

Year 2024-2025

MLR Institute of Technology NEWSLETTER

October 2025 | Volume 01 | Issue 01



MLR Institute of Technology, Dundigal | Established 2005



Where ideas meet
inspiration.
Voices of today, visions
for tomorrow.

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Campus Highlights

A glimpse into our recent events, achievements, and milestones.



In Focus

Stories of innovation, creativity, and excellence from students & faculty.



Shaping Tomorrow

Nurturing skills and shaping futures to empower students for tomorrow.

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MESSAGE FROM

Chairman

Sri Marri Laxman Reddy
Chairman, MLR Institute of Technology

It gives me immense joy and pride to witness the release of another edition of the MLRIT Newsletter – a vibrant reflection of the academic excellence, innovation, and creative energy that define our institution. This publication is not merely a record of events; it is a celebration of the spirit of MLRIT – a spirit that thrives on hard work, dedication, and a relentless pursuit of knowledge.



Education, to me, is not confined to classrooms or textbooks; it is a journey of transformation that shapes young minds into responsible citizens and visionary leaders. At MLRIT, we strive to create an ecosystem that nurtures curiosity, encourages innovation, and empowers every student to dream beyond boundaries.

Each article, achievement, and initiative featured in this newsletter stands as a testimony to the collective effort of our faculty, students, and staff who continuously uphold the legacy of our institution. Their commitment to excellence fills me with immense pride and optimism for the future.

I extend my heartfelt appreciation to the editorial team for their meticulous effort in compiling and presenting this edition with such grace and creativity. May the MLRIT Newsletter continue to inspire, inform, and ignite young minds to pursue their goals with passion and purpose.

Wishing everyone continued success and enlightenment.

MESSAGE FROM

Secretary

Sri Marri Rajashekar Reddy
Secretary, MLR Institute of Technology

It is with great pleasure that I extend my warm greetings on the release of this edition of the MLRIT Newsletter. This publication beautifully captures the essence of our institution – a confluence of knowledge, creativity, and innovation that reflects the dynamic journey of our students and faculty.



The success of MLRIT lies in its unwavering commitment to excellence and its vision of fostering holistic education. Each initiative undertaken by our faculty and students showcases not only academic brilliance but also leadership, teamwork, and social responsibility. The Newsletter serves as a mirror to this vibrant academic culture – where ideas take shape, dreams take flight, and milestones are achieved through dedication and perseverance.

I wholeheartedly appreciate the sincere efforts of the editorial committee and contributors who have brought together this inspiring collection of activities and achievements. Their work stands as a reminder that communication and creativity are at the heart of every great institution.

May this edition of the MLRIT Newsletter continue to motivate every reader to aim higher, dream bigger, and contribute meaningfully to society. Together, let us continue to strengthen the legacy of MLRIT as a beacon of excellence and innovation.

My best wishes to the entire MLRIT family for their continued growth and success.

ABOUT US



MLR Institute of Technology (MLRIT), located at Dundigal, Hyderabad, Telangana, is a premier institution known for its integrated approach to education, giving equal emphasis to academics, employable skills, and sports. Established in 2005 by the KMR Education Trust under the leadership of Mr. Marri Laxman Reddy, the institute has grown into one of the most reputed engineering colleges in the region.

Affiliated with Jawaharlal Nehru Technological University, Hyderabad (JNTUH) and granted Autonomous Status by the University Grants Commission (UGC) in 2015, MLRIT offers nine undergraduate and five postgraduate programs across various fields of engineering, technology, and management. The programs include disciplines such as Computer Science, Electronics and Communication, Mechanical, Information Technology, Aeronautical, Aerospace, Artificial Intelligence, Data Science, and Business Administration, along with postgraduate specializations like Embedded Systems and Thermal Engineering.

MLRIT's curriculum is designed to bridge the gap between academics and industry by integrating practical exposure, research, and skill-based learning. The institution regularly collaborates with industry leaders, conducts training programs, and encourages innovation through project-based learning.

INSTITUTIONAL HIGHLIGHTS

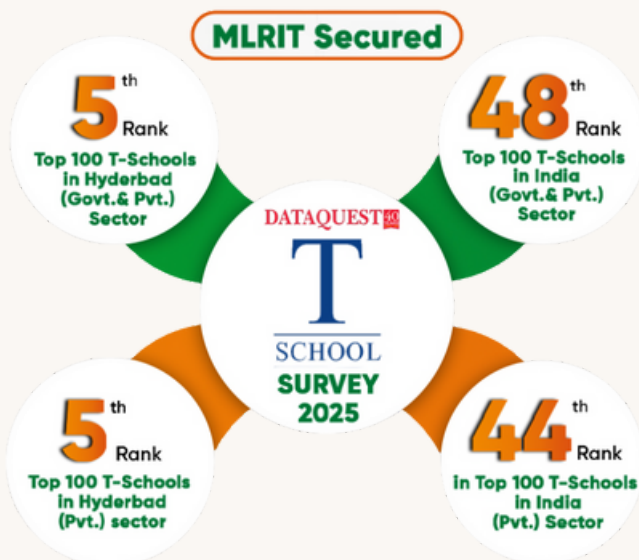
MLR Institute of Technology Excels in National Rankings – A Testament to Quality and Innovation

MLR Institute of Technology (MLRIT) has once again showcased its excellence in engineering education by achieving remarkable positions in multiple national ranking surveys for the year 2025. Known for its academic rigor, innovation, and strong placement record, the institute continues to strengthen its reputation as one of the premier engineering colleges in India.

Additionally, it stands at the 44th Rank among the Top 100 T-Schools in India (Private Sector). These achievements reflect the institution’s consistent commitment to academic excellence, technical innovation, and overall student development.

In The Week Best College Survey 2025, MLRIT has further strengthened its standing by achieving multiple distinctions. The institute has been ranked 9th in Hyderabad, 9th in Telangana, and 39th in the South Zone among Top Private Engineering Colleges. These recognitions reaffirm MLRIT’s excellence in nurturing industry-ready engineers equipped with strong technical skills and professional ethics.

In addition, the institute has been placed 6th among Top Emerging Private Engineering Colleges in India, 63rd among All India Private Engineering Colleges, and 89th among All India Government and Private Engineering Colleges. These rankings highlight MLRIT’s upward trajectory as one of the fastest-growing and most trusted institutions in the engineering education landscape.



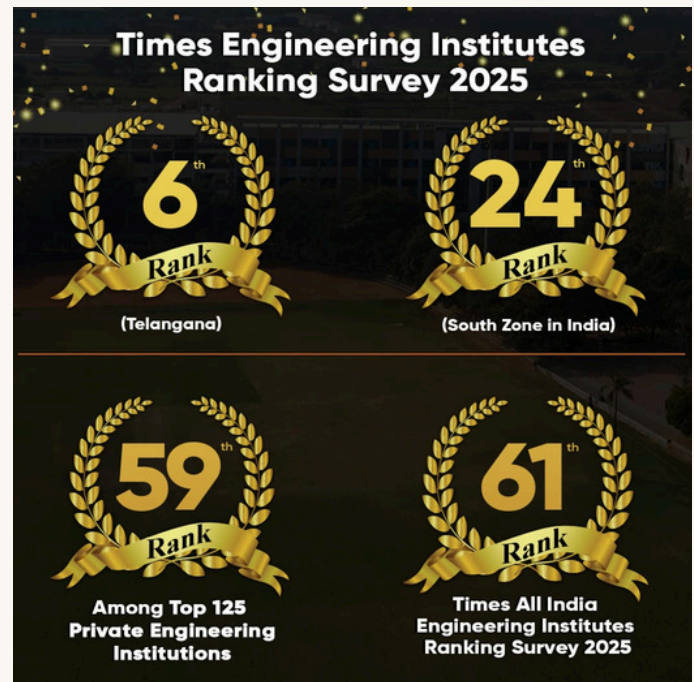
According to the DataQuest Top T-School Survey 2025, MLRIT has secured the 5th Rank in Hyderabad and an impressive 48th Rank among the Top 100 T-Schools in India (Government & Private Sector).

Adding to its list of accolades, MLRIT has been honored in the Times Engineering Institute Ranking Survey 2025, where it achieved the 6th Rank among Top Private Engineering Institutes in Telangana and 24th Rank in the South Zone (India) among the Top 125 Private Engineering Institutes.

On a national scale, MLRIT has also secured the 61st Rank among Top Private Engineering Institutes in India and the 59th Rank among Top 125 Private Engineering Institutes, a reflection of its continued dedication to academic excellence, modern infrastructure, and quality education.

These achievements are a proud reflection of MLRIT's vision to deliver world-class education, promote research-driven learning, and foster innovation. Guided by visionary leadership and supported by experienced faculty, the institution continues to provide an environment that inspires students to excel in academics and beyond.

With consistent recognition from reputed national surveys such as DataQuest, The Week, and The Times, MLRIT stands as a beacon of quality education and continues to make Hyderabad and Telangana proud. The institute's journey in 2025 marks yet another milestone.



MLRIT has been recognized with an "AAAA" ranking by Careers360. This prestigious ranking highlights the institute's commitment to academic excellence and its success in providing quality education. The "AAAA" ranking is a testament to the hard work of the faculty and students, and it solidifies MLRIT's position as a top-tier educational institution.



MLRIT has signed a Memorandum of Understanding (MoU) with QNX, a division of BlackBerry, and PI Square Technologies. This collaboration will focus on Embedded C Programming to enhance industry readiness and placement opportunities for students. This initiative reflects MLRIT's proactive approach in aligning its curriculum with industry needs and providing students with practical, in-demand skills.

