

Year 2025-2026

# MLR Institute of Technology NEWSLETTER

December 2025 | Volume 01 Issue 02



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*

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**Sri Marri Laxman Reddy**  
**Chairman, MLR Institute of Technology**

It is a matter of great satisfaction to share my thoughts on the occasion of releasing this new quarterly edition of the MLRIT Newsletter. Each edition of this publication stands as a meaningful milestone in our institution's ongoing journey of growth, innovation, and academic distinction. It offers a thoughtful glimpse into the collective efforts that continue to shape the identity and progress of MLR Institute of Technology.



As higher education continues to transform in response to global challenges and technological advancements, institutions must remain anchored in strong principles while embracing change. At MLRIT, our focus has always been on nurturing an ecosystem where academic rigor, innovation, and ethical responsibility coexist. We believe education should empower learners to think independently, act responsibly, and contribute meaningfully to society.

The initiatives and accomplishments showcased in this newsletter are the result of sustained effort, collaboration, and a shared commitment to excellence. They reflect the strength of our academic community and reaffirm our confidence in the path we have chosen.

I congratulate the editorial team for bringing out this edition with clarity and purpose. May this newsletter continue to inspire progress and reinforce the spirit of excellence that defines MLR Institute of Technology.

With best wishes for continued growth and success.

# MESSAGE FROM

## *Secretary*

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**Sri Marri Rajashekar Reddy**  
**Secretary, MLR Institute of Technology**

I am pleased to extend my greetings on the release of this quarterly edition of the MLRIT Newsletter. This publication serves as a comprehensive account of the institution's steady advancement and the collective efforts that contribute to its development.



MLRIT's strength lies in its balanced approach to education—where academic discipline is supported by innovation, values, and social awareness. The institution continues to grow through purposeful initiatives undertaken by faculty and students alike, fostering a culture that encourages responsibility, collaboration, and lifelong learning.

This newsletter brings together diverse academic, co-curricular, and outreach activities that highlight the inclusive and dynamic nature of our campus. Each contribution reflects commitment and teamwork, reinforcing the institutional ethos that binds us together.

I appreciate the efforts of the editorial committee and contributors for presenting this edition in a structured and engaging manner. May this publication continue to inform, motivate, and strengthen the institutional fabric of MLRIT.

With best wishes for continued achievement and advancement.

# MESSAGE FROM

## *Director*

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**Ms. Marri Shreya Reddy**  
**Director, MLR Institute of Technology**

The release of each quarterly edition of the MLRIT Newsletter offers an opportunity to reflect on progress and refocus on future goals. This publication captures the evolving academic environment of the institution and highlights the initiatives that shape its forward momentum.



At MLRIT, institutional growth is driven by thoughtful planning, collaborative effort, and a commitment to purposeful education. We strive to create a campus environment that supports innovation, encourages exploration, and enables students and faculty to translate ideas into meaningful outcomes.

The activities and achievements featured in this edition reflect the institution's continuous efforts toward improvement and excellence. They stand as indicators of a learning community that values adaptability, creativity, and shared responsibility.

I commend the editorial team for their diligent work in compiling this edition. May the newsletter continue to serve as a platform that connects vision with action and supports the institution's journey toward sustained excellence.

Best wishes for continued progress and collective success.

# MESSAGE FROM

## *Principal*

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**Dr. K. Srinivasa Rao**  
**Principal, MLR Institute of Technology**

I am glad to share my message on the release of this quarterly edition of the MLRIT Newsletter. The publication highlights important academic developments, student accomplishments, and institutional initiatives that mark the steady progress of the college.



At MLRIT, our academic focus remains centered on quality teaching, meaningful learning, and continuous improvement. Faculty and students work together to strengthen academic practices, research engagement, and co-curricular participation, ensuring a well-rounded educational experience.

I appreciate the efforts of the editorial team and contributors for compiling this edition with care and professionalism. May this newsletter continue to reflect the academic spirit of the institution and inspire further achievement.

Best wishes for continued success.

# MESSAGE FROM

## *Dean & Head, IQAC*

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**Dr. V. Radhika Devi**  
**Dean & Head, IQAC, MLR Institute of Technology**

I am pleased to share this message on the release of the quarterly edition of the MLRIT Newsletter. This publication reflects the institution's consistent focus on quality assurance, academic standards, and systematic institutional development.



The Internal Quality Assurance Cell plays a central role in promoting continuous improvement across teaching-learning processes, research activities, and administrative practices. Through structured planning, review, and evaluation, IQAC supports the institution in aligning its practices with quality benchmarks and best standards.

The initiatives highlighted in this newsletter demonstrate the collective commitment of faculty, students, and staff toward sustaining a culture of quality and accountability. I appreciate the efforts of the editorial team for presenting this edition with clarity and purpose.

May this newsletter continue to support quality enhancement and institutional excellence at MLRIT.

With best wishes for continued progress and quality enrichment.

# 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

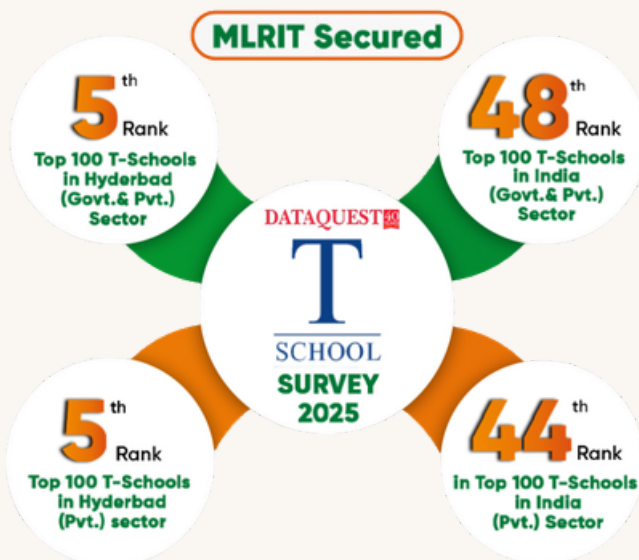
MLR Institute of Technology Excels in National Rankings – A Testament to Quality and Innovation

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.



