor and Dean, School of Electrical Engineering.

The certificate program was conducted to introduce the students to analog and mixed-signal integrated circuit design, covering both the theoretical foundations and practical implementation of CMOS analog circuits using industry-relevant simulation tools. The workshop witnessed enthusiastic participation from 49 students and research scholars from MAHE as well as external institutions.

The sessions commenced with an introduction to VLSI and analog IC design, MOSFET device

characteristics, regions of operation, capacitance effects, and schematic design using LTSpice with Predictive Technology Models (PTM). Participants were then introduced to fundamental MOSFET amplifier topologies, including common source, common gate, and common drain configurations, along with their gain, input/output resistance, and biasing considerations.

The course further focused on current mirror design methodologies, progressing from basic current mirrors to cascode and Wilson current mirror topologies, emphasizing design strategies, compliance voltage, and output resistance. Hands-on laboratory sessions enabled participants to design, simulate, and optimize these circuits using LTSpice, reinforcing the theoretical concepts through practical implementation and performance verification. The final day was dedicated to revision, discussion of design methodologies, and an objective assessment to evaluate the participants' understanding.

One-day Workshop on **CADENCE EDA: LIBRARIES, PACKAGES, ADVANCED FEATURES & INSTALLATION**



The School of Electrical Engineering in association with the Institution's Innovation Council (IIC) – Electrical Stream, successfully organized an expert workshop titled "Cadence EDA: Libraries, Packages, Advanced Features & Installation" on 13 April 2026.

The workshop was coordinated by Dr Pallavi R Mane and Dr Rahul Ratnakumar under the guidance of Dr Jayalakshmi N S, Senior Professor and Dean, School of Electrical Engineering.

The technical sessions were delivered by Mr Rakesh B R, Application Engineer, Entuples Technologies

Pvt Ltd, Bangalore. Drawing upon his industrial experience, Mr Rakesh presented both theoretical concepts and practical demonstrations, providing valuable insights into professional chip design methodologies followed in the semiconductor industry.

The workshop was conducted at the Analog and Digital IC Design Laboratory with the objective of strengthening participants' understanding of Cadence Electronic Design Automation (EDA) tools and their practical deployment in modern VLSI design environments.

The event witnessed enthusiastic participation from undergraduate students, postgraduate students, research scholars, and faculty members interested in semiconductor technology and integrated circuit design.

The workshop covered several important aspects of the Cadence EDA platform, including: Overview of the Cadence Virtuoso design environment, Understanding technology libraries and design packages, Organization and management of Process Design Kits (PDKs), Library creation and management techniques, Advanced features available in Cadence for efficient design development, Tool installation procedures and environment setup, Configuration of software

dependencies and licensing, Best practices for project organization and design management and Practical demonstrations illustrating efficient navigation of the Cadence environment.



Two-Day Lecture Series under AICTE DISTINGUISHED PROFESSIONAL SCHEME



The School of Civil and Chemical Engineering, MIT Manipal, organized a two-day lecture and interactive program under the AICTE Distinguished Professional Scheme during 14-15 April 2026. The sessions were led by Prof (Dr) Katta Venkataramana, Retired Professor (HAG), Department of Civil Engineering, NIT Surathkal.

The program commenced with an interaction with research scholars, during which Prof. Venkataramana discussed the significance of research, career opportunities in academia, and funding prospects. Participants also presented their ongoing research and received valuable feedback and guidance to strengthen their work.

A technical lecture on Engineering Seismology and Learning from Past Earthquakes highlighted the importance of understanding seismic events in developing earthquake-resistant structures through lessons drawn from historical case studies.

On the second day, Prof. Venkataramana engaged with faculty members on research collaboration, funding opportunities, and academic growth. He later delivered a lecture on Introduction to Earthquake Engineering, introducing undergraduate students to the fundamentals of earthquake-resistant design and current developments in the field.



Guest Talk on OCEAN EARLY WARNING & ADVISORY SERVICES



The Centre for Climate Studies, Centre of Excellence for Smart Coastal Sustainability, and the Geology Division of the School of Civil and Chemical Engineering, MIT Manipal, organized an invited lecture on 10 April 2026 on Ocean Early Warning and Advisory Services.

The session was delivered by Dr T M Balakrishnan Nair, Director, Indian National Centre for Ocean Information Services (INCOIS), Ministry of Earth Sciences, Government of India.

Dr Nair presented an overview of India's advancements in operational oceanography and the critical role of ocean information services in disaster preparedness and sustainable coastal development. He discussed INCOIS's real-time forecasting systems, tsunami early warning mechanisms, ocean state forecasts, and advisory services that support fisheries, navigation, coastal management, and disaster risk reduction. The lecture also highlighted the integration of satellite

observations, ocean monitoring systems, numerical modelling, and data-driven forecasting to deliver timely and reliable advisories. Emphasizing the institute's "Science to Society" approach, Dr Nair demonstrated how scientific research is translated into practical services that benefit coastal communities and strengthen resilience against marine hazards.



Guest Talk on ADVANCES IN GENE THERAPY & AAV VECTOR PRODUCTION



The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized the third lecture in its Guest Talk Series on 11 April 2026.

The session, titled Producing AAV Vectors at Harvard's Grousbeck Gene Transfer, was delivered by Ms Anoushka Darga, Research Scientist at Mass Eye and Ear Infirmary, Harvard Medical School, Boston, USA. Ms Darga shared insights from her

academic and research journey spanning nutrition, biotechnology, and gene therapy. She discussed her work on cell culture studies, molecular biology techniques, and the role of Adeno-Associated Virus (AAV) vectors in gene delivery for treating genetic disorders. The session introduced participants to advanced laboratory techniques, including droplet digital PCR, qPCR, flow cytometry, western blotting, capillary electrophoresis, and other analytical tools used in modern biomedical research.

Guest Talk on RESEARCH CAREERS IN NEUROSCIENCE



The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, hosted a lecture on 18 April 2026 titled Decoding the Regulators of Neuronal Cell Death.

The session was delivered by Ms Sandra Maria Sajan, PhD researcher in Neuroscience at the University of Aberdeen. Drawing on her research experience, Ms Sajan discussed current advances in neuroscience, focusing on neuronal cell death, neurotoxicity, and the regulation of caspase-3.

She also explained experimental techniques used in neuroscience research and highlighted the interdisciplinary skills required for careers in the field.

Beyond her scientific work, the speaker shared practical advice on building a successful research career, emphasizing the importance of internships, mentorship, networking, publications, effective science communication, and maintaining a strong academic profile.

Guest Talk on PRODUCING AAV VECTORS AT HARVARD'S GROUSBECK GENE TRANSFER



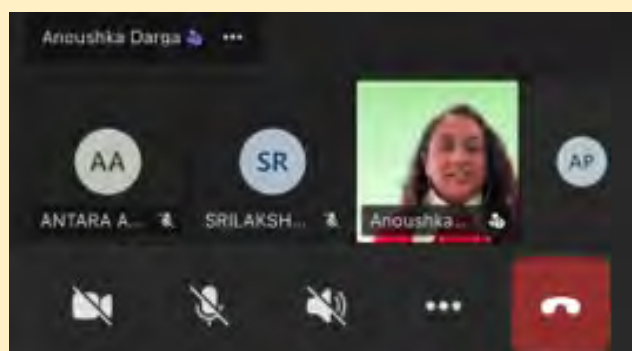
The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized a guest talk on 11 April 2026. The session was led by Ms. Anoushka Darga, Research Scientist at Mass Eye and Ear, Harvard Medical School, Boston, USA.

The central part of the talk focused on gene therapy and the use of adeno-associated viruses (AAVs) as vectors for gene delivery. Ms Darga explained how gene replacement is being used to address conditions such as spinal muscular atrophy, certain forms of blindness, and haemophilia. She also introduced gene silencing using siRNA and gene editing through CRISPR-Cas9.

Students received an overview of the AAV vector-production workflow, from plasmid preparation and suspension-cell cultivation to quality-control testing. Ms. Darga introduced several techniques used in molecular biology laboratories, including ddPCR, qPCR, Western blotting and SDS-PAGE, flow

cytometry, capillary electrophoresis, and MSD assays. She also briefly discussed the US-11 Project, which examines how viral proteins interfere with antiviral responses in host cells.

The talk gave participants a clear view of AAV vector production, current gene-therapy applications, and the day-to-day demands of biomedical research. It also offered students an honest and encouraging perspective on preparing for careers in a rapidly developing field.



Guest Talk on DECODING THE REGULATORS OF NEURONAL CELL DEATH



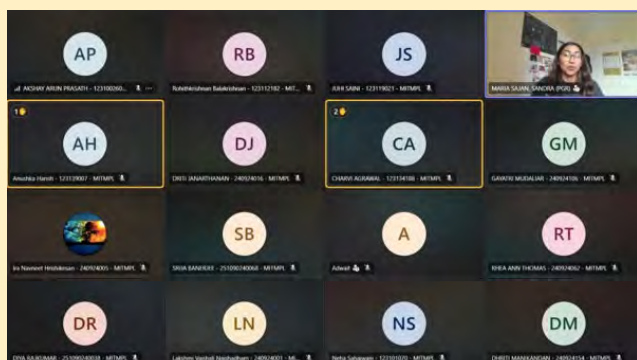
The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized a guest talk on 18 April 2026. The session was led by Ms Sandra Maria Sajan, a PhD researcher in Neuroscience at the University of Aberdeen, science communicator, and content creator.

Ms Juhi Saini opened the session by introducing the speaker and her research background. Ms Sajan holds a Bachelor of Pharmacy (Honours) in Pharmacology from BITS Pilani, Hyderabad Campus. During her undergraduate studies at the Kulkarni Lab, she investigated neurological complications associated with chronic kidney disease. This

experience played an important role in shaping her interest in neuroscience. She is currently pursuing an PhD funded by EASTBIO at the University of Aberdeen.

Ms Sandra Sajan's research examines neuronal cell death, neurotoxicity, and brain disorders, with a particular focus on the regulation of caspase-3 in neurons. She explained how caspase-3 can contribute to processes such as axonal branching without causing cell death and discussed the cellular recycling mechanisms that help protect neurons. Her experimental work involves primary mouse cortical cultures, through which cortical cells are isolated and studied under controlled laboratory conditions.

During the session, Ms Sajan offered practical advice on building a strong academic profile. She encouraged students to explore their interests through internships, summer projects, coursework, and online learning. She also emphasized networking with professors and senior students, documenting achievements, and keeping one's CV updated. Mentorship was another important focus. Ms Sajan highlighted the need for students to work on public engagement, communication skills, and



research acumen. Discussing preparation for neuroscience careers, Ms Sajan stressed the importance of a strong foundation in biology. Depending on the area of specialization, students may also require skills in cell culture, precise surgical techniques, animal behavioural studies, or programming. Regularly reading research papers

and seeking guidance from mentors can further strengthen these skills.

The session gave students practical direction on exploring their interests, strengthening applications, developing technical expertise, and communicating their work with confidence.

Guest Talk on 'From the Pool to the Lab' –

MY JOURNEY FROM PROFESSIONAL SWIMMING TO CANCER BIOLOGY RESEARCH



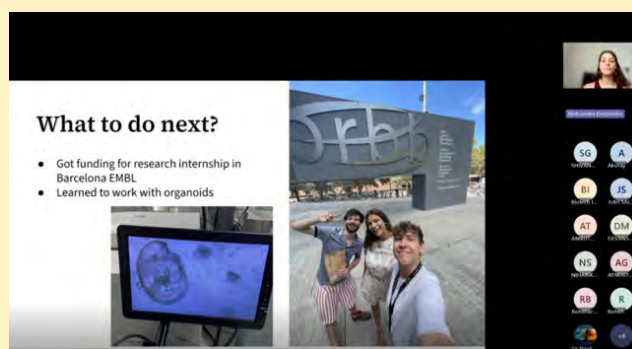
The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized a guest talk on 26 June 2026. The session featured Ms. Aleksandra Denisenko, a cancer biology researcher in the United Kingdom with previous research experience at Harvard Medical School.

Ms Denisenko began by reflecting on her undergraduate years, during which she balanced academics with the demands of competitive swimming. Encouraged by a friend, she applied to several research laboratories. Despite facing repeated rejections, she continued applying and eventually secured an opportunity in Professor Sean Megason's laboratory at the Department of Systems Biology, Harvard Medical School. Her first research project examined how Rho GTPases regulate cell migration and tissue fluidity during embryonic development. Under the guidance of Dr Rica Garner, she developed skills in experimental design, laboratory techniques, and scientific reasoning.