On a national scale, MLRIT has also secured the 61st Rank among Top Private Engineering Institutes in India and the 59th Rank among Top 125 Private Engineering Institutes, a reflection of its continued dedication to academic excellence, modern infrastructure, and quality education.



MLRIT received the "BEST Performing Academy" award from the Cisco Networking Academy and TASK (Telangana Academy for Skill and Knowledge) on February 11, 2025. The award was given for the institute's outstanding performance and commitment to excellence in digital education.

MLR Institute of Technology proudly secured a spot in the 201-300 band in the NIRF 2025 Rankings, reflecting its commitment to academic excellence and continuous growth. With dedicated faculty and talented students, MLRIT continues to raise the bar in engineering education.



With this recognition, MLRIT continues to empower students with the skills and knowledge necessary to excel in the ever-evolving technological landscape, reaffirming its vision of shaping future-ready professionals.

MLR Institute of Technology continues to nurture excellence beyond academics by offering 170+ free seats under the Sports Quota. This initiative encourages young athletes to pursue higher education while excelling in their sporting passions.

నమస్తే తెలంగాణ

క్రీడాకారులకు బాసటగా ఎంఎల్ఆర్ఐటీ

- అంటే ప్రాథమిక విద్యార్థులకు ఇంటర్నల్లో ఉచిత ప్రవేశాలు
- జులై 2023 170 మందికి స్పోర్ట్స్ క్వోటాలో ప్రవేశాలు
- యువతలో పాటు క్రీడలకు ప్రోత్సాహం
- అంతర్జాతీయ స్థాయిలో ప్రతిభను ప్రోత్సహించుట

మొదటి ఎంఎల్ఆర్ఐటీ కళాశాల

క్రీడాకారులకు ప్రోత్సాహం చేస్తుంటే..

విద్యార్థులు యువతలో పాటు క్రీడలకు ప్రోత్సాహం చేస్తుంటే..

MLR Institute of Technology organized PRERNA at ZPHS Dundigal to ignite students' passion for science and technology. Through fun, hands-on activities and interactive learning, the programme encouraged young minds to explore and experiment with scientific concepts.

MLRIT programme makes science fun

Hyderabad: MLR Institute of Technology (MLRIT) recently organised Prerna, an outreach programme at ZPHS, Dundigal, to spark interest in science and technology among students.

నియోవేషన్-25లో ఎంఎల్ఆర్ఐటీ విద్యార్థుల ప్రతిభ

మొదటి: జాతీయ స్థాయి నియోవేషన్-25లో మంచి గ్రేడ్లలో నిర్వహించిన కళాశాల విద్యార్థుల ప్రతిభ చాలా. నాసిక్లో నిర్వహించిన ఫైనల్ రౌండ్లో టాప్-7లో ఎంఎల్ఆర్ఐటీ కళాశాలకు చెందిన సాయితురజ్ నిరంజన్ విజేష్ సింగ్ బృందం టైల్ ఫుట్ అంశం పై ప్రదర్శించిన ప్రాజెక్టుకు రూ. 5 లక్షల సీడ్ ఫండ్ సపోర్ట్తో పాటు జాతీయ స్థాయి సర్టిఫికేషన్ పొందారు. ఈ సందర్భంగా విద్యార్థులను కళాశాల సెక్రటరీ మర్రి రాజేంద్రారెడ్డి, ప్రెసిడెంట్ డాక్టర్ కె.శ్రీనివాస సారాఫ్ అభినందించారు. ఈ సందర్భంగా ముఖ్యమంత్రి తమ కళాశాలకు జాతీయ స్థాయిలో గుర్తింపు రావడం సంతోషంగా ఉందని, కళాశాలకు చెందిన సెంటర్ ఫర్ ఇన్వేషన్ అండ్ ఎంట్రప్రైజరీస్ ద్వారా విద్యార్థుల్లో సృజనాత్మకతను పెరిపిస్తూ ఉండాలని కోరుకుంటున్నారు.

నియోవేషన్-25లో పాల్గొన్న విద్యార్థుల సాయితురజ్, నిరంజన్

MLR Institute of Technology proudly secured a place among the top 10 teams in Thinkbator Cohort 7, organized by Cisco. This achievement highlights the innovative spirit, technical expertise, and collaborative skills of MLRIT students.

ఎంఎల్ఆర్ఐటీలో ఏసీఎం స్టూడెంట్ చాప్టర్ ప్రారంభం

మొదటి, సెప్టెంబర్ 14: మర్రి లక్ష్మణ్ రెడ్డి ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ (ఎంఎల్ఆర్ఐటీ)లో ఏసీఎం స్టూడెంట్ చాప్టర్ ప్రారంభం జరిగింది. ఈ సందర్భంగా ఏసీఎం స్టూడెంట్ చాప్టర్ ప్రారంభం జరిగింది. ఈ సందర్భంగా ఏసీఎం స్టూడెంట్ చాప్టర్ ప్రారంభం జరిగింది.

ఎంఎల్ఆర్ఐటీ కళాశాలలో ఏసీఎం స్టూడెంట్ చాప్టర్ ప్రారంభం

MLR Institute of Technology proudly inaugurated its ACM Student Chapter, providing students with a platform to enhance their skills in computing, programming, and research. The chapter will host workshops, competitions, and knowledge-sharing sessions, fostering innovation, collaboration, and professional growth.

DEPARTMENTAL ACHIEVEMENTS

CSE

Computer Science & Engineering:

The Department of Computer Science and Engineering at MLRIT has concluded a banner year, marked by outstanding student placements, prestigious faculty awards, and a dynamic series of workshops and events that fostered skill development and industry connections.

Departmental Initiatives: The department organized several high-impact workshops and seminars:

- **International Student Workshop on Data Science using Python** was held from Feb 19-23, 2024, in collaboration with AICTE and Brainovision, inspiring over 66,000 students.

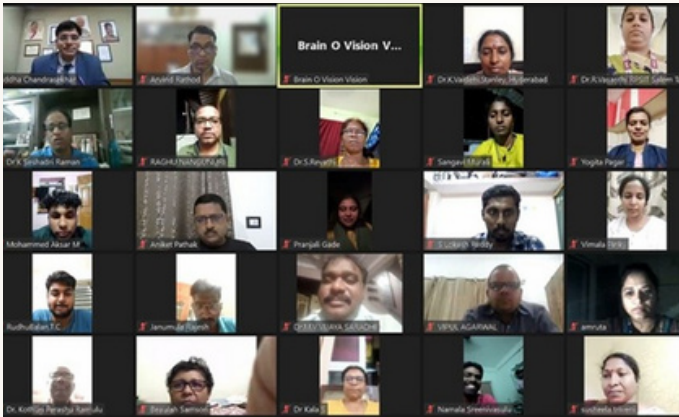
Hands-on workshops on

- **Product Development Life Cycle** (Feb 24, 2024) ,
- **DevOps Dojo** (Nov 13-14, 2024) , and
- **Decoding Snowflake** (Nov 22-23, 2024) provided students with industry-relevant skills.

Key networking events like

- **"TechConnect - Unveiling CSI"** on March 21, 2024 and advanced research techniques.
- "Industry Academia Connect" on April 8, 2024, bridged the gap between students and industry leaders from FTCCI and Talentfarm.ai.
- Multiple Faculty Development Programs were conducted on topics such as "Deep Learning and IoT Driven Smart Applications" and advanced research techniques.





- A One Week Online Faculty Development Programme on “Deep Learning and IoT Driven Smart Applications”, conducted from June 24–29, 2024, enhanced faculty expertise in emerging technologies, with participants engaging in hands-on sessions, case studies, and interactive discussions to incorporate advanced concepts into their teaching.
- The National Hackathon – Zignasa 2024, held on December 5–6, 2024, provided a competitive platform for innovators across the country to design real-world solutions, where students demonstrated creativity, technical skills, and teamwork while tackling pressing challenges, and also had the opportunity to network with industry experts, gaining insights into practical applications of technology.
- An Industrial Visit to Microsoft Office on March 29, 2025, allowed 64 second-year CSE students to attend Universal Acceptance Day 2025, featuring dignitaries like Jayesh Ranjan (Govt. of Telangana) and Samiran Gupta (ICANN).
- The Project Expo 2025, organized on June 4, 2025, showcased innovative student projects that promoted creativity, teamwork, and problem-solving.



DEPARTMENTAL ACHIEVEMENTS

CSE-AIML

Computer Science and Engineering - Artificial Intelligence and Machine Learning:

At MLR Institute of Technology has had an inspiring year filled with innovation, exploration, and excellence. The year was marked by active participation from both faculty and students, who continuously pushed the boundaries of technology and creativity.

Departmental Achievements:

- The department's faculty made their mark on the global research stage by presenting papers at IEEE and AIP conferences, showcasing cutting-edge work in Augmented Reality-based navigation systems, cloud-fog scheduling techniques, and AI-powered intelligent models.
- To spread awareness and ignite curiosity about the future of artificial intelligence, the department organized a Generative AI Awareness Session, which drew an enthusiastic audience of over 220 participants.
- The session provided valuable insights into the rapidly evolving field of AI, helping students grasp the transformative potential of technologies like ChatGPT, Midjourney, and other generative tools.
- Hands-on learning has always been at the heart of the department's approach. A 9-day AR/VR training program was conducted to give students practical exposure to immersive technologies, allowing them to design, build, and experiment with virtual and augmented reality experiences. The program not only strengthened their technical expertise but also inspired many to pursue research and innovation in extended reality (XR).

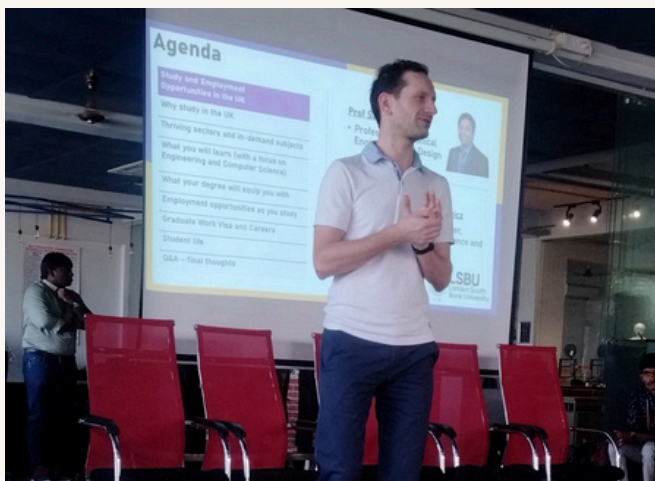


CSE-AIML

- Adding a fun yet intellectually challenging twist to learning, the department hosted the Squid Game 2.0 Hackathon Challenge, where 95 talented students participated in a high-energy coding marathon. The event encouraged teamwork, creativity, and problem-solving – qualities that are essential in shaping future innovators. Participants tackled real-world challenges through game-inspired problem statements, turning competition into a celebration of skills and ideas.
- GENESIS 2K25, held on March 28–29, 2025, was convened by Dr. K. Sai Prasad in collaboration with industry experts from Backstage Pass Institute of Gaming. The event encouraged creative project showcases and drew enthusiastic participation from both internal and external teams.



- The Flutter + Firebase Bootcamp, conducted on February 7–8, 2025, and coordinated by Dr. K. Sai Prasad, introduced students to mobile app development using Flutter and Firebase, enhancing industry-ready development skills.
- A Machine Learning and Pattern Recognition Workshop on February 13, 2025, organized by Mr. V. S. Pavan Kumar with resource persons Dr. Markiewicz and Dr. Saurav Goel, enabled students to gain hands-on experience with advanced ML algorithms and real-world applications.
- ~ The SAWiT.AI Hackathon 2025, held on February 15, 2025, and led by Ms. Jyothsna Reddy in collaboration with *Kalido Platform* and *Student Tribe*, provided a platform for participants to design AI-based solutions addressing real-world challenges.



DEPARTMENTAL ACHIEVEMENTS

CSIT

Computer Science and Information Technology:

At MLR Institute of Technology had a vibrant and productive year, marked by exceptional progress in academics, research, innovation, and student engagement. With a focus on skill development, interdisciplinary learning, and industry readiness, the department continues to nurture young minds into competent professionals and forward-thinking tech leaders.

Departmental Achievements:

- Pravaah – The Flow of Code (December 2024) To ignite the coding spirit among budding engineers, the department organized Pravaah – The Flow of Code, a dynamic event designed especially for first-year students. The initiative combined interactive workshops, coding challenges, and mentoring sessions to help students strengthen their problem-solving abilities and logical thinking. Guided by seniors and faculty, participants explored real-world programming concepts.



Advanced Tech Workshop Series '24, IIT HYDERABAD

- Faculty Development Program on Digital Marketing (in collaboration with ExcelR) Recognizing the growing importance of digital literacy in the modern world, the department conducted a Faculty Development Program (FDP) on Digital Marketing in partnership with ExcelR, one of the leading professional training institutes. The session provided faculty with in-depth exposure to SEO strategies, social media marketing, data-driven analytics, and online branding techniques, enabling them to integrate modern marketing insights into their teaching methodologies. This program empowered educators to bridge the gap between traditional learning and emerging digital practices.



- That same year, students also attended Next Wave's Generative AI Model Seminar, conducted outside MLRIT. The seminar provided exposure to advanced Generative AI technologies and offered insights into industry applications. Students learned about generative models, prompt engineering, and AI content generation techniques. This experience broadened their perspective on AI's creative and technical potential while helping them identify new career paths in the rapidly growing field of emerging technologies.
- Additionally, a group of selected CSIT students attended the ChatGPT & AI Tools Workshop held outside MLRIT in 2024. The workshop provided practical, hands-on training in leveraging ChatGPT and similar AI tools for productivity, coding assistance, and problem-solving. Students gained valuable skills in utilizing AI to enhance their learning experience.

- From May to July 2024, MLRIT hosted a program on Entrepreneurial Thinking and Design Thinking & Community-Based Design for CSIT students. The sessions were led by Dr. Ranji Vaidhyamathan from Oklahoma State University and Dr. William Oakes from Purdue University. The initiative empowered students to explore innovative and community-centered problem-solving approaches. Through this program, students developed an entrepreneurial mindset, learned design thinking methodologies, and gained a deeper understanding of community-based design. The program enhanced their innovation capabilities and prepared them for real-world project implementation.



DEPARTMENTAL ACHIEVEMENTS

CSE-DS&CS

Computer Science Engineering - Data Science & Cyber Security:

At MLR Institute of Technology celebrated a transformative year marked by faculty excellence, impactful student accomplishments, and a dedicated focus on emerging technologies and practical learning. Through a blend of workshops, industrial collaborations, and research-oriented initiatives, the department continued to strengthen its mission of nurturing data-driven innovators and cybersecurity experts equipped for the digital era.

Department Initiatives

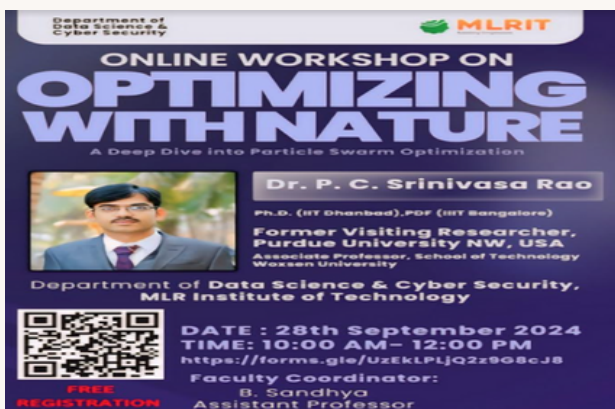
- **Advanced Workshops on Emerging Technologies:** The department organized a series of hands-on technical workshops designed to bridge the gap between theoretical knowledge and real-world application. Sessions included an in-depth exploration of Particle Swarm Optimization (PSO) – a powerful computational technique inspired by swarm intelligence used for solving complex optimization problems.





- An online workshop on “Optimizing with Nature” introduced participants to the principles and applications of swarm optimization techniques inspired by natural systems. The session focused on how collective behaviors in nature can be modeled to solve complex optimization problems efficiently. Participants gained insights into bio-inspired algorithms like Particle Swarm Optimization and Ant Colony Optimization, enhancing their understanding of nature-driven computing and its role in developing innovative and sustainable solutions.

- Additionally, a comprehensive Power BI workshop offered students practical insights into data visualization and business analytics, empowering them to transform raw datasets into meaningful, interactive dashboards. These sessions enhanced participants’ analytical thinking and technical proficiency, preparing them to handle modern data challenges effectively.
- Industrial Visit to BHEL, Ramachandrapuram: To complement classroom learning with industrial experience, the department organized an industrial visit to Bharat Heavy Electricals Limited (BHEL), Ramachandrapuram. This visit provided students with valuable exposure to real-world industrial operations, offering insights into how large-scale data systems, digital monitoring, and cybersecurity measures are integrated within manufacturing and engineering environments.



Department of Data Science & Cyber Security

ONLINE WORKSHOP ON OPTIMIZING WITH NATURE
 A Deep Dive into Particle Swarm Optimization

Dr. P. C. Srinivasa Rao
 Ph.D. (IT Dhanbad), PhD (IIT Bangalore)
 Former Visiting Researcher, Purdue University NW, USA
 Associate Professor, School of Technology, Woosen University

Department of Data Science & Cyber Security, MLR Institute of Technology

DATE : 28th September 2024
TIME: 10:00 AM - 12:00 PM
<https://forms.gle/UzEkLPLJQ2z908cJ8>
Faculty Coordinator:
 B. Sandhya
 Assistant Professor

FREE REGISTRATION



DEPARTMENTAL ACHIEVEMENTS

MBA

Master of Business Administration:

The Department of MBA at MLR Institute of Technology showcased a vibrant year filled with innovation, experiential learning, and impactful engagements that bridged academia and industry. With a strong emphasis on leadership, entrepreneurship, and strategic thinking, the department continues to nurture business-ready professionals who can lead in dynamic global environments.

Department Initiatives

- The MBA Department successfully organized its annual National Conference on “Innovations and Trends in Business Management”, serving as a distinguished platform for knowledge exchange. The event brought together eminent academicians, industry experts, and research scholars who shared valuable perspectives on contemporary challenges in business, finance, marketing. Participants presented research papers and case studies highlighting digital transformation and sustainability.
- To keep students and faculty aligned with evolving global business practices, the department conducted a series of high-impact seminars throughout the year. These included interactive sessions with entrepreneurs, corporate leaders, and startup mentors who provided insights into ideation, funding strategies, innovation ecosystems, and business scalability. A special seminar featuring a renowned entrepreneur and industry mentor offered students firsthand exposure to real-world business challenges and success stories, motivating them to think creatively and act decisively.
- Practical learning remains at the heart of the MBA curriculum. The department organized multiple hands-on workshops focused on areas such as Financial Modeling, Digital Marketing Analytics, Design Thinking, and Business Simulation Exercises. These workshops enhanced students’ analytical, strategic, and managerial skills.