Ms Denisenko explained how advanced fluorescence microscopy and three-dimensional reconstruction were used to observe cell migration, cell division, and tissue organization. Mathematical modelling and MATLAB-based analysis supported the quantitative study of cellular behaviour and tissue dynamics. Her experience demonstrated how experimental and computational approaches can

work together to answer complex biological questions. She later completed a research internship at the European Molecular Biology Laboratory in Barcelona, where she gained experience working with organoids and expanded her understanding of developmental biology.

The session also covered differences between doctoral programmes across regions. Ms. Denisenko explained that PhD programmes in the United Kingdom and Europe are generally based on defined research projects, with students joining a laboratory for a focused period of three to four years. In contrast, programmes in the United States often include coursework and laboratory rotations before students select a research group, offering greater flexibility. The session offered students an honest account of entering research, responding to rejection, developing interdisciplinary skills, and choosing higher-education pathways with confidence.



Guest talk on

QUANTUM COMPUTING, RESEARCH INFRASTRUCTURE



The School of Computer Engineering organized a talk on "Quantum Computing, Research Infrastructure, and the Future of Engineering Careers" on 08 April 2026.

The resource person for the talk was Dr K T Satyajith, Director, IMJ Institute of Research, Head, Department of ΔQ (Delta Q), Moodlakatte, Kundapura, Udupi.

Expert Talk on
SEMICONDUCTOR DEVICES & CIRCUITS



The School of Electrical Engineering, Manipal Institute of Technology (MIT), MAHE organized an invited expert lecture on "Semiconductor Devices and Circuits" on 13 May 2026. The session was delivered by Dr Stephen K O'Leary, Professor of Electrical Engineering in the School of Engineering at UBC Okanagan.

Dr O'Leary is a distinguished researcher with expertise in silicon-germanium (SiGe) devices, III-V semiconductor materials, device modeling, photovoltaic systems, and nanoelectronics. During the lecture, he shared insights into recent developments in semiconductor device physics, advanced circuit technologies, and emerging research directions.

The talk highlighted the role of semiconductor innovations in enabling next-generation electronic



Dr Stephen K O'Leary,
Professor of Electrical Engineering
School of Engineering
UBC Okanagan, Canada

and communication systems, while encouraging participants to explore cutting-edge research opportunities in the field.

The event was conducted under the guidance of Dr Jayalakshmi N S and coordinated by Dr Shounak De and Dr Arjun Sunil Rao, with support from the School of Electrical Engineering. It provided students, researchers, and faculty members with valuable exposure to international research perspectives and fostered academic interaction with a globally recognized expert in semiconductor technology.

Lecture Session on
THE INNER SANCTUM OF SHIVA



The School of Electrical Engineering, MIT, MAHE, Manipal in association with alumni cell and Public and international relations, MIT jointly organized an insightful lecture session titled "The Inner Sanctum of Shiva" on 02 May 2026. The session was delivered by Dr Ajit Kumar Verma, Professor at the Western Norway University of Applied Sciences, Norway, and International Faculty, MIT Manipal. Approximately 35 faculty members and research scholars attended the programme.

Dr Verma presented a unique blend of scientific inquiry and spiritual philosophy by sharing his four decades of exploration across the Himalayas and Trans-Himalayas. The lecture highlighted sacred pilgrimage locations including Adi Kailash, the Sapta Rishi Caves, and the origins of the Ganga and Indus rivers, while discussing their cultural and spiritual significance. The session concluded with



Dr Ajit Kumar Verma
Professor (Technical Safety)
Western Norway University
of Applied Sciences,
Norway
&
International Faculty,
MIT Manipal

an interactive discussion in which participants raised questions on Himalayan expeditions, spirituality, and philosophical aspects of human existence. The program offered participants a distinctive perspective integrating scientific thinking with ancient spiritual traditions. Dr Soumya Ranjan Das coordinated the session, which was conducted under the guidance of Dr Jayalakshmi N S, Senior Professor and Dean, School of Electrical Engineering.

Webinar on Computational Intelligence Framework for OPTIMAL MAINTENANCE OF LARGE ENGINEERING SYSTEMS



Dr Ajit Kumar Verma, Professor (Technical Safety), Western Norway University of Applied Sciences, Norway, and International Faculty, MIT Manipal, delivered an invited webinar titled "A Computational Intelligence Framework for Optimal Maintenance of Large Engineering Systems" on 20 June 2026 as part of the Asset Management Society, India (AMSI) Webinar Series-2026.



Dr Ajit Kumar Verma
Professor (Technical Safety)
Western Norway University
of Applied Sciences,
Norway
&
International Faculty,
MIT Manipal

The webinar focused on the application of computational intelligence techniques including artificial intelligence, machine learning, fuzzy logic, predictive analytics, condition monitoring, failure prediction, and risk assessment for optimizing maintenance strategies in complex

engineering systems. The session emphasized improving system reliability, availability, maintainability, safety (RAMS), reducing operational costs, extending asset life, and enabling intelligent asset management through data-driven decision-making.

Alumni Talk on BRIDGING ACADEMIC LEARNING & INDUSTRY EXPECTATIONS



The School of Electrical Engineering, MIT Manipal, organized an alumni talk on 10 April 2026 featuring Mr Ashish Sharma, who shared his journey from being a student at MIT Manipal. Mr Sharma is currently a Silicon Memory Validation Engineer at Ampere Computing.

The session provided valuable insights into the transition from academic learning to professional careers in hardware engineering. There were 60 participants for the program.

The session emphasized the importance of core knowledge, Essential Skills, Industry Insight, Graduate Expectations, Career Guidance and Future Readiness. The session was highly informative and inspiring, offering students a clear



perspective on industry practices and expectations. It motivated participants to strengthen their technical foundation, pursue practical projects, and prepare strategically for careers in hardware engineering.

Alumni talk on CHIPTALK - ANALOG DESIGN CAREERS



ChipMIT hosted an interactive "ChipTalk" session on 20 June 2026, with Mr Deepanshu Dewangan and Mr Dhruvajit Ghosh, Analog Design Engineers at Texas Instruments. Mr Dhruvajit Ghosh is an alumnus of MIT, Manipal (Batch of 2021).

The session focused on career trajectories, skill development, and industry trends in Analog and Mixed-Signal Design. It provided students with a roadmap for pursuing higher education, securing industry roles, and understanding the current

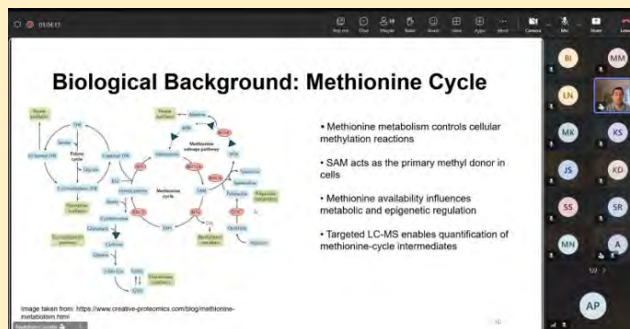
global semiconductor boom. Key Highlights from the Speakers included Navigating the VLSI Landscape & Higher Education, MS in the US, Diverse Industry roles, Skill Evolution, Analog Design & Soft Skills and Industry Mindset.

More than 80 students, including a few students from MIT Bangalore campus, participated in the event. Dr Pallavi R Mane and Dr Seniorita Deb discussed key milestones and their alignment with industry requirements.

Mr Ajaatshatru Sisodia, a 2023 BTech Biotechnology alumnus, delivered an alumni talk on his transition from biotechnology to bioengineering and the opportunities that shaped his research career. He completed his master's degree at the University of California, San Diego (UCSD), and currently works as a Research Assistant at Scripps Research.

Mr Sisodia began by describing how his early interest in industry gradually developed into a research-focused career. Internships at pharmaceutical companies, including Zydus, gave him valuable industry exposure. Having experienced both industry and academia, he found research better aligned with his goals. He encouraged students to explore different fields through internships, projects, and practical experience before choosing a career path.

Mr Sisodia spoke about the benefits of studying in an international research environment, including access to advanced facilities, interdisciplinary collaboration, and wider career opportunities. He explained that he chose UCSD for its strong academic reputation, established research ecosystem, and location within a major biotechnology hub. He advised students to consider research infrastructure, programme suitability, university rankings, and employment prospects



when selecting an institution. Drawing from his own experience as Head of HR at IEBT, founder of Manipal Bioverse, researcher, and industry intern, he explained that a strong application should connect varied experiences through a clear and coherent narrative. He also stressed the importance of planning application timelines and preparing early for examinations such as IELTS and GRE.

Mr Sisodia then introduced participants to his research in immunology, metabolomics, and RNA biology. He explained the methionine cycle and stable isotope tracing, describing how LC-MS-based methods can be used to study metabolism and measure metabolic flux. He also discussed his work with primary immune cells and the use of imaging techniques in laboratory research.

The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized an alumni talk on 13 June 2026. The session featured Mr Nachiket Kelkar, a scientist at the National Institute on Deafness and Other Communication Disorders, part of the National Institutes of Health in Maryland, USA.

Mr Kelkar began by sharing his journey from studying biotechnology at Manipal to working at the NIH. He described how his interest developed at the intersection of biology, healthcare, and technology. He encouraged students to build a strong foundation in biochemistry, immunology, genomics, health diagnostics, and nanomedicine while gaining experience through internships, online courses, extracurricular activities, and research publications. A central theme of the talk was the value of becoming a "hybrid scientist" with skills in both wet-lab and dry-lab research.

Mr Kelkar explained how laboratory techniques, coding, bioinformatics, and computational analysis support one another in modern biotechnology. Even a basic working knowledge of both areas, he noted, can help students develop a versatile profile for careers in academia and industry.

Mr Kelkar also reflected on his master's studies in Biochemistry and Molecular Biology at Johns Hopkins University. He offered practical guidance on applying to international universities, emphasizing early preparation, strong letters of recommendation, research experience, publications, and relevant standardized examinations.

The technical discussion covered his work on tumour hypoxia, therapeutic resistance in breast and prostate cancers, chromatin regulation, and cancer genomics. Drawing on examples from his thesis, he explained how molecular research can

inform treatment strategies and contribute to better patient outcomes.

Mr Kelkar then introduced students to his current work at the NIH, where he applies genomics and computational biology to the study of hearing loss and communication disorders. He discussed advanced sequencing technologies, genomic library preparation, and large-scale data analysis used to investigate disease mechanisms.

The session concluded with an interactive discussion on higher education abroad, research opportunities, publication strategies, career pathways, and the skills required in modern life



sciences. The organizers presented a token of gratitude to Mr Kelkar in appreciation of his time and insights.

Alumni talk on 'Finding the Right Formula' – **MY JOURNEY FROM PLANT CELLS TO ORGANOIDS**



The Institution of Engineers (Biotechnology), Manipal Chapter, organized an alumni talk on 15 June 2026. The session featured Mr Neil Dakshini, an alumnus of the Biotechnology programme at MIT Manipal and a researcher at Helmholtz Munich, Germany. Mr Dakshini began by reflecting on his undergraduate years at MIT Manipal. His interest in genetics and molecular biology led him to study biotechnology, although the COVID-19 pandemic limited his access to laboratory training during part of the programme. He later gained practical research experience at the Bhabha Atomic Research Centre, where he worked on the molecular characterization of mutant chickpea plants. The project introduced him to techniques such as PCR and strengthened his interest in pursuing research and higher education.

Speaking about master's programmes abroad, Mr Dakshini encouraged students to prioritize their research interests and career goals over institutional prestige alone. He noted that selecting the right programme requires careful consideration of its academic content, research opportunities, and alignment with one's long-term plans. Laboratory rotations played an important role in helping him identify his interests. During these rotations, he explored *Drosophila* genetics, machine learning, mathematical modelling, and embryoid-body research. These varied experiences allowed him to develop skills across disciplines before choosing a more focused research direction.

Mr Dakshini also discussed his current work at Helmholtz Munich, where he studies respiratory epithelial cells and their involvement in cystic fibrosis, asthma, chronic obstructive pulmonary disease, and primary ciliary dyskinesia. His research uses advanced cell-based systems to investigate disease mechanisms and better understand respiratory health.