DEPARTMENTAL ACHIEVEMENTS


EEE

Electrical and Electronics Engineering:

The Department of Electrical and Electronics Engineering (EEE) at MLR Institute of Technology had an inspiring and eventful year marked by academic excellence, innovation, and hands-on learning. With a focus on emerging technologies, sustainable energy, and practical exposure, the department continues to shape engineers who are ready to power the future with smart and ethical solutions.

Departmental Achievements:

- The department conducted several insightful sessions to broaden students' technical understanding: Multi-Level Inverter Fed PMSM Drive for EV Applications (8 Feb 2025): Focused on inverter design and motor control for electric vehicles. Powering the Future: EV & Smart Systems (15 Jun 2025): Highlighted advancements in sustainable mobility and smart power solutions. Talk by Dr. Sumana Das – “A Brief Introduction to Intellectual Property” (15 Aug 2025):



Name of the Event	Intellectual Property
Title	A brief introduction of Intellectual Property
Duration	15/08/2025, 4:00 PM- 6:00 PM
Resource Persons	Dr. Sumana Das, Associate Professor, EEE Dept
Audience	27
Agency	Centre for Innovation and Entrepreneurship
Venue:	Online
Objective:	<ul style="list-style-type: none"> • Objectives of intellectual property refer to the purposes of protection granted to creators of innovative intellectual creations. • serve the important purpose of ensuring that creators will be recognized for their efforts and protected from infringement. • creators are more likely to come up with more new creations. Sales plan. • to promote creativity and innovation.

- The department encouraged creativity and teamwork through technical fests and competitions that promoted active learning and innovation. ElecQuest (6 Apr 2025): A technical quiz competition designed to test students' understanding of electrical principles, logic, and circuit design through fun, interactive rounds. Techvolution (30 Aug 2025): A flagship student event that celebrated AI, IoT, and automation. These events provided a vibrant platform for students to display their skills, collaborate across disciplines, and gain confidence through real-time problem solving.

EEE

- Skill enhancement remained a key priority, with the department organizing multiple hands-on workshops and FDPs to equip both students and faculty with emerging technical skills. Machine Learning Applications Workshop (23 Mar 2025): Introduced participants to the fundamentals of machine learning algorithms, data analysis, and model building using real-world engineering datasets. Faculty Development Program on Renewable Energy & Smart Grids (26–31 Aug 2025): Conducted in collaboration with industry experts, the FDP explored the integration of renewable energy systems and smart grid technologies, offering in-depth insights into modern power system management. MATLAB & PSCAD Bootcamp (21–22 Nov 2025): A two-day practical session that helped students and faculty master simulation tools for designing, testing, and analyzing electrical circuits and power systems.
- To ensure practical exposure beyond the classroom, the department organized an industrial visit on 20 Nov 2025 to a 33/11KV substation. Students observed the operation of transformers, switchgear, and distribution systems, gaining firsthand experience of power distribution processes and grid management. Such visits play a crucial role in connecting theoretical learning with on-ground engineering practices.
- With continuous efforts in research, sustainable energy innovation, and digital transformation, the EEE Department at MLR Institute of Technology strives to create a dynamic learning ecosystem that bridges academia and industry. The department plans to enhance its research collaborations, industry partnerships, and interdisciplinary projects, providing students with opportunities to work on real-world challenges in areas such as smart grids, electric vehicles, renewable energy systems, and automation technologies. By combining innovation, mentorship, and hands-on education, the department not only strengthens students' technical proficiency but also instills leadership, creativity, and ethical responsibility. With this forward-looking approach, MLRIT's Electrical and Electronics Engineering Department continues to nurture passionate engineers – individuals who are ready to innovate, inspire, and electrify the world of tomorrow.

DEPARTMENTAL ACHIEVEMENTS

ECE

Electronics and Communication Engineering:

The Department of Electronics and Communication Engineering at MLR Institute of Technology has witnessed a remarkable academic year 2024–25, marked by faculty excellence, innovative student achievements, and active participation in national-level technical events.

Departmental Achievements:

- ECE students and faculty actively participated in research publications, technical symposiums, and innovation challenges. Several papers were presented in national and international conferences, showcasing advancements in VLSI Design, Embedded Systems, IoT, and Wireless Communication. Faculty members also contributed to patent filings and funded research projects, strengthening the department's research ecosystem. Its commitment to preparing students for emerging technologies and global challenges.



- To enhance hands-on learning, the department conducted multiple workshops on FPGA Programming, PCB Design, and IoT Applications. An AI and Machine Learning Bootcamp was organized to introduce students to data-driven design and automation in electronics. These initiatives bridged the gap between classroom learning and real-world problem-solving.
- The department maintained strong ties with the industry through guest lectures, industrial visits, and internships. Experts from leading organizations such as ISRO, Intel, and Keysight Technologies delivered sessions on communication systems, semiconductor trends, and

ECE

electronic design automation. Students gained exposure to the latest industry tools and technologies that complement academic learning.

- The ECE Department continues to focus on emerging domains like 5G communication, IoT, Artificial Intelligence, and Chip Design. With continuous mentorship, research encouragement, and a passion for innovation, the department remains committed to producing engineers who will lead the next wave of technological transformation.



- Electronic design automation. Students gained exposure to the latest industry tools and technologies that complement academic learning.

- The department hosted several guest lectures and expert sessions featuring professionals from top industries and research organizations. Speakers from ISRO, Bharat Electronics Limited (BEL), Qualcomm, and Keysight Technologies shared valuable insights into satellite communication, embedded automation, and semiconductor innovation. A seminar on “The Future of 5G and Beyond” highlighted the impact of next-generation wireless communication, while another on “AI in Electronic Design Automation” explored the convergence of artificial intelligence and hardware design.

- The department continued to strengthen its ties with the industry through MoUs and collaborative programs. Regular industrial visits to organizations like Doordarshan Kendra, BSNL, and DRDO. Through these initiatives, students gained valuable understanding of how electronics integrate with large-scale communication systems and the importance of reliability and innovation in real-world applications.

DEPARTMENTAL ACHIEVEMENTS

MECH

Mechanical Engineering:

The Department of Mechanical Engineering at MLR Institute of Technology (MLRIT) had a remarkable year characterized by academic rigor, innovation, and practical learning experiences. With a focus on sustainable energy, advanced materials, and modern manufacturing technologies, the department aims to prepare students to become competent, innovative, and socially responsible engineers capable of contributing to industry and research.

Departmental Achievements:

- The department successfully hosted the ICASMMT-2024 International Conference on 13-14 September 2024, bringing together researchers and industry experts to discuss advancements in sustainable energy, materials, and smart manufacturing. The conference featured over 200 research papers and a keynote by Dr. Amith Kumar Gupta



- The hybrid format enabled global participation, allowing in-person attendees to network and online participants to engage in live discussions. The event featured a keynote address by Dr. Amith Kumar Gupta, Professor at BITS Pilani, Hyderabad, which set the tone for two days of dynamic interaction. The conference concluded with an awards ceremony, recognizing outstanding research contributions and fostering a culture of excellence and innovation within the department.

MECH

- The department conducted a two-day workshop to provide students with exposure to innovative engineering design practices and practical reverse engineering techniques. The first day featured seminars by experts from Maker Global. Mr. Kraveenthar Kamal, Director of Maker Global, presented “The Power of 3D Printing”, demonstrating its applications in product design, manufacturing efficiency, and innovation across industries. The afternoon session by Mr. Ajay Kumar, Assistant Director of Maker Global, focused on entrepreneurship and business opportunities, encouraging students to identify business potential within engineering solutions and apply design thinking to real-world problems.
- The second day emphasized practical learning, with participants engaging in real-world case studies and hands-on exercises under the guidance of Mr. Prajwal from Maker Global.



- The workshop was meticulously organized under the leadership of Prof. M. Venkateswar Reddy, Head of the Mechanical Engineering Department, ensuring smooth coordination and effective learning outcomes. The department extends its gratitude to Maker Global experts and participating students for making the event a resounding success. These sessions fostered innovation, practical skill development, and entrepreneurial thinking, preparing students for future academic and industrial endeavors.
- These initiatives have strengthened students’ practical skills, exposure to modern technologies, and innovative thinking, helping the department nurture competent, forward-looking engineers who are well-prepared to tackle real-world challenges, contribute effectively to industry and research, and drive sustainable and innovative solutions in their future careers.



DEPARTMENTAL ACHIEVEMENTS

AERO

Aeronautical Engineering:

The Department of Aeronautical Engineering at MLR Institute of Technology (MLRIT) had an engaging year marked by academic activities, industry exposure, and student participation in community and technical events. The department emphasizes practical learning, innovation, and career guidance, preparing students to excel in the aerospace field.