Highlighting the interdisciplinary nature of modern biology, Mr Dakshini emphasized the value of computational skills, statistics, molecular biology techniques, and cell-culture experience. Developing a combination of these skills, he explained, can help students adapt to changing research needs and pursue opportunities across biotechnology. The talk offered students an honest account of how research interests develop over time.



Alumni talk on BIOTECHNOLOGY CAREER DEVELOPMENT & RESEARCH OPPORTUNITIES



The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized an alumni talk on 16 June 2026. The session featured Ms Aiswarya Udayakumar, who holds a master's degree in Biochemistry from the University of Oxford and works as a freelance scientific writer and life sciences consultant.



Ms Udayakumar began by discussing her academic, research, and consulting experience, including her time at Oxford. She spoke about academics, internships, higher education, research opportunities, and the importance of exploring different career paths. She also shared how her involvement in student clubs and cultural activities helped her develop leadership and interpersonal skills while maintaining a strong academic record. She encouraged students to maintain a good GPA while actively pursuing internships and research

experience. Reflecting on her application to the University of Oxford, she described the process of contacting professors, speaking with laboratory members, preparing a research-focused CV, and writing a clear personal statement. She emphasized that securing international opportunities often requires persistence and the ability to move forward after rejection.

The scientific discussion focused on her research using *Drosophila melanogaster*. She studied the relationship between immune signalling and intestinal stem-cell proliferation, with relevance to mechanisms involved in human gastrointestinal disorders. Her work demonstrated how model organisms can help researchers investigate complex biological processes.

During the interactive segment, students asked about moving from laboratory research into business-oriented careers. Ms Udayakumar explained that research develops transferable skills such as analytical thinking, scientific communication, and problem-solving.

These abilities can support careers in consulting, industry, and science communication, as well as conventional academic research. The talk offered practical guidance on building a research profile, applying for international programs, selecting supportive laboratories, and pursuing careers both within and beyond biotechnology research.

Alumni talk on ONE DEGREE, MANY POSSIBILITIES



The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized an alumni talk on 27 June 2026. The session featured Ms Nimeesha Vellara, a Water/Wastewater Engineer at Mott MacDonald in Pennsylvania, USA, and an alumna of the 2018-2022 BTech Biotechnology batch.

Ms Vellara began by sharing her academic journey and the reasons she chose biotechnology. The programme allowed her to pursue a minor in environmental sciences, which helped direct her career towards water and wastewater engineering. She explained that a biotechnology degree can lead to opportunities beyond conventional laboratory roles, including systems design, plant operations, environmental engineering, and water-treatment



infrastructure. At Mott MacDonald, she has contributed to large-scale projects, including tunnel systems designed to improve the water quality of rivers in Pittsburgh.

Ms Vellara encouraged students to seek experience beyond familiar settings. Recalling an internship

during which she worked with an Australian colleague, Ms Vellara described how exposure to international environmental policies broadened her understanding of the field. Her experience with the college placement cell also showed her the limited number of on-campus roles available to biotechnology students, reinforcing the need to explore opportunities independently. Building a professional presence early was another key recommendation. She encouraged students to maintain updated LinkedIn profiles, connect with people in their areas of interest, and apply for

suitable opportunities without rejecting themselves in advance. Ms Vellara identified networking as an essential professional skill. Conferences and professional organizations have supported her own career development, and she encouraged students to identify relevant associations and participate actively in their events and communities. She concluded by reminding students that consistent effort, thoughtful planning, and the willingness to ask questions can create opportunities across fields.

Alumni Talk on FROM CELLS TO SYSTEMS



The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, organized an alumni talk on 19 June 2026. The session featured Mr Shravan Balasubramaniam, a scientist at the Center for Cellular Engineering, National Institutes of Health Clinical Center, Bethesda, Maryland.



An alumnus of Manipal Institute of Technology, Mr Balasubramaniam later completed his master's degree at Johns Hopkins University, where his research focused on protein localization and biomolecular condensate formation.

Mr Balasubramaniam began by sharing his academic and professional journey across research, entrepreneurship, and industry. Reflecting on his experience with Manipal BioMachines and other professional roles, he explained that careers in biotechnology do not always follow a fixed path. Students can build meaningful careers by gaining varied experience, developing expertise, and learning to communicate scientific ideas clearly.

The speaker encouraged students to discuss the challenges they encountered during projects, including failed attempts and the troubleshooting used to address them. Such experiences, he noted, can demonstrate adaptability, persistence, and practical problem-solving. Sharing insights into international education and employment, he emphasized the importance of making informed decisions based on personal interests and long-term aspirations.

The session offered students practical guidance on career planning, application preparation, and skill development while providing an honest perspective on the varied opportunities available in modern biotechnology.

Alumni Talk on HIGH-SPEED SERIAL I/O FUNDAMENTALS



Mr Vishal Narayana Raju, an alumnus of the MTech Microelectronics programme at MIT Manipal, delivered sessions as part of the Alumni Lecture Series on High-Speed Serial I/O Fundamentals, on 15 and 17 April 2026. The event introduced participants to modern high-speed wireline communication used in SoCs, FPGAs, CPUs, GPUs,

networking and data-center hardware. The event was coordinated by Dr Rahul Ratnakumar. There were 85 participants. The session highlighted topics including Parallel versus Serial Communication, Serializer / Deserializer, Clock and Data Recovery (CDR) and Encoding and Error Detection.

COLLABORATION

MIT – Centre of Excellence SpaceTech Foundation



Manipal Institute of Technology (MIT), MAHE, through its Aeronautical Engineering program under the School of Mechanical Engineering, has entered a strategic collaboration with the Centre of Excellence (CoE) SpaceTech Foundation, Bengaluru, to advance research and technology development in aerospace and emerging space technologies. The collaboration was formalized by Dr Srinivas G, Manipal Institute of Technology (MIT), and Dr Manas K Paul, Manipal School of Life Sciences (MSLS), bringing together complementary expertise in aerospace engineering and space life sciences.

The collaboration will leverage MIT's capabilities in aeronautical and aerospace engineering for research in space systems, microgravity platforms, payload development, fluid and thermal management, propulsion, computational

modelling, and in-space biomanufacturing. The partnership provides a multidisciplinary platform integrating MIT's aerospace engineering expertise with MSLS's strengths in space biology, enabling innovative research for microgravity-based experiments, space-based biomanufacturing, and future space missions.



Institution of Engineers (Biotechnology) Journal Club Session 2026



The Institution of Engineers (Biotechnology), Manipal Chapter, in association with the School of Civil and Chemical Engineering, MIT Manipal, conducted a journal club session on 04 April 2026.

Mr Akshay Arun Prasanth, a third-year BTech Biotechnology student, Team Leader at Manipal Biomachines, and Head of Photography and Videography at IE-Bt, presented the paper "Behavioural and Physiological Signatures of Chronic Unpredictable Mild Stress Models in Mice." The presentation examined the neurobiological basis of depression, with a focus on Major Depressive Disorder, one of the most prevalent mental health conditions worldwide. The study used the Chronic Unpredictable Mild Stress (CUMS) model, an established experimental approach for investigating stress-related changes in mice. Mr Prasanth explained that the biological and genetic similarities between rodents and humans make mice useful for studying stress responses under controlled conditions.

The researchers assessed behavioural responses using the Sucrose Preference Test, Elevated Plus Maze, Nest-Building Test, Open Field Test, Tail Suspension Test, and Forced Swimming Test. Measurements of body weight, food intake, and tissue-level changes helped provide a broader understanding of the physiological effects of chronic stress. The study reported clear behavioural and physiological changes in stressed

mice, including reduced body weight and altered feeding patterns. Lower sucrose preference indicated anhedonia, while increased immobility during the Tail Suspension and Forced Swimming Tests suggested behavioural despair. The Elevated Plus Maze and Novelty-Suppressed Feeding Test also revealed anxiety-like behaviour. Among the protocols examined, CUMS 3 produced the most pronounced effects. This finding indicated that both the duration and intensity of stress can significantly influence experimental outcomes.



The faculty panel comprised Dr Archana Mahadev Rao, Assistant Professor (Senior Scale) Dr Vrunda R, Assistant Professor, Mr Rajesh J, Assistant Professor Senior Scale, Dr Bharath Raja Guru, Professor, School of Civil and Chemical Engineering.

The session offered students useful exposure to experimental neuroscience, animal models, and behavioural assessment techniques while encouraging them to evaluate research methods and findings critically.

Centre for Outdoor Studies organized The Summer in Himalayas 2026



The Summer in Himalayas 2026 program organized by the Centre for Outdoor Studies was a remarkable blend of adventure, endurance, and social responsibility, led by faculty mentor Mr Ganesh Nayak, Assistant Professor Senior Scale, School of Electrical Engineering.



The first expedition, held between 25 May and 2 June, saw a 5-member team successfully complete a challenging 50 km journey from Manali to Prashar Lake by foot. The hike was independently managed using survey maps of India and the team utilized ridge lines to traverse valleys. The team managed food and water by touching base with villages along the way and camped out everyday as a part of the expedition. The objectives of the expedition were to teach independent hiking, navigation, camping and survival skills. Based on the experience of the team, the Centre for Outdoor Studies is exploring

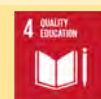
the possibility of offering an independent hiking course for students of MAHE.

The second expedition, conducted from 4 June to 13 June, involved a six-member team comprising students from MCHP and MIT. They attempted to cycle the treacherous road from Manali to Spiti Valley through Kunzum La at 4550m. Within just 100 km, the road ascended from 2500 m to 4550 m, making it a demanding ride. The team braved countless water crossings, subzero nights, and dusty roads, with a unique achievement being the use of three custom-built bicycles assembled by the team at the Centre for Outdoor Studies lab at MIT.

The third expedition, held between 15 and 23 June, focused on sustainability and social service. The team collaborated with a local NGO at Demul village, situated at 4400 m, to help build a greenhouse for the community. During their stay, students worked alongside villagers, learning techniques such as rammed earth construction, passive solar architecture, and the use of local materials. Beyond technical skills, the team immersed themselves in the local culture, gaining an understanding of how the community survives six months of isolation during severe winters.

Together, these expeditions highlighted the spirit of exploration, technical learning, and community engagement. Students not only experienced the physical challenges of high-altitude cycling but also contributed meaningfully to sustainable development, making the program a truly holistic and impactful initiative.

Industrial Visit to KMF DAIRY - NANDINI



The Bureau of Indian Standards (BIS) Biotechnology Chapter (SC-11047), Manipal Institute of Technology, MAHE, organized an industrial visit to KMF Dairy (Nandini) in Brahmavara, Udupi. The visit formed part of the chapter's initiative to strengthen students' industrial exposure and understanding of standards-based operations.

The programme introduced students to the practical applications of biotechnology, food science, quality assurance, and hygiene management in large-scale dairy processing. During the visit, students followed the processing of milk from its arrival at the facility to the packaging of finished products. Raw milk undergoes several

quality checks, including assessments of fat content, solids-not-fat (SNF), taste, smell, colour, and possible adulteration. The facility also uses advanced analytical methods, including FTIR and NMR, for quality evaluation.

Students learned that milk typically contains approximately 3.5% fat and 8.5% SNF, with total solids maintained at around 12-13%. The plant follows FSSAI requirements and established food-safety procedures throughout its operations. The team observed the pasteurization process, in which milk is heated to 72°C for 25 seconds to reduce pathogenic microorganisms while retaining its nutritional quality. Pasteurized milk generally has

a shelf life of 24-48 hours. Long-life milk is processed at approximately 137-140°C to eliminate bacteria and spores, extending its shelf life to three to six months without preservatives. The visit also covered homogenization, which breaks down fat globules to ensure their uniform distribution throughout the milk. During separation, milk is divided into cream and skimmed components. Cream containing approximately 40-45% fat is processed in continuous churning machines to produce butter with a fat content of about 80-85%. Part of this butter is further processed into clarified milk fat products. Students also observed the production of fermented dairy products. Milk is heated to around 90°C, cooled to approximately 37°C, and inoculated with bacterial cultures to produce curd. Related products such as buttermilk

and lassi are manufactured through additional processing. The visit gave students a practical understanding of milk composition, quality testing, pasteurization, long-life processing, dairy-product manufacturing, packaging, and industrial hygiene. It connected classroom concepts with their application in a regulated production facility and highlighted the role of standards in maintaining food quality and consumer safety.