Departmental Achievements:

- In July 2024, the department participated in a Plantation Program, promoting environmental awareness and social responsibility among students. On 26 July 2024, the department honored the memory of Dr. A.P.J. Abdul Kalam on his death anniversary, inspiring students to follow his vision of science and innovation.
- On 15 October 2024, a Quiz Competition – Inspiration 2k24 was conducted to commemorate Dr. A.P.J. Abdul Kalam's birth anniversary,
- The Department of Aeronautical Engineering organized an Industrial Visit to the Indian Air Force Academy, Dundigal, on 12 December 2024, coordinated by Mr. Nirmith Kumar Mishra and Mr. S. Sreekanth. The visit provided students with first-hand exposure to aviation operations, flight training procedures, and maintenance practices followed by the Indian Air Force. Students gained valuable insights into aircraft handling, air traffic management, and defense aviation technologies, bridging the gap between theoretical learning and real-world aerospace applications.
- On 20 November 2024, the department conducted Interaction Day – Aamukh at MLRIT, an engaging platform designed to foster communication, collaboration, and professional networking among students, faculty, and industry experts. The event encouraged the exchange of innovative ideas, promoted team building and mentorship, and motivated students to pursue research-oriented and career-focused learning in the field of aeronautical engineering.

AERO

- From January to March 2025, the department focused on career development and technical enrichment. A Guest Lecture on International Education Services was delivered by Mr. Govardhana Vamshi Krishna, Consultant at Scholar Overseas, on 27 January 2025, guiding students on overseas study opportunities. Students and faculty also participated in the HMTV Cyclothon 2025: Pedalling for Health and Happiness on 25 January 2025, promoting fitness and community engagement.
- A field trip to Wing and Props, Gajularamaram was conducted on 11 February 2025, allowing students to observe and analyze the working and modeling of RC aircrafts, enhancing their practical understanding of aerodynamics and aircraft systems.

ఎంఎల్ఆర్ఐటి కళాశాలలో ముగిసిన హ్యాకథాన్



ఎరోప్లేన్లను ప్రదర్శిస్తున్న విద్యార్థులు

దుండిగల్, ఫిబ్రవరి 25: దుండిగల్ లోని మురి లక్ష్మణ్ రెడ్డి ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ (ఎంఎల్ఆర్ఐటి) కళాశాలకు చెందిన ఏరోనాటికల్ విభాగం ఆధ్వర్యంలో ఏరోట్రాన్ పేరుతో రెండు రోజులపాటు నిర్వహించిన హ్యాకథాన్ మంగళవారంతో ముగిసింది. వింగ్స్ అండ్ ప్రాప్స్, ఐ ట్రిపుల్ ఏ సహకారంతో నిర్వహించిన ఈ హ్యాకథాన్ లో విద్యార్థులు తాము రూపొందించిన ఏరోప్లేన్లను ప్రదర్శించారు. మొత్తం 25 గ్రూపులు ఈ ఏరో ట్రాన్ లో పాల్గొనగా.. గెలుపొందిన విజేతలకు బహుమతులు అందజేశారు. ఈ కార్యక్రమంలో ఎంఎల్ఆర్ విద్యార్థుల అధినేత మురి లక్ష్మణ్ రెడ్డి, కళాశాల సెక్రటరీ, మల్కాజిగిరి ఎమెర్జెన్సీ మురి రాజశేఖర్ రెడ్డి, ట్రైనింగ్ సెల్ కె. శ్రీనివాసరావు కార్యక్రమాన్ని విజయవంతంగా నిర్వహించిన ఏరో నాటికల్ ఇంజనీరింగ్ విభాగాధిపతి సత్యనారాయణ గుప్తను, హ్యాకథాన్ ఆర్గనైజర్ సాయికుమార్ ను అభినందించారు. కార్యక్రమంలో ఎంఎల్ఆర్ఐటి కళాశాల డైరెక్టర్ దీరేష్ రెడ్డి, ఐక్యూఎస్ విభాగాధిపతి, రాధికాదేవి, అధ్యైకపాల్గొన్నారు.

- On 12 February 2025, the department organized an Exclusive Talk on Masters in Flight Test Engineering by Dr. Cathal Nolan and Dr. Ashish Vashishtha from SETU, Ireland, providing insights into specialized aerospace career paths. A Guest Lecture on Career Guidance by Mr. T. Ashok Naidu, Co-founder of GATE Aerospace Academy, was conducted on 20 February 2025, offering guidance on academic and professional development for aeronautical students.
- Overall, these activities enhanced students' technical knowledge, practical skills, and career awareness, providing exposure to industry practices and emerging aerospace technologies. They helped develop problem-solving abilities and innovative thinking, contributing to the department's vision of nurturing competent.



DEPARTMENTAL ACHIEVEMENTS

H&S

Humanities and Science Department:

The Department of Humanities and Sciences at MLR Institute of Technology demonstrated its commitment to academic excellence and social responsibility through a series of impactful initiatives this year.

Departmental Achievements:

- Under the leadership of Dr. V. Radhika Devi (Dean & IQAC Head) and Dr. Ch. Achi Reddy (HoD, Department of H&S), the department successfully organized a One-Week Online Short-Term Training Program (STTP) titled “Transformative AI Tools for Research Writing: Comprehensive Techniques and Best Practices” from September 30 to October 5, 2024, in collaboration with RSP Science Hub, Coimbatore.



- The event drew 491 participants from across 27 states, featuring expert sessions from NIT Kurukshetra, VIT Chennai, IIIT Kottayam, and University of Hyderabad on topics such as AI-driven literature reviews, data visualization, and citation automation.
- Highlighting its academic contribution, Dr. Manuri Brahmaya was selected as a Unit Writer for IGNOU’s PG Diploma in Tribal Studies (PGDTRBS), authoring a chapter on Traditional Medicine and Healing to be published as part of an ISBN-certified study material.




ONE-WEEK ONLINE SHORT TERM TRAINING PROGRAM (STTP)

on

"Transformative AI Tools for Research Writing Comprehensive Techniques and Best Practices"

Jointly Organized by MLR Institute of Technology, Hyderabad, Telangana & RSP Science Hub, Coimbatore, Tamil Nadu, India.

Mode : Virtual (Google Meet)

Date : 30th SEP - 05th OCT 2024

TIME : 10.30AM TO 01.30PM (IST)

REGISTER NOW ➔

tinyurl.com/STTP10AI

+91 6382 289 536

rpsshemail@gmail.com

RESOURCE PERSONS

SESSION 01 - 30.09.2024



Dr. Sweeti Sah
Assistant Professor,
NIT Kurukshetra, India.
PhD - NIT Puducherry

Topic : Introduction to AI in Research Writing

SESSION 02 - 01.10.2024



Dr. P R Joe Dhanith
Assistant Professor,
VIT Chennai, Tamil Nadu, India.
PhD - NIT Puducherry

Topic : AI Tools for Literature Search and Review Writing

SESSION 03 - 02.10.2024



Prof. Pramod K. Nayar
Department of English, University of Hyderabad, India
Senior Professor, FEA, FRHistS, Ph.D – Hyderabad, UNESCO Chair in Vulnerability Studies

Topic : Writing for Journals

SESSION 04 - 03.10.2024



Dr. J Dhakshayani
Assistant Professor, IIT Kottayam,
PhD - NIT Puducherry

Topic : AI in Data Visualization and Interpretation

SESSION 05 - 04.10.2024



Dr. R Dhanush
Associate Professor,
School of Electronics Engineering, VIT Chennai, India.
PhD - IIT Madras

Topic : Automating Research Paper Formatting and Citation Management

- The department also played a leading role in organizing World Environment Day 2025 on June 5, under the theme “Prakruti”, to promote environmental awareness and sustainability. The celebration, held at the KC Block, witnessed participation from over 600 students and 42 faculty members. The event began with a ceremonial sapling plantation by Chief Guest Marri Laxman Reddy, followed by insightful speeches on environmental protection and sustainability.

- Students showcased their creativity and concern for nature through competitions in elocution, painting, photography, and videography. Faculty members guided the events, and prizes were awarded to winners in various categories. The program concluded with vibrant cultural performances and a heartfelt reminder that “The change begins with us—today, and every day.” The event was coordinated by Dr. Amrita Saha and Dr. Monaj Karar, whose efforts helped instill a deep sense of ecological responsibility among participants.



These initiatives underscore the department’s holistic approach to education—nurturing research capabilities, academic integrity, and a deep-rooted sense of social and environmental consciousness.

SPORTS ACHIEVEMENTS

MLRIT consistently encourages its students to actively participate in sports and physical activities.

- The CS&DS department's cricket team showcased exceptional teamwork and skill, winning the **TEJAS-2024 tournament** at Vardhaman College of Engineering.
- CSIT students showcased their talent at district and national-level sports events.
- **Brown Belt Certification** from *Okinawa Martial Arts Academy* for proficiency in Karate.
- Secured **1st Place** in the *1st World Online E-Kata Championship 2021* organized by *Master Keshav Karate Academy*.



Ms. Rushika Yalla (II B.Tech) brought pride to the institution by qualifying for the India Shooting Team Trials at the 67th National Shooting Championship, showcasing her dedication and excellence beyond academics. Her success inspires peers to strive for excellence in academics and sports.



Through such achievements, the Mechanical Engineering Department reaffirms its commitment to holistic development. By promoting practical skills, industry exposure, and academic growth, the department empowers faculty and students to excel across domains, fostering a culture of innovation and progress.

FACULTY ACHIEVEMENTS

Aero department's faculty contributed significantly to research, publishing 79 papers and filing 20 patents and copyrights in 2024. Mr. Nayani Uday Ranjan Goud was invited as a guest speaker for NSS Day celebrations and selected as a contingent leader for a National Adventure Camp in Manali. Mr. K. Arun Kumar participated in FDPs on Autodesk Fusion and Stress Management

The department also strengthened its community ties by organizing events like the LUNAR National Science Fair for 500 school students and the INSPIRATION 2024 quiz competition to celebrate Dr. A.P.J. Abdul Kalam's birth anniversary.



Faculty members earned prestigious awards for their contributions to education and community service:

- Mr. Irfan Bhagavan: Award for Excellence in Graduate Education 2024.
- Ms. D. Jyothi: Vidya Ratna Award.
- Mr. Kiran Kumar Reddy: National Service Scheme Award for community service.

The faculty advanced academic research through publications, such as Dr. D.B.K. Kamesh's paper in the journal

Electronics 2024 , and by serving in key conference roles as reviewers and editors.

A strong commitment to continuous learning was shown through numerous FDPs and NPTEL certifications. Notably, HOD Dr. Chiranjeevi Manike placed in the top 2% nationally in the "Big Data Computing" course.



FACULTY ACHIEVEMENTS

CSE department's faculty received numerous accolades for their excellence in research and education.

- Dr. P Michael Preetam Raj received the prestigious India Book of Records Achiever Award for his invention of a memristive counter circuit.
- Dr. N. Shirisha was honored with the Kalpa Acharya Award, and Dr. Allam Balaram received the Jyestha Acharya Award at the Bharat Education Excellence Awards.
- At the CSI Annual Awards 2024, the department shone brightly with Dr. K Srinivas Rao winning Best Principal , Ms. B Veda Vidya earning Best Student Branch Counselor and Dr. Ajmeera Kiran receiving the Best Young Researcher Award.
- Faculty demonstrated a strong commitment to continuous learning through NPTEL, with M Kalpana Chowdary being recognized as an "NPTEL Enthusiast" and "NPTEL Believer".
- Published research in high-impact journals and conferences (AI, ML, Blockchain, Cybersecurity, Mental Health Analysis).
- Secured patents and copyrights in blockchain, smart contracts, and autonomous systems.
- Authored international books on Data Science, Big Data, DBMS, and Machine Learning.
- Completed multiple NPTEL certifications and participated in FDPs on Generative AI, LLMs, Deep Learning, and Cloud Computing.



FACULTY ACHIEVEMENTS

The faculty of the Department of Electronics and Communication Engineering have demonstrated outstanding dedication to continuous learning, teaching excellence, and professional development during the academic year 2024–25.

- NPTEL Gold Medal: Mr. S. Naveen Kumar achieved the prestigious NPTEL Gold Certification, a mark of academic excellence and mastery in his chosen discipline. This recognition reflects his dedication to advanced learning and his ability to inspire students with high standards of knowledge and learning strategies.
- NPTEL Enthusiast: Dr. Manoj Kumar earned recognition as an NPTEL Enthusiast, an achievement awarded to educators who consistently promote lifelong learning and actively contribute to fostering an academic culture that integrates online learning platforms with classroom teaching.

These achievements reflect the department's commitment to academic growth and faculty development.

NPTEL Discipline Stars and Believers: A group of distinguished faculty members – Mr. K. Maniraj, Mr. Syambabu Vadlamudi, Dr. Laxma Reddy, Dr. Ganesh Miyala, Mr. Chinthakindi Babaiah, Mrs. Geetha Yerramesetti, and Mr. K. Pithamber – were honoured as NPTEL Discipline Stars and Believers. This acknowledgment signifies their sustained excellence in multiple NPTEL courses and highlights their dedication to adopting modern teaching methodologies, thereby enhancing the quality of education imparted to student



STUDENT ACHIEVEMENTS

The 2023-2024 batch of Aeronautical department achieved remarkable career milestones. A total of 53 students secured placements in top-tier companies such as Tata Advanced Systems, SAFRAN, and Azista Composites. Additionally, 46 students completed prestigious internships at organizations including DRDO, ISRO, and Hindustan Aeronautics Limited (HAL).

In national competitions, MLRIT students demonstrated their technical prowess:

- At the SAE-ADC competition, "Team Airavat" won 2nd for Best Innovation and 3rd for Best Presentation, while "Team Aeolus" secured the Best Innovation award in the Micro Class.
- L Harshita Yadav, Ch Paul, and P Sriram won 1st place in the Idea Presentation at the MAGISTECH - 2024 national symposium



- Students of CS&DS successfully translated their skills into career opportunities. Third-year student P. Sai Kaushik received a full-time job offer from Warum Consultant Private Limited. Others secured valuable internships at companies like Brain O Vision and GAIT Labs.
- The department's cricket team showcased exceptional teamwork and skill, winning the TEJAS-2024 tournament at Vardhaman College of Engineering.
- Secured placements and internships in AI, ML, and Data Science domains.
- Attended an industrial visit to the Air Force Academy for hands-on exposure.
- N Vamshi Krishna (Batch 2025) was placed at Inovalan with a ₹25 LPA package and a ₹50K monthly internship stipend.

STUDENT ACHIEVEMENTS

S Dhanush Sai Ram received an internship-cum-placement offer from Adobe with a ₹60K per month stipend.

- 12 students from the 2024 batch were selected by U-ST with a package of ₹4.25 LPA.
- 3 students were placed at Actalent with a package of ₹6 LPA.

Beyond placements, Ms. G Yashaswini (IV B.Tech CSE) was selected for the Republic Day Parade Camp 2024 in New Delhi, as one of only eight volunteers chosen from across Telangana.

- Participated in AI workshops and learnathons (AI for All, NXT Wave, HCL Tech).
- Entrepreneurship milestone: Uma Surya Srinivas (18) founded Aczen Technologies Pvt. Ltd.
- Recognition: Pashikanti Bhanu Teja – finalist at the Social Impact Award India (2024).

- The students of CSIT department have reached the finals of Smart India Hackathon (SIH).
- Students of MLRIT participated in the Year Zero National Hackathon with the project Urban Garden.
- The students of CSIT department won the Tech Titans Trivia (2025) at St. Joseph's Degree & PG College.
- Raju Mamilla, a student of CSIT department founded Celestial Zone, a start-up that generated ₹19+ lakhs in revenue in a single quarter.
- 156 students of the CSIT Department earned certifications in Data Science, JavaScript, and Data Analytics through NPTEL and Cisco Networking Academy.



STUDENT ACHIEVEMENTS

The students of the ECE Department showcased exceptional talent, creativity, and problem-solving skills across multiple platforms during the academic year 2024–25.

Robotics Competitions:

Our students actively participated and emerged victorious in prestigious inter-college robotics contests:

- At ROBOVEDA 2K24 held at Sreenidhi Institute of Science & Technology, Hyderabad, ECE teams secured the First Prize in Robo Sumo and the Second Prize in Gati, demonstrating their technical expertise in design, control, and innovation.
- At ROBOTCA-24, organized by Geethanjali College of Engineering & Technology, our teams proved their competitive edge by winning the First Prize in Robo Soccer, showcasing excellent teamwork and technical precision.
- Recognized in multiple singing and debate competitions at district and state levels

At their own flagship event ROBOUT 2.0, hosted by MLRIT, students bagged both the First and Second Prizes in Robo Sumo, reinforcing their dominance in robotics events at both intra- and inter-college levels.



Academic Excellence:

- Paidimarri Bhavyasri Mani Chandana secured a 10/10 GPA in 10th-grade board examinations.
- Scored 989/1000 marks in the Intermediate Board Examination.
- Achieved 745th rank (95.5%) in Telangana POLYCET.

Cultural Recognition:

- Won 1st Place in the Bharat Vikas Parishad National Competition (Sanskrit & Folk Songs).
- Won 1st Place in the Run for Unity Quiz Contest on Rashtriya Ekta Diwas (31st October 2021).

STUDENT ACHIEVEMENTS

Two third-year IT students were selected for a Microsoft Internship with a monthly stipend of ₹ 1.25 lakh, followed by a post-internship package of ₹ 51 LPA, showcasing the department's strong placement support.



Multiple students secured internships across diverse organizations:

- CodSoft: Four-week Web Development Internship.
- IXORA Global Services Pvt. Ltd.: Data Research Analyst Internship on the Concentrix Daksh Services project.
- RINL Visakhapatnam Steel Plant: Full Stack Development Program (J2EE and Web 2.0 Technologies).
- Tech Octanet Services Pvt. Ltd.: Web Development Internship.
- Scoutbetter: Internship as a Career Expert with a monthly stipend of ₹ 15,000.

MLRIT celebrates the remarkable achievements of its students during the academic year 2024–25.

- Many students secured placements in reputed companies, reflecting the dedicated efforts of the Placement Cell and faculty mentors. Several meritorious students were awarded scholarships based on academic excellence and socio-economic criteria, and were recognized during the annual Merit Day Celebration.
- Through these initiatives, the Mechanical Department continues to empower both faculty and students with practical skills, industry exposure, and academic excellence.

EVENTS & ACTIVITIES



Club Literati of MLR Institute of Technology stands as a dynamic platform dedicated to nurturing the intellectual, creative, and leadership potential of students. It is the official literature society of MLR Institute of Technology.

The club is best known for organizing the prestigious MLRIT Model United Nations (MLRITMUN), whose 6th edition was held from November 22nd to 24th, 2024.

The event brought together over 120 student delegates to engage in diplomatic simulations across five committees – UNODC, AIPPM, UNHRC, G20, and the International Press – under the guidance of Secretary-General Mohammed Raza and Deputy Secretary-General Khaja Moizuddin.

MLRITMUN 2024 was widely praised for its professional execution and impactful discussions, with 98% of participants rating it as excellent. It was an experience people will remember for days to come.



Club Literati also publishes The Delegate's Digest, the official MLRITMUN newsletter curated by the International Press team, capturing committee debates, interviews, and thought-provoking articles on global and national issues. The publication reflects the intellectual spirit, analytical depth, and journalistic excellence of its members.