MAHE MIT NSS UNIT

NSS ACTIVITIES



MAHE MIT NSS Community Connect Program Udupi District Mathematics Teachers Conclave 2026

The MAHE MIT NSS Units, in collaboration with the School of Basic Sciences, Humanities and Management and the Udupi District Mathematics Lecturers Forum, organized the Mathematics Teachers Conclave 2026 on 22 June 2026 at MIT Manipal. The conclave brought together more than sixty mathematics lecturers from Government Pre-University Colleges across Udupi district to explore the role of Artificial Intelligence in teaching and learning.



The program was inaugurated by Dr Chandrakala C B, Joint Director, MIT Manipal, who encouraged educators to embrace emerging technologies and integrate AI-driven tools into mathematics education. Dr Sudha Kamath, Dean, School of Basic Sciences, Humanities and Management, highlighted the evolving responsibilities of teachers in a technology-driven educational landscape, while Sri Maruti K Murthy, DDP, Udupi, spoke about the enduring role of educators in shaping society. A

keynote address by Sri Deepak Raj from Amazon demonstrated practical applications of Artificial Intelligence in lesson planning, assessment, personalized learning, and academic research.

Technical sessions led by Dr Babusri Srinivas, Professor and Dr Harinakshi Kerker, Assistant Professor, School of Basic Sciences, Humanities & Management introduced participants to emerging AI tools and innovative approaches to mathematics instruction. Through interactive demonstrations and hands-on activities, participants gained practical experience in integrating AI technologies into classroom teaching and student assessment.

Mega NSS Blood Donation Camp Encourages Community Service

The MAHE MIT NSS Units organized a Mega Blood Donation Camp on 8 April 2026 at MIT Manipal, in collaboration with healthcare professionals from Kasturba Medical College. The initiative aimed to promote voluntary blood donation among students, faculty members, and staff while reinforcing the spirit of community service and social responsibility.

The camp witnessed enthusiastic participation from the MIT community, with students, NSS volunteers, faculty, and staff coming together to support the noble cause. The blood donation drive served as an important platform to raise awareness about the significance of voluntary blood donation and reaffirmed the commitment of the MAHE MIT NSS Units to promoting humanitarian values and community engagement.

FACULTY ACHIEVEMENTS

Dr Saraswati Kulkarni Secures AICTE Research Promotion Scheme Grant

Dr Saraswati Kulkarni was provisionally selected for funding under the AICTE Research Promotion Scheme (RPS) – Lab to Market initiative. Her proposal titled “Development of an Affordable Breath VOC Sensor Array System for Lung Cancer Screening” was recognized for its potential to achieve Technology Readiness Level (TRL) 6/7 and translate laboratory research into market-ready healthcare technology. The project received an approved budget of ₹36.44 lakh (with additional grant support of ₹5 lakh from MAHE), covering research contingency, field work and travel support, and research manpower.



Dr Saraswati Kulkarni

Dr Vinod Kumar Joshi receives AICTE Industry Fellowship-Semiconductor Design

Dr Vinod Kumar Joshi, Professor, School of Electrical Engineering, received the AICTE Industry Fellowship in Semiconductor Design, under which he worked at Cadence Design Systems Pvt Ltd, Bengaluru, for six months, from 2 February 2026 to 1 August 2026. The grant supports research and capacity-building activities in the area of semiconductor design and technology development.



Dr Vinod Kumar Joshi

Dr Madhusudan Kulkarni receives MRB Seed Grant Award

Dr Madhusudan Kulkarni, School of Electrical Engineering, MIT, Manipal, was awarded an MRB Seed Grant of ₹13.5 lakhs as a Co-Investigator for the interdisciplinary research project titled “An IoT-Controlled Bio-Composite Membrane Integrated Solar Air Heating System for Energy-Efficient Air Quality Management in Biomedical Applications.” The research is a collaborative initiative between MAHE and Manipal University Jaipur (MUJ), with collaborators from the Departments of Chemistry and Mechanical Engineering at MUJ.



Dr Madhusudan Kulkarni

Best Paper Award to Dr Arun P Parameswaran

Dr Arun P Parameswaran, Associate Professor, School of Electrical Engineering, received the best paper award for the paper titled “Design and simulation of intelligent and conventional PD control for dominant mode vibration suppression in smart structures” in the international conference ICMEST 2026, 13-15 March 2026, held at Sikkim Manipal Institute of Technology, Sikkim, India.



Dr Arun P Parameswaran

Dr Akash K Rao receives the IIT Mandi Young Achiever Award (YAA) 2026

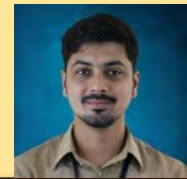
Dr Akash K Rao, School of Electrical Engineering been conferred the prestigious IIT Mandi Young Achiever Award (YAA) 2026 in the Academic Excellence category. Bestowed by IIT Mandi to recognize distinguished alumni for their exceptional accomplishments, the award acknowledges Dr Rao's sustained contributions to teaching, research, and academic leadership.



Dr Akash K Rao

Dr Arjun Sunil Rao receives the IEEE ComSoc Bangalore Chapter-Pratsahan Award

Dr Arjun Sunil Rao, School of Electrical Engineering, MIT, Manipal, received the IEEE Communications Society (ComSoc) Bangalore Chapter – Pratsahan Award 2026 for his research contributions through journal paper titled "Study of ohmic contact at Ti/ZnO interface by using electrical characteristics and KPFM analysis" and conference paper titled "Study of Electrical Characteristics with different Channel lengths of Bottom gate oxide Semiconductor based Thin Film Transistor".



Dr Arjun Sunil Rao

Dr Santosh L. Gaonkar Awarded FRSC Honor

Dr Santosh L Gaonkar, Professor, School of Basic Sciences, Humanities and Management, MIT, MAHE, has been conferred the distinguished title of Fellow of the Royal Society of Chemistry (FRSC) by the Royal Society of Chemistry, UK. This prestigious international recognition is awarded to accomplished scientists who have made outstanding contributions to the field of chemical sciences. Dr Gaonkar acknowledged the unwavering support and encouragement from MIT and MAHE, emphasizing the institution's vital role in his research journey and this notable achievement.



Dr Santosh L. Gaonkar

Best Paper Award at SCI-2026, Vietnam

Dr Raghavendra S and Dr Manoj T of the School of Computer Engineering, Manipal Institute of Technology (MIT), MAHE, received the Best Paper Award at the 8th International Conference on Smart Computing and Informatics (SCI-2026) held at Swinburne Vietnam, Hanoi, Vietnam on 28-29 April 2026.

The award was conferred for their research paper titled "Deep Learning Approaches for Explainable Rice Disease Detection Using CNNs and Vision Transformers." The work focuses on leveraging advanced deep learning techniques for explainable rice disease detection, contributing to intelligent and sustainable agricultural applications.

This international recognition highlights the quality and impact of the research and showcases MIT MAHE's commitment to excellence in artificial intelligence and smart agriculture research.



Dr Raghavendra S



Dr Manoj T

Dr Bindu S and Dr Chandrika B K won prizes at Manipal Marathon

Dr Bindu S and Dr Chandrika B K, Associate Professors, School of Electrical Engineering, secured first and second positions respectively in 10 km, respective age group MAHE categories, at the Manipal Marathon 2026.



Dr Bindu S



Dr Chandrika B K

Dr Prateek Jain won prizes at Annual MAHE Inter-Collegiate/Institutional Staff Athletic Meet

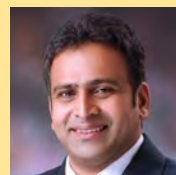
Dr Prateek Jain, Assistant Professor, School of Electrical Engineering, has secured 1st and 2nd positions in the 100 m and 400 m running events, respectively, in the Men's Open Category (Below 40 Years) at the Annual MAHE Inter-Collegiate/Institutional Staff Athletic Meet, conducted on 05 April 2026 at the End Point Athletic Ground, MAHE.



Dr Prateek Jain

Authored Book Release and other achievements of Dr Dasharathraj K Shetty

Captain Brijesh Chowta, Member of Parliament, Lok Sabha, Dakshina Kannada, and former Indian Army officer, released "The Executive AI Playbook" authored by Dr Dasharathraj K Shetty, in the presence of CA K Rajaram Shetty and Shri Manmohan Krishna. The hybrid book helps leaders bridge the AI knowledge gap through practical guidance, self-assessment quizzes, tests, and reflective exercises to improve productivity, business transformation, and organizational performance.



Dr Dasharathraj K Shetty

Other Achievements of Dr Shetty

- Delivered a session on "Leveraging AI in Research: Opportunities, Limitations and Ethics" at the PhD Orientation 2026, organized by the Centre for Doctoral Studies (CDS) and the Directorate of Research (DoR), Manipal Academy of Higher Education (MAHE), Manipal, on 26 May 2026.
- Conducted a two-day workshop on "From Idea to IP: Patents, Protection, Valuation, and CRI for Academia and Industry" on 8-9 May 2026 at Mangalore Institute of Technology and Engineering, Mangalore, India.
- Served as the Panel Lead for Panel 1, "Generative AI and the Future of Digital Innovation Ecosystems," at the 3rd IEEE Technology & Innovation Conference (TIC 2026), organized by Spectrum International University, Malaysia, on 05 June 2026
- Served as Keynote Speaker at the International Conference on Smart Electrical Systems, Electronics and Emerging Sustainable Technologies (ICSESEST-2026), organized by the Department of Electrical & Electronics Engineering, Bapuji Institute of Engineering and Technology, Davanagere, Karnataka, on 19-20 June 2026.

ENRICHING INSTITUTE LEADERSHIP DIMENSIONS



Dr Srinivas G

Assistant Director - Development

Dr Srinivas G, Associate Professor, School of Mechanical Engineering, is appointed as Assistant Director - Development for a period of one year from 03 June 2026.



Dr Divyashree M S

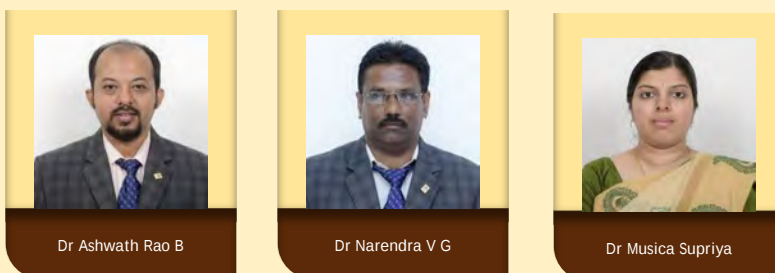
Assistant Director - Student Welfare

Dr Divyashree M S, Associate Professor, School of Civil & Chemical Engineering, is appointed as Assistant Director - Student Welfare for a period of one year from 03 June 2026.

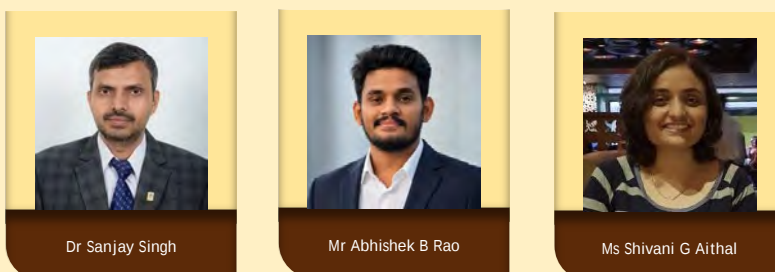
RESEARCH HIGHLIGHTS

PATENTS

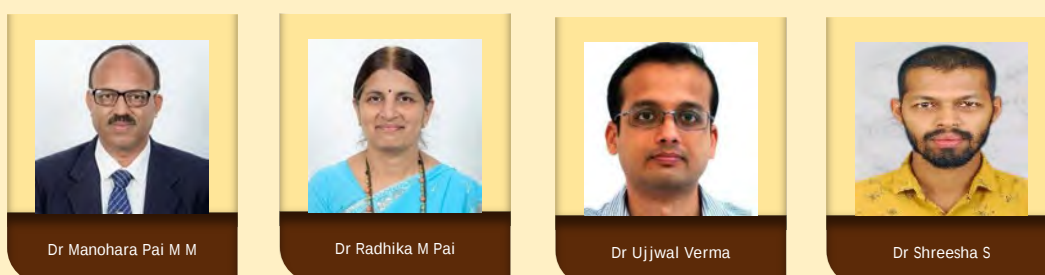
Dr Ashwath Rao B, Professor, Dr Narendra V G, Professor, and Dr Musica Supriya, Assistant Professor Senior Scale, School of Computer Engineering, have been granted an Indian patent for their research on automated language processing. The patent, titled “System and Method for Automated Sandhi Identification and Splitting,” was granted on 25 June 2026 by the Patent Office, Government of India under Patent No. 593360, with Application No. 202341057920. The invention presents an automated system and method for identifying and splitting Sandhi formations, facilitating efficient computational processing and analysis of words formed through linguistic combinations.