EVENTS & ACTIVITIES

Beyond MUNs, Club Literati members have achieved remarkable success in sports, innovation challenges, and literary and cultural competitions. Students like Dalli Gnana Snigdha, Pooja Sai Rishitha, Omaansh Tumati, and Ch. Rupak Sujay Varma have excelled in basketball, football, and badminton at state and college levels. Members such as Mahitha Reddy, Akshita Vedantam, and Khaja Moizuddin have brought laurels in innovation challenges, elocution contests, and national-level MUNs, while others like Faiza Tashmeem and Adit Kailash have earned top honors in painting and hackathon competitions.

Another flagship event organized by Club Literati was TEDxMLRIT, held on 25th April 2025. The event served as a vibrant platform where visionaries, innovators, and changemakers came together to challenge perspectives and ignite meaningful conversations.



Speakers excelling in diverse domains – including Kavya Kalyanram, Naman Vankdari, Lt. Cdr Bijay Nair (Retd.), Sahadeva Sakha Dasa, Vatsav Dakappagari, Ranjith Chanti, Chandrasekhar Nadiminti, Charan Peri, and Niharika Sood – graced the stage, leaving students inspired and motivated to chase their aspirations with renewed passion.

Through its diverse activities, Club Literati continues to be a symbol of excellence at MLRIT, empowering students to explore diplomacy, creativity, and collaboration while contributing meaningfully to academic and cultural life on campus.



EVENTS & ACTIVITIES

Came club

CAME (Creating Aspirations for Meeting Elevation) at MLR Institute of Technology stands at the heart of the institute's cultural pulse. It is where creativity thrives, talent takes shape, and campus life comes alive. More than a club, CAME is a community – one that celebrates diversity, passion, and the joy of creation, making every moment on campus truly unforgettable.

The *Yoga Workshop* on March 6, 2024 led by Guru Aditya Dev Ji, inspired more than 700 attendees with yoga practices and motivational teachings. The session emphasized mental and physical wellness.

The *POSH Seminar* on July 22, 2024 created awareness about workplace safety and justice in harassment cases. Experts from Maarpu Trust, along with institute dignitaries, addressed faculty and participants.



Kite Fest 2025, held on January 10, 2025, at the MLRIT College Grounds, brought together students and faculty to celebrate joy and unity through kite flying. Organized by the CAME Club, the event featured friendly kite-fighting competitions, vibrant participation from multiple departments, and a festive atmosphere that captured the essence of Makar Sankranti.

Hellenic, conducted on January 11, 2025, celebrated the Retro theme with nostalgic music, dance, and fashion performances. Students showcased their creativity through skits, art, and themed decorations, bringing campus life to vibrant motion.



Women's Day 2025, held on March 8, 2025, in the Closed Auditorium, honored the contributions of women across campus. The program included speeches, awards, performances and interactive games creating an atmosphere of empowerment.

EVENTS & ACTIVITIES

Republic Day 2025 was observed on January 26, 2025, at the Open Auditorium, marked by the flag hoisting ceremony, patriotic performances, and inspiring speeches by dignitaries. The event highlighted unity, discipline, and national pride.

Traditional Day 2025, celebrated on March 1, 2025, showcased India's cultural diversity as students and faculty dressed in colorful ethnic attire. The event featured performances, ramp walks, and a vibrant DJ session. A flash mob organized the previous day set the festive tone for the celebration, making it one of the most energetic events of the year.



Trishna – Annual Day 2025, celebrated on April 25, 2025, marked the culmination of the academic year with felicitation ceremonies, cultural programs, and performances by students and faculty. The event blended recognition, entertainment, and community spirit seamlessly.



Ecstasy 2025, hosted on April 26, 2025, stood as the grand finale of MLRIT's cultural calendar. The evening featured electrifying performances by Band Capriccio, Kanika Kapoor, and DJ Viola, turning the campus into a concert arena.

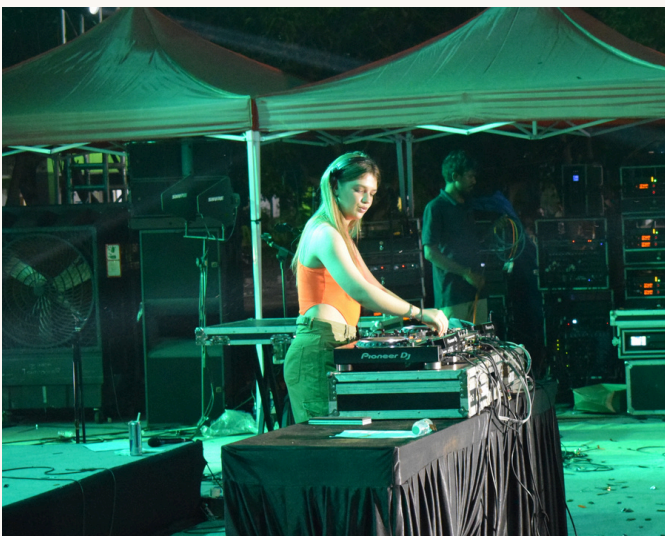


EVENTS & ACTIVITIES



Navrat Naveli 2025, celebrated on October 27, 2025, transformed the campus into a vibrant cultural hub. The event featured Bathukamma competitions, a skit on Lord Narasimha, and lively Garba performances. The celebration concluded with a festive DJ session, symbolizing joy, unity, and tradition.

Together, these events showcased the CAME Club’s dedication to cultural pride, student growth, and social awareness



Independence Day 2025, celebrated on August 15, 2025, at the Open Auditorium, featured flag hoisting, patriotic dances, skits, and inspiring speeches by the dignitaries emphasizing India’s unity and heritage. The CAME Club ensured a well-coordinated program that combined respect, pride, and celebration.



EVENTS & ACTIVITIES



The Centre for Innovation & Entrepreneurship (CIE) at MLR Institute of Technology fosters creativity, problem-solving, and entrepreneurship on campus. It helps students turn ideas into projects, products, and start-ups by organizing hackathons, innovation challenges, workshops, and summits. CIE provides mentoring, resources, and industry connections to prepare students to become future innovators and leaders.

Smart India Hackathon (SIH) 2024 – 2nd-3rd September 2024. An internal hackathon engaging 250+ students across multiple domains like Smart Automation, MedTech, AgriTech, Robotics, and Renewable Energy. Top teams advanced to the national stage, gaining hands-on experience.



MSME Hackathon 2024 – 2nd November 2024. 40 student teams presented innovative solutions for MSMEs on themes like sustainability, Industry 4.0/5.0, cyber defence, and smart supply chains. Projects became eligible for funding and incubation, while students gained real-world pitching experience.



Equinox is a three-day entrepreneurship and innovation festival held on 28th to 30th November 2024, featuring a Startup Expo, Ideathon, Brand Battles, IPL Auction, Internship Drive, and cultural evenings. Hosted 300+ participants including external students from other institutes, with keynote talks, project showcases, and networking sessions.

EVENTS & ACTIVITIES



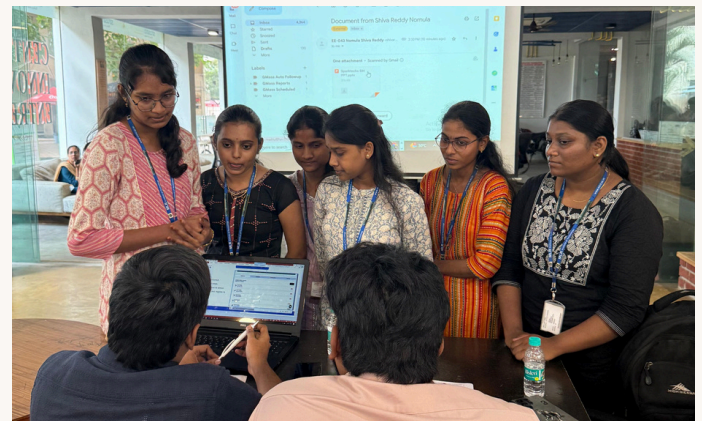
Business to Brand (B2B) 2025 – 3rd–4th April 2025. A creative entrepreneurship event with competitions like Ad Film Making, Brand Revival Challenge, and B2B Mela. Students gained hands-on experience in marketing, branding, and storytelling, guided by faculty and industry mentors.

MSME Hackathon 2025 – 20th July 2025. Continuation of the previous year’s MSME hackathon, with 40 student innovators pitching technology solutions to pressing industry challenges. Top projects received mentorship and potential MSME/CIE funding.

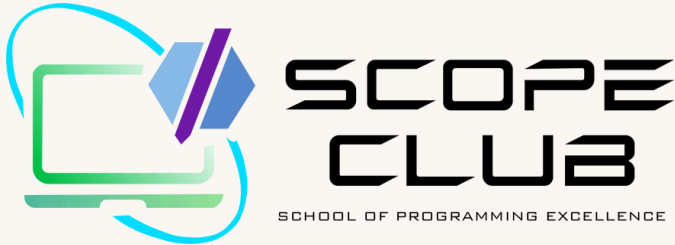
Smart India Hackathon (SIH) 2025 – 19th–20th September 2025. The largest innovation platform at MLRIT with 250+ participants tackling national SIH problem statements across multiple domains. Teams received continuous mentorship and expert feedback, preparing them for national-level competition.



Innovation Challenge 2025 – 5th July 2025. A semester-long competition for first-year students promoting micro-project development. 120 students participated under faculty and student mentorship, with awards and guidance provided to encourage further innovation and incubation.