Dr Sanjay Singh, Professor, Mr Abhishek B Rao, Research Scholar, and Ms Shivani G Aithal, Research Scholar, School of Computer Engineering, have been granted an Indian patent for their research on automated text summarization. The patent, titled “Training Summarization Models,” was granted on 30 June 2026 by the Patent Office, Government of India under Patent No. 593765, with Application No. 202341056828. The invention focuses on methods for training summarization models, enabling efficient generation of concise and meaningful summaries from textual information and contributing to advancements in natural language processing and automated text analysis.



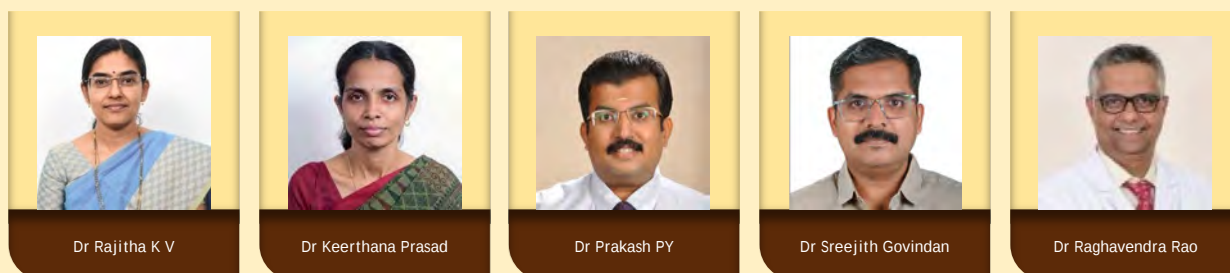
Dr Manohara Pai M M, Senior Professor, SCE, Dr Radhika M Pai, Professor, SCE, Dr Ujjwal Verma, Associate Professor, SEE, Dr Shreesha S, former Research Scholar, School of Computer Engineering, have been granted an Indian patent for their research on aquatic animal monitoring and identification. The patent, titled “Method and System for Tracking and Detection of Aquatic Animals,” was granted on 15 July 2026 by the Patent Office, Government of India under Patent No. 595521, with Application No. 202241010629. The invention presents a method and system for tracking and detecting aquatic animals, enabling efficient monitoring and identification of aquatic species through an automated technological approach.



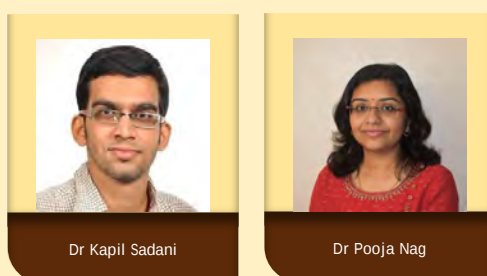
Dr Gopinatha Nayak, Professor, School of Civil & Chemical Engineering, in collaboration with Dr Adithya Shenoy, Assistant Professor, and Dr Adithya Tantri, Assistant Professor, MIT Bengaluru, has been granted an Indian patent for their research on optical sensing and material characterization. The patent, titled “Measuring Optical Transmittance of Materials,” was granted by the Patent Office, Government of India under Patent No. 586949. The invention introduces an innovative sensing apparatus and method for measuring the optical transmittance of materials under various lighting conditions, including scattered light. It also facilitates the analysis of the influence of weather, seasonal changes, and light incidence angles on material performance, contributing to advancements in material testing and optical sensing technologies.



Dr Rajitha K V, Assistant Professor Senior Scale, School of Electrical Engineering, MIT Manipal, along with her fellow co-inventors - Dr Keerthana Prasad, Professor and Head, Manipal School of Information Sciences, MAHE Manipal, Dr Prakash PY, Associate Professor, Department of Microbiology, KMC Manipal, Dr Sreejith Govindan, Associate Professor, Division of Microbiology, DBMS, MAHE Manipal, and Dr Raghavendra Rao, Professor, Department of Dermatology, Venereology and Leprosy, KMC Manipal - have been granted an Indian patent for their research on automated detection of fungal skin infections. The patent, titled “System and Method for Detecting Dermatophytosis of Subject,” was granted on 12 February 2026 by the Intellectual Property Office, India, to Manipal Academy of Higher Education under Patent No. IN580497. The invention presents an intelligent system for detecting dermatophytosis through image analysis and machine learning techniques, enabling automated diagnosis of fungal skin infections using skin scraping images.

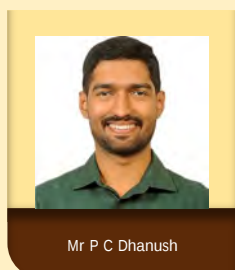
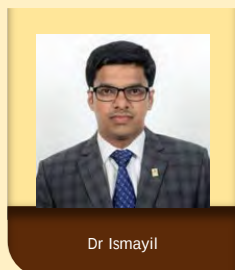


Dr Kapil Sadani, Associate Professor, School of Electrical Engineering, along with his fellow co-inventors - Dr Pooja Nag, Associate Professor, School of Mechanical Engineering, MIT Manipal, Dr Soumyo Mukherji, Professor, Department of Biosciences and Bioengineering, IIT Bombay, and Dr Suparna Mukherji, Professor, Department of Environmental Science and Engineering, IIT Bombay - has been granted an Indian patent for their research on optical fibre-based bacterial detection. The patent, titled “Optic Fiber Sensor for Detection of Antibiotic or Antibiotic-Susceptibility of Bacteria,” was granted on 29 April 2026 by the Patent Office, Government of India under Patent No. 587973. The invention introduces an optical fibre sensor-based approach for detecting antibiotics or determining the antibiotic susceptibility of bacteria, offering potential applications in rapid and efficient bacterial analysis.

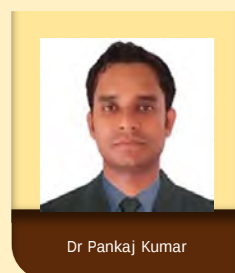


PUBLICATIONS IN HIGH IMPACT FACTOR JOURNALS

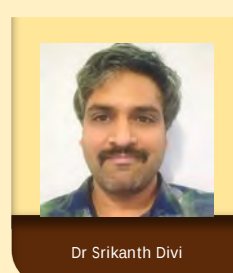
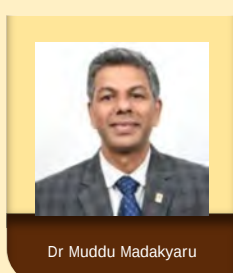
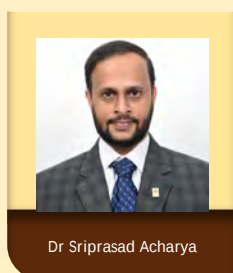
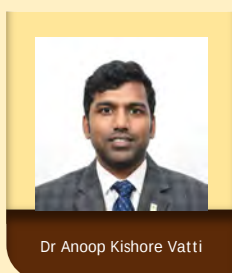
Dr Ismayil, Associate Professor, School of Basic Sciences, Humanities and Management and Mr P C Dhanush, Research Scholar published a research paper titled “Ionic Transport and Structural Analysis of Zinc Chloride Doped ι-Carrageenan Solid Polymer Electrolytes for Energy Storage Devices.” The paper was published in the Journal of Energy Storage (Elsevier), a reputed journal with an Impact Factor of 9.8 and a Scopus Percentile of 94%, placing it among the top-ranked journals in the field.



Dr Pankaj Kumar, Assistant Professor, School of Electrical Engineering has co-authored a research paper titled “NeuroTLEDNet: a novel artificial intelligence with squirrel reptilian optimization (SRO) and TLE-SegNet+ for early detection of temporal lobe epilepsy from medical imaging” published in the journal of Big Data (impact factor 10.8).



Unity Ekugbe Oluwaiye, Dr Anoop Kishore Vatti, Associate Professor, Dr Sriprasad Acharya, Assistant Professor Senior Scale, Dr Muddu Madakyaru, Professor, and Dr Srikanth Divi, Assistant Professor, School of Civil & Chemical Engineering, have co-authored a research paper titled “Functionalization of Boron Nitride Nanotubes for Hydrogen Storage Applications: A Multiscale Simulations Study,” published in the International Journal of Hydrogen Energy (Elsevier), with an Impact Factor of 8.3.



PhD AWARDEES: FACULTY MEMBERS



Dr Diwakar G Sudhakar

Assistant Professor-Senior Scale, School of Civil & Chemical Engineering, successfully defended his Doctoral thesis titled “Surrogate Safety Analysis and Risk Modelling of Entry-Circulating Vehicle Conflicts at Roundabouts Under Mixed Traffic Conditions” for the award of a PhD degree by NIT, Warangal, on 30 March 2026. The research work was guided by Prof K V R Ravishankar, Professor, National Institute of Technology Warangal.



Dr Pragya Jha

Assistant Professor, School of Computer Engineering, successfully defended her Doctoral thesis titled “Application of Model Based Testing in Healthcare System” for the award of a PhD degree by C V Raman Global University, Odisha, on 10 June 2026. The research work was guided by Dr Madhusmitha Sahu, C V Raman Global University, Bhubaneswar, Odisha.



Dr Athira Gopalakrishnan

Assistant Professor on Contract, School of Computer Engineering, successfully defended her Doctoral thesis titled “Advancing Named Entity Recognition for the Malayalam Language Through the Integration of BERT and its Variants with Machine Learning and Deep Learning Techniques” for the award of a PhD degree by Amrita Vishwa Vidyapeetham, Coimbatore, on 2 May 2026. The research work was guided by Dr K P Soman, Dean of the School of Artificial Intelligence (AI), Head and Professor, Amrita Centre for Computational Engineering and Networking (CEN), Coimbatore.



Dr Priya B Kamath

Assistant Professor Senior Scale, School of Computer Engineering, successfully defended her Doctoral thesis titled “Feature Based Classification and Summarization of Online Product Reviews” for the award of a PhD degree by MAHE, Manipal, on 19 June 2026. The research work was guided by Dr Geetha M and co-guided by Dr Dinesh Acharya, Professor, School of Computer Engineering, MIT, Manipal.



Dr Pooja S

Assistant Professor Senior Scale, School of Computer Engineering, successfully defended her Doctoral thesis titled “An AI Enabled Semantic Blockchain Solution for Recordkeeping” for the award of a PhD degree by Manipal Academy of Higher Education, Manipal, on 21 May 2026. The research work was guided by Dr Chandrakala C B, Manipal Institute of Technology, Manipal.



Dr Musica Supriya

Assistant Professor Senior Scale, School of Computer Engineering, successfully defended her Doctoral thesis titled “A machine translation system for Kannada to English and English to Kannada” for the award of a PhD degree by Manipal Academy of Higher Education, Manipal, on 28 April. The research work was guided by Dr U Dinesh Acharya and co-guided by Dr Ashalatha Nayak, Manipal Institute of Technology, Manipal.

PhD AWARDEES: FULL-TIME RESEARCH SCHOLARS



Dr Suhas K

Full-time Research Scholar, School of Mechanical Engineering, defended his Doctoral thesis titled “An Experimental Investigation on the Mechanical and Machining Characteristics of Zirconia Coated MWCNT Reinforced HDPE Composite Material” for the award of the PhD degree by MIT, Manipal, on 4 April 2026. The research work was guided by Dr Murthy B R N, Professor and co-guided by Dr Anupama R Hiremath, Associate Professor, School of Mechanical Engineering, MIT, Manipal.



Dr Wankhede Sagar Filipe

Full-time Research Scholar, School of Civil and Chemical Engineering, defended his Doctoral thesis titled “Geospatial Mapping of Glacier Facies Using Satellite Data” for the award of the PhD degree by MIT, Manipal, on 10 April 2026. The research work was guided by Dr K Balakrishna, Professor & Dean and co-guided by Dr Sridhar D Jawak, Adjunct Faculty, School of Civil and Chemical Engineering, MIT, Manipal.