EVENTS & ACTIVITIES



The SCOPE Club at MLR Institute of Technology is a student-led community dedicated to coding, problem-solving, and technical skill development. The club organizes coding sessions, hackathons, workshops, and mentorship programs to help students enhance programming expertise, stay updated with industry trends, and develop practical projects that benefit the college community.



A Generative AI Workshop held on 28th September 2024, conducted in collaboration with NxtWave CCBP 4.0 Academy, this workshop introduced students to core concepts of Generative AI, modern tools, real-world use cases, and hands-on model-building sessions.

ZENITH '24: Data Voyage – 7th–9th November 2024. A hands-on AI, ML, and Data Science workshop guided by industry mentors and the Scope Club team. Students engaged in team-based problem-solving, project development, and received mentorship for building practical solutions.



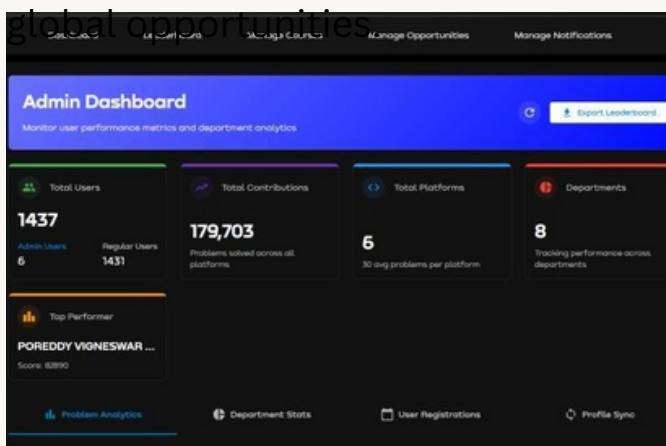
SPLASH – Campus-Level Coding Contest held on 24th April 2025 was a competitive coding event that tested and enhanced students' programming and logical thinking skills, promoting cross-branch participation and a culture of competitive coding.

INIT_SAGA 2025 was a two-day domain-specific hackathon and workshop with industry experts, including Mr. Yashwanth Bondapalli and Mr. Adithya Saladi, focusing on version control, API handling, automation, GitHub, and low-code platforms.

EVENTS & ACTIVITIES

Scope sessions were held between the months of February and June 2024. These weekly sessions aimed at first-year students to strengthen Data Structures & Algorithms (DSA) skills. These sessions helped promote peer learning, and build a coding community prepared for competitive programming and placements. Coding sessions helped students to build their programming skills. Participants also collaborated on mini-projects, fostering teamwork and practical application of DSA concepts.

SCOPE – Codestats was started 6th April 2025. A unified student performance tracker for competitive programming and development progress across platforms like LeetCode, CodeForces, CodeChef, GeeksforGeeks, HackerRank, and GitHub. Provides real-time leaderboards, curated learning resources, and centralized access to global opportunities.



Action AI Sprint held on 6th August 2025 was a hackathon organized with Hasheera Works to encourage problem-solving, open-source contributions, and coding contest participation. Included mentor-guided sessions and real-time leaderboard tracking of student progress.

In conclusion, the club has played a vital role in fostering growth, collaboration, and innovation among students. Through its various initiatives and activities, it has created a supportive environment for learning and skill development.



EVENTS & ACTIVITIES



The Engineers Without Borders (EWB) – IUCEE Chapter at MLRIT promotes sustainability, social impact, and innovation. Through workshops, industrial visits, competitions, and community engagement, the chapter empowers students to apply engineering knowledge to real-world societal and environmental challenges.

The Engineers Student Forum Regional (ESFR-2024), held on June 21–22, 2024, was a two-day regional event that brought together students from five institutions to focus on Sustainable Entrepreneurship and Climate Action. Facilitators Mr. Manoj Kumar and Mr. Karthik Ponnappa guided participants in developing innovative solutions.



EloqVent 2024, conducted on October 28–29, 2024, was a regional-level competition that saw participation from over 380 students across multiple colleges. The event featured Root Riddle (problem-solving challenges) and Elocution (communication and presentation skills) segments, helping students enhance spontaneity, clarity, and collaboration across institutions.



On December 12, 2024, students visited Zilla Parishad High School to assess e-learning facilities, conduct quizzes, and recommend regular training sessions for teachers and students. This initiative earned 3rd prize at HITAM on January 24, 2025, for its impactful contribution to school engagement.

EVENTS & ACTIVITIES



The HDSE Workshop, held on April 7, 2025, hosted 45 participants from various institutions and focused on Sustainable Development Goals, design thinking, and emerging technologies such as electric vehicles and green hydrogen. Renowned speakers included Dr. Krishna Vedula, Prof. Khanjan Mehta, and Dr. K. Peeush Bishnoi.

To celebrate World Environment Day on June 5, 2025, the chapter organized SPROUT, an open-stall event featuring sustainability-themed games, quizzes, and eco-friendly giveaways.

An Industrial Visit to CSIR-IICT Secunderabad on July 8, 2025, gave students hands-on exposure to sustainable research in microbial fuel cells, biogas generation, pest control, and pollution analysis, linking academics with real-world applications.

At the IASF 2025 – Innovation Summit (January 7–8, 2025), students presented GoalForge and Automated Wetlands, showcasing API integration and IoT-based purification, along with workshops on Design Thinking, SEL, and AI Literacy.

On January 24, 2025, during International Education Day at HITAM, the chapter earned 3rd prize for its school engagement initiative with MLRIT, HITAM, GITAM, and CBIT.

The HDSE Leadership Intensive by Agastya Foundation (June 2–6, 2025) focused on design thinking, sustainability, and social entrepreneurship, where M. Bhavith won 1st prize for an impactful community-based pitch.



EVENTS & ACTIVITIES



The National Service Scheme (NSS) Club at MLR Institute of Technology stands as a beacon of social responsibility and community service. Rooted in the values of selfless service and nation-building, the club encourages students to actively engage in initiatives that uplift society and promote holistic development.

On 7th April 2024, the unit organized a medical camp for the children of Premanjali Orphanage in collaboration with Marri Arundathi Hospital, providing health check-ups, consultations, and medicines to 30 beneficiaries.



This was followed by a blood donation drive on 14th June 2024, where volunteers donated 45 units of blood, and the Feed the Needy program on 17th June, distributing 200 food parcels to underprivileged children.

In celebration of International Yoga Day, volunteers participated in preparatory sessions and the main event held at Nizam College Grounds, Hyderabad, on 21st June 2024, while Program Officer Mr. Nayani Uday Ranjan Goud completed the My Bharat training program at CMR Technical Campus the same day.



The unit also conducted a Human Chain Formation and Drug Abuse Awareness program on 26th June 2024, reaching 200 students, followed by plantation drives on 6th July and 10th August 2024, including the Ek Ped Maa Ke Naam Pe initiative to promote environmental sustainability.

EVENTS & ACTIVITIES

Volunteers further participated in the Road and Women Safety Awareness program on 14th July 2024, and Harini Yadav represented the unit in a virtual discussion with the Union Minister of Youth Affairs and Sports on 25th July 2024.

The NSS Unit was honored with the ANVSA Philanthropist Award on 28th July 2024, and actively contributed to the Hour Bank Program at Raj Bhavan on 12th August 2024.

Civic and patriotic initiatives included the Har Ghar Tiranga Campaign on 14th August 2024, participation in the Republic Day March Past on 26th January 2025, and involvement in the 15th National Voters Day Marathon on 25th January 2025.



Environmental and cleanliness efforts included Swachhata Hi Seva programs such as plantation drives, plastic collection, lake and hospital clean-ups, and awareness sessions (September–October 2024). The unit also led an Eco-Friendly Ganesha Drive on September 6, 2024, promoting sustainable celebrations. Health and awareness activities featured the World Cancer Day Rally (February 4, 2025), World Meditation Day (December 22, 2024), and participation in the HMTV Cyclothon (January 25, 2025).

Adventure and leadership training peaked during the National Adventure Camp (November 15–24, 2024), where volunteers took part in trekking, climbing, and other endurance activities. Upholding the motto “Not Me, But You”, NSS MLRIT volunteers continue to serve society with dedication and teamwork.



CONCLUSION

As we bring this edition of the newsletter to a close, we take immense pride in celebrating the collective achievements that define the spirit of our institution. Every department, club, and committee has contributed to making this year a remarkable one – through academic excellence, research pursuits, vibrant cultural activities, and meaningful community engagement.

The unwavering efforts of our faculty members have continued to guide and inspire students toward higher goals, nurturing both intellectual growth and personal development. Equally commendable is the enthusiasm of our students, whose participation in technical events, management fests, sports tournaments, cultural programs, and outreach initiatives reflects the dynamic and inclusive environment our college upholds.

The collaboration between departments and clubs has fostered a culture of innovation and teamwork, enabling new ideas to take shape and thrive. From seminars and workshops that broaden academic perspectives to club-led initiatives that encourage leadership, creativity, and social responsibility – each endeavour has played a vital role in shaping a holistic learning experience.

We extend our heartfelt appreciation to all contributors who made this edition possible – the faculty coordinators, student editors, and every individual who shared their stories, achievements, and creative expressions. Their efforts have woven together a vibrant narrative of progress, passion, and purpose.

As we look ahead, may this spirit of collaboration and curiosity continue to guide us. Let us strive to reach greater heights, uphold the values of excellence and integrity, and work together to create a future that reflects the very best of our institution.



MLRIT NEWSLETTER | OCTOBER 2025 | VOLUME 01 | ISSUE 01