Dr Sanjitha R

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended her Doctoral thesis titled “A Study on Topological Structure of Multiple Sets” for the award of the PhD degree by MIT, Manipal, on 11 April 2026. The research work was guided by Dr Baiju T, Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Ishanki Sharma

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended her Doctoral thesis titled “Synthesis and Characterization of Novel Coumarin Substituted Cyclophosphazenes for Fluorescence Studies and Their Potential Applications” for the award of the PhD degree by MIT, Manipal, on 27 April 2026. The research work was guided by Dr N V Anil Kumar, Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal and co-guided by Dr Rajeev Kumar Sinha, Associate Professor & Head, Department of Physics, Birla Institute of Technology, Mesra.



Dr N V Srihari

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended his Doctoral thesis titled “Rationale Tailoring of the Structure and Properties of Bismuth Ferrite Thin Films” for the award of the PhD degree by MIT, Manipal, on 29 April 2026. The research work was guided by Dr Nagaraja K K, Associate Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Nakul Desai

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended his Doctoral thesis titled “Design and Synthesis of Hierarchically Structured Materials for Energy Storage Applications” for the award of the PhD degree by MIT, Manipal, on 30 April 2026. The research work was guided by Dr Sudhakar Y N, Associate Professor and co-guided by Dr Selvakumar M, Associate Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Punith Bekal

Full-time Research Scholar, School of Electrical Engineering,

defended his Doctoral thesis titled “An Energy Efficient Protocol and Probabilistic Modelling for Query Driven IoT-Based Wireless Sensor Networks” for the award of the PhD degree by MIT, Manipal, on 30 April 2026. The research work was guided by Dr Pramod Kumar, Professor & Head, Department of Electronics & Communication Engineering, Central University of Karnataka and co-guided by Dr Pallavi R Mane, Professor, School of Electrical Engineering, MIT, Manipal.



Dr Pradeep Nayak

Full-time Research Scholar, School of Basic Sciences, Humanities & Management,

defended his Doctoral thesis titled “Development of Microstructure Modified Magnesium Ion Conducting Solid Blend Polymer Electrolytes for Energy Storage Device Applications” for the award of the PhD degree by MIT, Manipal, on 30 April 2026. The research work was guided by Dr Ismayil, Associate Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Pooja M

Full-time Research Scholar, School of Basic Sciences, Humanities & Management,

defended her Doctoral thesis titled “Synthesis and Characterisation of New Thermotropic Liquid Crystals with Two or Three Ring Architectures Containing 1,2,4-Oxadiazole or Cholesterol Moieties” for the award of the PhD degree by MIT, Manipal, on 30 April 2026. The research work was guided by Dr Maddasani Srinivasulu, Additional Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal and co-guided by Dr C V Yelamaggad, Scientist F, Centre for Nano and Soft Matter Sciences, Bengaluru.



Dr Ampalam Venkata Snehalatha

Full-time Research Scholar, School of Basic Sciences, Humanities & Management,

defended her Doctoral thesis titled “Synthesis of Benzo Heterocyclic Compounds and Study of Their Anti-Tubercular Activity” for the award of the PhD degree by MIT, Manipal, on 19 May 2026. The research work was guided by Dr N V Anil Kumar, Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Alfia Sayed

Full-time Research Scholar, School of Basic Sciences, Humanities & Management,

defended her Doctoral thesis titled “Augmented Reality Enabled E-Commerce Dynamics – Development of a Gen-Z Based Extended Technology Acceptance Model” for the award of the PhD degree by MIT, Manipal, on 29 May 2026. The research work was guided by Dr Asish Oommen Mathew, Associate Professor and co-guided by Dr Lewlyn Lester Raj Rodrigues, Former Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Puthran Suchitra Shankar Geeta

Full-time Research Scholar, School of Basic Sciences, Humanities & Management,

defended her Doctoral thesis titled “Synthesis and Characterization of Ge/Sb and Se/Te Co-Doped Bismuth Chalcogenide for Low and Near Room Temperature Thermoelectric Applications” for the award of the PhD degree by MIT, Manipal, on 01 June 2026. The research work was guided by Dr Ashwatha Narayana Prabhu, Associate Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Nithish Kumar R

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended his Doctoral thesis titled “r-Closed Sets and Value Sets over Finite Fields with Applications” for the award of the PhD degree by MIT, Manipal, on 6 June 2026. The research work was guided by Dr Vadiraja Bhatta G R, Professor, and co-guided by Dr Prasanna Poojary, Assistant Professor-Senior Scale, School of Basic Sciences, Humanities & Management, MIT, Manipal.



Dr Hamsashree

Full-time Research Scholar, School of Civil and Chemical Engineering, defended her Doctoral thesis titled “Mechanical and Durability Performance of One-Part Alkali-Activated Concrete Incorporating Concrete Wash Water” for the award of the PhD degree by MIT, Manipal, 09 June 2026. The research work was guided by Dr Poornachandra Pandit, Associate Professor, School of Civil and Chemical Engineering, MIT, Manipal.



Dr Prathiksha

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended her Doctoral thesis titled “Analysis of Heat Transfer on Peristaltic Transport of Biofluids” for the award of the PhD degree by MIT, Manipal, on 10 June 2026. The research work was guided by Dr Manjunatha Gudekote, Professor, School of Basic Sciences, Humanities & Management, MIT, Manipal and co-guided by Dr Rajashekhar V. Choudhari, Assistant Professor (Mathematics), School of Basic Sciences, Humanities & Management, MIT, Bengaluru.



Dr Nikita Panwar

Full-time Research Scholar, School of Basic Sciences, Humanities & Management, defended her Doctoral thesis titled “Antecedents of Green Purchase Behaviour on E-Commerce Platform - A Mixed Method Approach” for the award of the PhD degree by MIT, Manipal, on 24 June 2026. The research work was guided by Dr Dasharathraj K Shetty, Associate Professor, School of Computer Engineering and co-guided by Dr Sandeep S. Shenoy, Professor, Manipal School of Commerce and Economics, Manipal.

STUDENTS IN ACTION

Team Cryptonite Continues Winning Streak at National and International Competitions

Team Cryptonite continued to strengthen MIT Manipal's reputation in competitive cybersecurity by securing top honours at several prestigious national and international Capture the Flag (CTF) competitions.



The team finished Runner-Up at KaalChakra CTF 2026, organized by the National Forensic Sciences University, Goa Campus, earning a cash prize of ₹60,000. They also secured first place at CyberSiege CTF, conducted by Alva's Institute of Engineering and Technology, Mangaluru, and emerged champions at the international TexSAW CTF 2026, hosted by the University of Texas at Dallas, USA. In addition, Team Cryptonite claimed the Runner-Up position at TRIADA CTF '26, a 24-hour onsite cybersecurity competition featuring participants from institutions across India. The



team was guided by faculty advisor Dr Nisha P Shetty, Associate Professor, School of Computer Engineering.

Team Cryptonite Excels at BSides Bangalore 2026

Team Cryptonite, the Cybersecurity and Ethical Hacking student team at MIT Manipal, delivered a special performance at BSides Bangalore 2026. The team secured first place in both the B5CTF and W2CTF competitions, winning ₹15,000 in each event, while also claiming third place in W2CTF with an additional prize of ₹5,000. The team was guided by faculty advisor Dr Nisha P Shetty, Associate Professor, School of Computer Engineering.

Team Cryptonite Wins National Recognition at HACK IITK 2026

Team Nite Meowls from Cryptonite secured second place at HACK IITK 2026, organized by C3iHub, IIT Kanpur, competing against more than 9,000 participants representing 1,400 teams from across the country.



The team developed an innovative Local LLM-powered Policy Gap Analysis and Improvement Module, designed to automate cybersecurity policy analysis and compliance with global security standards. Their solution earned a cash prize of ₹2 lakh and demonstrated the practical application of artificial intelligence in enterprise cybersecurity. The team comprised Shaan Chopra, Pratham Shah, Aaron Fritz, and Neha Varadharajan for this and was guided by Dr Nisha P Shetty, Associate Professor, School of Computer Engineering.

thrustMIT Delivers Strong Performance at IREC 2026

The student rocketry team thrustMIT recorded an impressive performance at the International Rocket Engineering Competition (IREC) 2026. The team successfully launched a rocket powered by its own Student Researched and Developed (SRAD) solid rocket motor. The project also incorporated several technical enhancements, including an upgraded recovery system and an onboard camera to capture in-flight footage. The rocket completed a successful flight and was recovered with minimal damage.



Adding to the team's achievements, its submission to the SDL Payload Challenge received an Honorable Mention, recognizing the quality of its payload design. Among the competition highlights, thrustMIT secured 8th place worldwide in the 10K SRAD category, 34th among 140 international teams overall, and 3rd in Asia across all competition categories.

Team The Dev Nation Secures Runner-Up Position at WitchHunt Hackathon 2026

A team of students from the B.Tech Computer Science and Engineering (Artificial Intelligence & Machine Learning), Batch of 2027, achieved the First Runner-Up position in the Smart Cities Track at the WitchHunt Hackathon 2026, held during 13-14 June 2026.

The national-level hackathon organized by the HopeWorks Foundation, Bengaluru attracted over 1,250 teams from across the country. Following multiple rounds of evaluation, Team The Dev Nation advanced to the Top 40 finalists before securing the runner-up position in the Smart Cities category. The team comprised Dhyey Patel, Neha Rao, Adya Gangwal, and Suchet Amaljari.

AeroMIT Secures Top Four Global Ranking at SAE Aero Design East 2026

AeroMIT delivered impressive performance at the SAE Aero Design East 2026 competition held in Lakeland, Florida, USA, achieving a Top Four global ranking in the highly competitive Micro Class category. Competing against leading universities from around the world, the team secured 4th place overall globally, 1st in Asia, 4th in Mission Performance, and 5th in the Design Report category.



Robotics and Circuits Team Sweeps Top Honours at Tech Solstice 2026

The Robotics and Circuits (RnC) team of MIT Manipal delivered a stellar performance at Tech Solstice 2026, held at Manipal Institute of Technology, Bengaluru, securing first place in three major competitions. Competing against teams from institutions across the country, the team emerged victorious in Fastest Line Follower, Maze Runner, and Roborace, demonstrating exceptional technical expertise, innovation, and teamwork. The performance at Tech Solstice 2026 reflects the dedication, technical proficiency, and collaborative spirit of the RnC team.

Strong Performance from Project Manas at Intelligent Ground Vehicle Competition (IGVC)

Project Manas Team participated in the Intelligent Ground Vehicle Competition (IGVC) 2026 at Oakland University, Michigan, USA during 29 May – 1 June 2026. Among 24 participating teams, Project Manas received Top 2 Performer Award, fourth in Self Drive Challenge, seventh in AutoNAV Challenge and received a cash prize of USD1500.



Project Dronaid wins Media & Engagement award at BMFA Buckminster, UK

Project Dronaid team participated in the UAS challenge 2026, at BMFA Buckminster, UK during 29 June to 2 July 2026. Our team had the privilege of representing Manipal Institute of Technology at this prestigious international competition. The team won the Media and Engagement award, 22nd place globally among 54 teams and was ranked sixth in Asia.



Crescentia One Showcases Innovation at ImagiNxt 2026

Crescentia One, a MAHE-incubated startup based at the Innovation Centre, represented MIT Manipal at ImagiNxt 2026 held at the Jio World Convention Centre, Mumbai. The startup was represented by third-year students from MIT Manipal namely Sashreek Reddy, Lakshit Verma, Krishna Anand, Charan Siddhartha K, and Nikhil Pranav Kotha, and Aniruddha Narayan. During the summit, the team

showcased its technology solutions in artificial intelligence, enterprise software, business automation, mobile and web application development, and custom software engineering.

The exhibition provided an opportunity to engage with entrepreneurs, investors, industry leaders, policymakers, and technology enthusiasts from across the country. The event also marked the beta launch of one of Crescentia One's AI products, which received encouraging feedback from visitors.

Hiya Jain excels in Squash Events

Hiya Jain, a B.Tech Electronics & Communication Engineering student and Captain of the MIT and MAHE Women's Squash teams, recorded an impressive series of achievements during the 2025–26 academic year. She secured the Women's Individual Squash Championship at Revels 2025 and Revels 2026, while also winning both the Individual and Team titles at BITS Goa Spree 2025. She represented MAHE at the All-India Inter-University Squash Championship, reaching the quarterfinals, and contributed to the university team's third-place finish at the Inter-MAHE Squash Tournament.



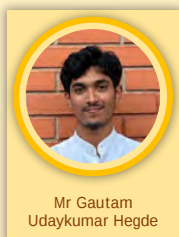
Chirantan Shalya and Omkar Sarode receive prize at IIT Madras Bootcamp 2026

Chirantan Shalya and Omkar Sarode, B Tech ECE students, School of Electrical Engineering, achieved a remarkable feat in Bootcamp 2026, the startup pitching competition organized by the E-Cell of IIT Madras. Their journey progressed through multiple competitive rounds to the finale and included an intensive mentorship program. They secured 4th position among the top 8 teams in the Fintech cohort.

Samsung PRISM Certificate of Excellence

K Tushar Vikash, Kewal Thacker, and Aniket, School of Computer Engineering have been honored with the Samsung PRISM Certificate of Excellence for their outstanding contributions to industry-sponsored research in the domain of next-generation communication networks in the month of May 2026. They were mentored by Dr Ramakrishna M. Their three research worklets: Post-Quantum Secure Call Encryption for Voice and Video in 5G/6G Networks (25NCOAM06MIT), Real-Time Fraud/Anomaly Detection for 5G/6G Calls Using NWDAF and AI (25NCOAM08MIT), and Adaptive Security Switching Framework Based on Fraud/Anomaly Detection (25NCOAM09MIT) were recognized by Samsung PRISM for their technical innovation and potential real-world impact. The team also received a cumulative cash award of ₹2,59,200.

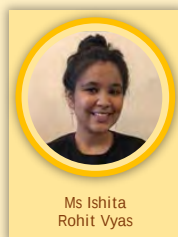
Mr Gautam Udaykumar Hegde, Mr Dumpala Sathvik Reddy and Ms Ishita Rohit Vyas, students of B.Tech ECE, have secured third position in Cisco Champions league Finals 2026, held on 10 April 2026.



Mr Gautam
Udaykumar Hegde

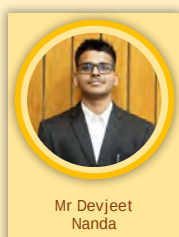


Mr Dumpala
Sathvik Reddy

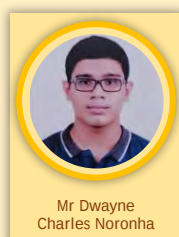


Ms Ishita
Rohit Vyas

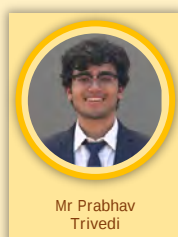
Mr Devjeet Nanda and Mr Dwayne Charles Noronha, students of B.Tech in Electronics Engineering (VLSI Design and Technology), along with **Mr Prabhav Trivedi,** student of B.Tech in ECE, have qualified to receive certification from IISc in collaboration with Lam Research for the Simulator3D (Virtual Fabrication) software. Mr Devjeet Nanda and Mr Dwayne Charles Noronha have been selected for a fully funded advanced training program at IISc Bangalore, which is a remarkable accomplishment and a testament to the success of this initiative supported by Lam Research (one of the Leading companies during Semcon's held in India and 2026 - it is recognized as a top



Mr Devjeet
Nanda



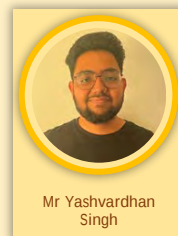
Mr Dwayne
Charles Noronha



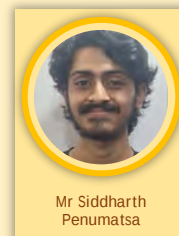
Mr Prabhav
Trivedi

semiconductor equipment manufacturer, particularly dominant in high-aspect-ratio etch, essential for 3D NAND technology). This achievement highlights the effectiveness of the collaboration with Lam Research and IISc, and the opportunities it is creating for our students in advanced semiconductor technologies.

Mr Yashvardhan Singh and Mr Siddharth Penumatsa, students of B.Tech in Electronics Engineering (VLSI Design and Technology), published a research paper titled "Comparative analysis of sense amplifier circuits for hybrid CMOS-MTJ CIM architecture" in the IEEE Journal on Exploratory Solid-State Computational Devices and Circuits, in May 2026. They were guided by Dr Prashanth Barla, School of Electrical Engineering, MIT Manipal.

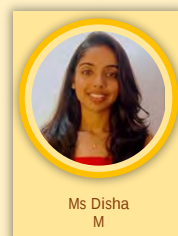


Mr Yashvardhan
Singh

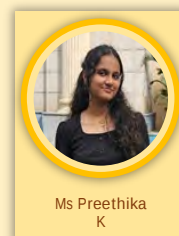


Mr Siddharth
Penumatsa

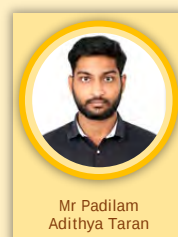
Ms Disha M, Ms Preethika K, Mr Padilam Adithya Taran and Ms Jyothsna Naveen, students of B.Tech ECE, have published a research paper titled "High-Speed Adder Design: Propagation Delay Comparison of CMOS RCA and CLA" in IEEE Xplore. The students were guided by Dr Arjun Sunil Rao, School of Electrical Engineering, MIT Manipal. Their work was presented at the IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation (IATMSI-2026), organized by the Department of Electrical and Electronics Engineering at ABV-IIITM Gwalior, in association with the IEEE Madhya Pradesh Section.



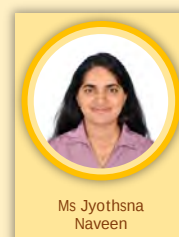
Ms Disha
M



Ms Preethika
K



Mr Padilam
Adithya Taran



Ms Jyothsna
Naveen

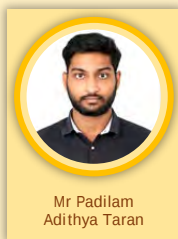
Mr Manudeep Tirunagari, Ms Manusree Tirunagari, Mr Padilam Adithya Taran and Ms Samana Nagendran, students of B.Tech ECE, have presented their research paper titled “A Study on Propagation Delay and Power Dissipation of a 2-bit CMOS Magnitude Comparator with Critical Path Evaluation” in E3S Web of Conferences (Scopus Indexed) as part of Advances in Renewable Energy & Electric Vehicles (AREEV-2026) under the ICETE 2026 Multi-Conference Platform. This work focuses on analyzing and optimizing propagation delay and power dissipation in CMOS comparators—key factors in designing efficient low-power VLSI systems. The team was guided by Dr Arjun Sunil Rao, School of Electrical Engineering, MIT Manipal.



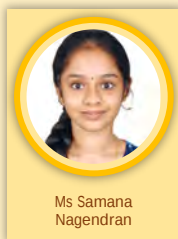
Mr Manudeep
Tirunagari



Ms Manusree
Tirunagari

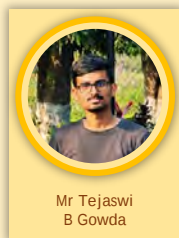


Mr Padilam
Adithya Taran



Ms Samana
Nagendran

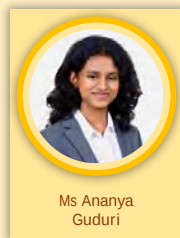
Mr Tejaswi B Gowda, Mr Akhil Charen and Ms Ananya Guduri, published their paper titled “Design and Transistor-Level Propagation Delay Analysis of a Dual-Output XOR-XNOR Gate in 90 nm Hybrid CMOS Technology” at the 4th International Conference on Computer, Electronics and Electrical Engineering and Their Applications (IC2E3-2026), organized by National Institute of Technology (NIT) Uttarakhand. The paper is co-authored by Dr Arjun Sunil Rao and Dr Bore Gowda S B, School of Electrical Engineering, MIT Manipal.



Mr Tejaswi
B Gowda



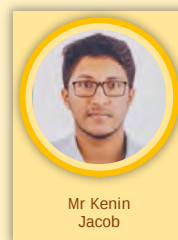
Mr Akhil
Charen



Ms Ananya
Guduri

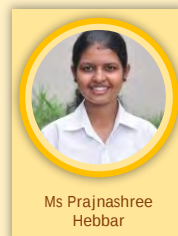
Mr Kenin Jacob, M.Tech Microelectronics, published his paper titled "Optimizing Resource Utilization by Saturation Based Image Processors Using Reversible Logic Concepts" in the conference proceedings Communications in Computer and Information Science, vol 2852. Springer, Singapore,

in May 2026. He was guided by Dr Anu Shaju Areeckal, School of Electrical Engineering, MIT Manipal.



Mr Kenin
Jacob

Ms Prajnashree Hebbar has presented a paper titled ‘Exploring the role of Isolated DC-DC Push-Pull Converters in Wind Energy Conversion System’ at the international conference INCSST during 27 to 29 June 2026. The student was guided by Dr Lakshman Rao S P, School of Electrical Engineering, MIT Manipal.



Ms Prajnashree
Hebbar

Mr Shashank Maddela, 3rd year BTech ECE student, participated in HPAIR conference as a Delegate and has demonstrated active participation in the keynote sessions on 6th February 2026. The HPAIR-2026 was held at Harvard University during 06-08 February 2026.

Mr Arnav Kapoor, 2nd year BTech (VLSI) student participated and presented a conference paper entitled “Unmasking Digital Redlining: A Systematic Review of Proxy-Inference and Algorithmic Bias” at FLAME Undergraduate Research Day 2026. The event was held at Flame University, Pune on 14 March 2026.

Mr Deepraj Bhattacharjee, 3rd year BTech ECE student, secured the position of Top Performer in Cohort 7 Level 1 under the India Semiconductor Workforce Development Program, ISWDP. He was also awarded the Samsung Fellowship for the course based on his performance.

Ms Padmashree K S, M Tech, PED student, School of Electrical Engineering presented a technical paper titled “Synergistic Control of Boost Converter Using Linear Quadratic Regulators with Integral Action” in the 2026 IEEE International Conference I3CTCON during 13-15 March 2026. The paper is co-authored by Dr Ciji Pearl Kurian, Dr Bindu S and Ms Suprabha Padiyar U.

ALUMNI MATTERS



Mr Satyam Mishra

Mr Satyam Mishra (Information Technology, Class of 2014) continues to make the MIT Manipal community proud with his remarkable achievements and unwavering commitment to advancing education. Satyam recently completed his studies at Harvard University with a perfect 4.0 GPA and was honored with the prestigious Phyllis Strimling Award for his impactful work in advancing gender equity through education. His journey also includes being a Finalist for the \$1M Global Teacher Prize (UNESCO-Varkey Foundation, 2021) and a Fulbright Distinguished Awards in Teaching Scholar (2023), a true testament to his dedication and global impact in education



Mr Arun Narayan

Mr Arun Narayan (Electronics & Communication, Class of 1993) continues to exemplify visionary leadership and professional excellence through his distinguished career in the Indian retail and jewellery industry. As the Chief Executive Officer of Tanishq, he has played a pivotal role in driving the brand's growth, strengthening its market leadership, and fostering innovation in one of India's most trusted jewellery brands. Under his leadership, Tanishq has continued to evolve, setting new benchmarks in customer experience, design excellence, and retail innovation.



Mr Ketan Kishore Mehta

Mr Ketan Kishore Mehta, a distinguished alumnus (Chemical Engineering, Class of 1991) has been nominated to the Academic Council of Indira University, Pune, in recognition of his contributions to agricultural biotechnology, sustainable agriculture, and global policy. A renowned expert in agricultural biotechnology, sustainable crop protection, and regenerative agriculture, Mr Mehta brings over 25 years of international experience spanning research, policy, and industry. As the Founder and Director of Ecosense Labs (India) Pvt Ltd, he has been instrumental in developing environmentally sustainable solutions and promoting the adoption of biopesticides and other biological inputs for agriculture. Over the course of his career, he has collaborated with leading international organizations, including the World Bank, FAO, UNEP, WHO, WTO, and the CGIAR system. He has also held leadership positions in global agricultural and biocontrol industry bodies, contributing to policy development, scientific innovation, and the advancement of sustainable agricultural practices across more than 60 countries.



Ms Sundari Pai

Ms Sundari Pai (Printing & Media Engineering, Class of 2003), a distinguished alumna of MIT Manipal, has successfully graduated from the prestigious FBI Citizens Academy in New Jersey, USA. Currently serving as Director - Procurement Department at Regeneron, New York City, Sundari was selected for this distinguished community leadership programme through a rigorous nomination and vetting process conducted by the FBI Newark Field Office. The programme provides selected community leaders with a deeper understanding of the FBI's mission, priorities, and operations while fostering stronger partnerships between the Bureau and the communities it serves. Following her graduation, Sundari has also become a member of the FBI Citizens Academy Alumni Association, joining a network of leaders committed to civic engagement and community collaboration.



Mr Bhavya Das

Mr Bhavya Das (Civil Engineering, Class of 2021), an alumnus of MIT Manipal, has achieved a significant milestone with the publication of his debut poetry collection, *How the Darkness Rhymes Crimes*, and has been honored with the prestigious 21st Century Emily Dickinson Award. Blending poetry with psychological thriller storytelling, the collection presents a compelling narrative through 21 interconnected poems that gradually unravel mystery, emotion, and the complexities of the human mind. Bhavya's distinctive literary voice and innovative approach have earned him international recognition, marking an impressive beginning to his journey as an author. His accomplishment is a testament to the diverse talents and creative pursuits of MIT Manipal alumni, demonstrating how passion and perseverance can transcend disciplinary boundaries.



Mr Vineet Relia

Mr Vineet Relia (Computer Science & Engineering, Class of 1994), an alumnus of MIT Manipal, has published his book, *Relax, It's Only a Raid: Confessions of a Crisis Manager*. Drawing on decades of real-world experience at the intersection of corporate leadership, governance, investigations, and crisis management, the book offers a compelling account of navigating high-stakes corporate challenges. Through engaging storytelling and firsthand insights, Vineet captures the complexity, intensity, and resilience required to lead organizations through moments of uncertainty and crisis. His work reflects not only his expertise as a corporate leader but also his ability to translate professional experiences into thought-provoking narratives that resonate with readers across industries.



Mr Malay A Upadhyay

Mr Malay A Upadhyay (Biotechnology, Class of 2009), an alumnus of MIT Manipal, has been recognized among the Top 10 AI Leaders to Follow in 2026, in recognition of his pioneering contributions to artificial intelligence, leadership, and executive education. A visionary at the intersection of AI and business leadership, Malay identified early on the need to equip non-technical leaders with the knowledge and frameworks required to thrive in the age of artificial intelligence. A former member of the European AI Alliance, he has played a significant role in advancing AI awareness and adoption among business leaders and decision-makers worldwide. Today, he serves as a Board Advisor at the US Artificial Intelligence Institute, Chief Operating Officer of SalesChoice, and is the author of four books on artificial intelligence. Through his pioneering work in AI management education, he has trained more than 2,000 leaders across industries and government organizations, empowering them to translate the potential of AI into meaningful business and societal impact.



Ms Arpita Aditi

Ms Arpita Aditi (Biotechnology, Class of 2014), an alumna of MIT Manipal, has reached a significant milestone in her entrepreneurial journey as Dil Foods successfully raised ₹72 crore in its Series B funding round. The funding round was led by the Bikaji Family Office, with continued participation from existing investors, including V3 Ventures, Mount Judi Ventures, and Alteria Capital. The investment reflects strong confidence in Dil Foods' vision of building the next generation of Indian food brands through innovation, operational excellence, and a customer-centric approach. Under Arpita's leadership, Dil Foods has continued to scale its business while remaining focused on long-term value creation and transforming the food services ecosystem.



Dr Ashish Nayan

Dr Ashish Nayan (Civil Engineering, Class of 2012), an alumnus of MIT Manipal, has been appointed Director at Deloitte Southeast Asia, marking a significant milestone in his distinguished professional journey. This achievement reflects Dr Nayan's expertise, leadership, and unwavering commitment to excellence across his career. His appointment is a testament to the impact that MIT Manipal alumni continue to make in global organizations, contributing to innovation, strategic growth, and industry leadership.



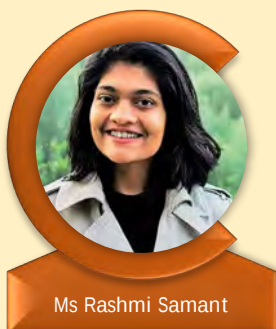
Mr Gaurav Agarwal

Mr Gaurav Agarwal (Biomedical Engineering, Class of 1996), a distinguished alumnus of MIT Manipal, has been appointed as an Office Bearer of the CII National Medical Technology Forum for 2026-27. As the Managing Director of Innvolution Healthcare Private Limited, Gaurav has been at the forefront of advancing innovation in the medical technology sector. His leadership and contributions reflect a strong commitment to developing impactful healthcare solutions and strengthening the medical technology ecosystem.



Mr Faizal E Kottikollon

Mr Faizal E Kottikollon (B.E. Civil Engineering, Batch of 1987), a distinguished alumnus of Manipal Institute of Technology, has been conferred the prestigious Doctor of Humane Letters (LHD) Honoris Causa by Gulf Medical University. The honorary doctorate recognizes his leadership, entrepreneurial excellence, and significant contributions to society through transformative initiatives in education, healthcare, industry, and wellness. This recognition highlights the global accomplishments of MIT Manipal alumni and underscores the institute's enduring legacy of nurturing leaders who make meaningful contributions across diverse fields.



Ms Rashmi Samant

Ms Rashmi Samant (B.Tech Mechanical Engineering, Batch of 2020), an alumna of Manipal Institute of Technology, has been conferred the Nadaprabhu Kempegowda Award 2026 for her contributions to Literature and Community Service. At the age of 27, she is the youngest recipient of this prestigious honor. The award recognizes her outstanding contributions to literature, community service, and public engagement through her writing, leadership of the Plava Foundation, and dedication to creating meaningful societal impact. The award was presented in the presence of the Hon'ble Vice President of India, Shri C P Radhakrishnan, along with other eminent national and state leaders.



Mr Varun Harnathka

Mr Varun Harnathka (B.Tech Chemical Engineering, Batch of 2018), an alumnus of Manipal Institute of Technology, has been promoted to Vice President – EPC Business Development & Pre-Construction at Pfister Energy, Hawthorne, New Jersey, USA. This career milestone reflects his professional excellence, leadership, and expertise in the energy sector. His appointment highlights his contributions to engineering and business development while advancing initiatives in the clean energy industry.

“ALUMNI TESTIMONIALS

"It was an excellent and truly exciting experience to visit Manipal and witness the remarkable level of development at my dream institution. I am confident that MIT will continue to nurture highly skilled technocrats who will make significant contributions to the development of India."

Mr Narsinh Mepabhai Bhuva
B.E. Chemical Engineering, Batch of 1978
Retired Director,
Patel Remedies Pvt Ltd, Junagadh



"The facilities today are far beyond what we experienced 24 years ago. The campus is truly stunning. What is even more heartening is the warmth and respect extended to alumni by the faculty. It was an honour to witness the genuine excitement and enthusiasm that filled the occasion. Thank you."

Mr Deepak Bolangady
Batch of 2002, Mechanical
Senior Manager,
Technical Documentation Leader



ALUMNI VISITS

The institute had the privilege of hosting its distinguished alumni during April-June 2026

Mr Simith Nambiar, Customer Advisory Lead – AI at SAP, alumnus of the 2002 Master of Computer Application batch, visited the institute on 02 April 2026.

Mr Viresh Nayak, Category Manager at Hewlett Packard Enterprise, alumnus of the 2001 Computer Science & Engineering batch, visited the institute on 04 April 2026.

Mr Ashish Sharma, Silicon Validation Engineer at Ampere Computing, alumnus of the 2022 Electronics and Instrumentation batch, visited the institute on 09 April 2026.

Mr Ajesh Nanu, Customer Service Engineer at Siemens Healthineers, alumnus of the 2006 Biomedical Engineering batch, visited the institute on 15 May 2026.

Mr Ganesh Kamath, Senior Scientist/CFO at Freecurve Labs, alumnus of the 2000 Chemical Engineering batch, visited the institute on 22 May 2026.

Mr Venumadhava, Functional Manager at Vantive Healthcare, alumnus of the 1999 Biomedical Engineering batch, visited the institute on 25 May 2026.

Mr A Sharan, Manager at Zepto, alumnus of the 2023 Mechanical Engineering batch, visited the institute on 27 May 2026.

Mr Atma Jyoti, Manager at Flipkart, alumnus of the 2022 Civil Engineering batch, visited the institute on 29 May 2026.

Mr Chaitanya Chiruvella, Pilot at IndiGo Airlines, alumnus of the 2014 Aeronautical Engineering batch, visited the institute on 01 June 2026.

Mr Ashish A Prabhu, Associate Professor at the National Institute of Technology Warangal, alumnus of the 2013 Biotechnology batch, visited the institute on 04 June 2026.

Mr Vinod Kamath Hosdurg, Business Head – AsPax at VisionBizGlobal Consulting, alumnus of the 2000 Computer Science & Engineering batch, visited the institute on 08 June 2026.

Mr Nitin Pandey, Section Manager at Honda Motorcycle and Scooter India Pvt Ltd, alumnus of the 2007 Industrial and Production Engineering batch, visited the institute on 17 June 2026.

Mr Aenab A Dias, Production Engineer at Ather Energy Limited, alumnus of the 2023 Mechanical Engineering batch, visited the institute on 18 June 2026.

Ms Steffi Zimran Jebaraj, Biologics Development Scientist at AbbVie, alumna of the 2020 Biomedical Engineering batch, visited the institute on 23 June 2026.

Mr Rishikesh, Software Engineer 2A at Ciena, alumnus of the 2020 Computer Science & Engineering batch, visited the institute on 24 June 2026.

Mr Kumar Deepak, Director at Deloitte, alumnus of the 2008 Industrial and Production Engineering batch, visited the institute on 25 June 2026.

Ms Swastika Jha, Specialist – Manufacturing Engineering at Eaton India Innovation Center, alumna of the 2008 Industrial and Production Engineering batch, visited the institute on 25 June 2026.

Mr Arpit Khandelwal, Senior Consultant at EY GDS, alumnus of the 2011 Electronics and Communication batch, visited the institute on 27 June 2026.

Mr Samiran Mathur, Vice President and Head – Insights & Strategy at 1DigitalStack.ai, alumnus of the 2011 Computer Science & Engineering batch, visited the institute on 27 June 2026.

Mr Arpit Goel, Lead Product Manager at Network18 Media & Investments Ltd., alumnus of the 2011 Electronics and Communication Engineering batch, visited the institute on 27 June 2026.

Mr Rajat Jairam Prabhu, Crash Simulation Engineer at Volvo Group, alumnus of the 2020 Computer Aided Analysis and Design batch, visited the institute on 27 June 2026.

APPRECIATION OF SERVICE

MIT Manipal acknowledges the immense contribution of the following personalities who recently superannuated from service.



Dr Ciji Pearl Kurian

Senior Professor
School of Electrical Engineering

Date of Joining: 17 August 1987
Date of Superannuation: 31 May 2026



Dr K V Karanth

Professor
School of Mechanical Engineering

Date of Joining: 23 July 1987
Date of Superannuation: 31 May 2026



Mr Durgadas Kamath

Deputy Engineer (Lab)
School of Electrical Engineering

Date of Joining: 12 March 1990
Date of Superannuation: 30 April 2026



Mr Devanna Nayak

Library Assistant II
LIBRARY

Date of Joining: 24 July 1989
Date of Superannuation: 30 April 2026



Mr Ashok Samanth

Senior Technician
School of Electrical Engineering

Date of Joining: 21 July 1989
Date of Superannuation: 31 May 2026



Mr Nagesh Kamath

Senior Technician
School of Electrical Engineering

Date of Joining: 25 February 1987
Date of Superannuation: 30 June 2026



Mr Harish G Kalmadi

Senior Technician (Foundry)
School of Mechanical Engineering

Date of Joining: 14 September 1988
Date of Superannuation: 30 June 2026



Mr Sadananda Nayak

Senior Technician
School of Computer Engineering

Date of Joining: 20 August 1987
Date of Superannuation: 30 June 2026

VISION

Excellence in Technical Education through Research, Innovation and Teamwork.

MISSION

Educate students professionally to face societal challenges by providing a healthy learning environment grounded well in the principles of Engineering, Research, and Teamwork.

VALUES

*Discipline
Integrity and Trust
Holistic Learning
Ethics and Professionalism
Concern for Society and Environment*

GOAL

To be a world class technical institution fostering innovation, leadership and entrepreneurial spirit.



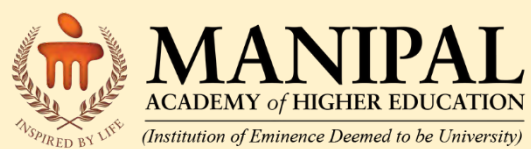
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Manipal Institute of Technology, Manipal Academy of Higher Education, Manipal 576104, Karnataka

✉ focus.mit@manipal.edu



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ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)