# MESSAGE FROM

## Head of Department, H&S

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**Dr. Ch Achi Reddy**  
**HOD & Professor – Humanities & Sciences**  
**Department**  
**MLR Institute of Technology**

“Strong foundations shape strong engineers.”

The Department of Humanities & Sciences plays an important role in guiding students as they begin their engineering journey. By strengthening core knowledge in Mathematics, Physics, Chemistry, and communication skills, the department helps students develop the clarity and confidence needed for their future studies.

Beyond academics, we encourage students to cultivate curiosity, analytical thinking, and a disciplined approach to learning. With the support of dedicated faculty and an engaging learning environment, we strive to inspire students to explore ideas, ask questions, and build a solid base for their chosen engineering disciplines.

Our aim is to nurture curiosity, encourage analytical thinking, and prepare students to smoothly transition into their chosen engineering disciplines.



# DEPARTMENTAL ACHIEVEMENTS

## H&S

A total of 42 ICT video lectures were delivered in Engineering Chemistry, Engineering Physics, and Mathematics. These sessions strengthened digital academic resources, ensured continuity in concept delivery, and provided structured support material for students.

Dr. Subasish Saha successfully completed an NPTEL certification course from IISc Bangalore (July–October 2025), further enhancing academic expertise and subject proficiency.

Five faculty members submitted research proposals to ANRF 2025 with a combined project outlay of approximately ₹2 Crores.

The proposals were submitted by:

\* Dr. Manuri Brahmayya

\* Dr. N. Pratyusha

\* Dr. S. Deepthi

\* Dr. Y. Anantha Lakshmi

\* Dr. Subasish Saha

All proposals are currently under review.

Faculty members actively participated in five Faculty Development Programmes (FDPs) during this period.

Arif Ahmed attended two FDPs focused on English language teaching and student well-being.

\* Dr. Subasish Saha completed a 12-week programme on OBE and Accreditation at IISc Bangalore.

\* Dr. Tanniru Veera Ragavulu participated in two academic programmes related to English studies and thesis writing.

These initiatives strengthened pedagogical practices and academic quality standards.

Three Scopus/SCI indexed journal publications were published during this period.

\* Dr. Manuri Brahmayya published two research articles in indexed international journals in the field of nanocatalysis and green synthesis.

\* Dr. Ch. L. Rajesh published a research article in the area of material science and spintronic applications.

These publications reflect the department's consistent research engagement and scholarly output.

A total of 704 students successfully completed Python training and obtained certifications, significantly improving their programming proficiency and industry readiness.

The department continues to advance in academic excellence, funded research initiatives, faculty enrichment, and large-scale student skill development.

# MESSAGE FROM

## Head of Department, CSIT

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**Dr. D.B.K.Kamesh**  
**Head of Department, CSIT,**  
**MLR Institute of Technology**

I warmly welcome you to the Department of Computer Science and Information Technology (CSIT).

Our department is deeply committed to excellence in teaching, research, and innovation. We prepare our students to meet the evolving challenges of the computing and information technology landscape by creating a strong academic environment that seamlessly blends theoretical foundations with practical, industry-oriented learning.

With over 24 years of experience spanning both industry and academia, I have had the privilege of contributing to research and scholarly activities, with publications in SCOPUS-indexed journals, SCI-indexed papers, and Web of Science journals. My vision is to guide our department toward academic excellence and global standards through continuous innovation and research orientation.

Together with our dedicated faculty, we have developed a well-structured curriculum focused on emerging technologies. Our aim is to nurture competent professionals, innovative researchers, and responsible technologists who can contribute meaningfully to society.



# DEPARTMENTAL ACHIEVEMENTS

CSIT

## **Computer Science and Information Technology:**

The Department of Computer Science & Information Technology (CSIT) demonstrated consistent academic excellence and professional growth during the October–December 2025 quarter through notable faculty research, innovation activities and student achievements at national and international levels.

### **Faculty Research Publications**

During this quarter, CSIT faculty members made significant research contributions by publishing and presenting seven international conference papers in reputed IEEE forums. On 17 October 2025, Dr. D. B. K. Kamesh presented a research paper at the WorldSUAS International Conference focusing on radiomics-based pneumonia diagnosis using deep learning techniques. He further strengthened the department's research output on 16 December 2025 by presenting another paper at ACROSET on hybrid convolutional neural network. On 17 October 2025, M.

Srividya presented research on multimodal skin lesion analysis for early skin cancer diagnosis at WorldSUAS, contributing to advancements in medical AI. On 1 December 2025, S. Navya presented a paper at ICoICI on AI-driven anomaly detection in blockchain smart contracts, addressing emerging cybersecurity challenges. On the same date, P. Nishitha presented research on AI-driven biomedical image analysis at ICoICI and later, on 16 December 2025, presented another paper at ASIANCON focusing on deep learning-based beamforming techniques to enhance Massive MIMO performance in 5G networks. Additionally, N. Vijayasri presented a paper on 28 November 2025 at ICRISSET, addressing secure wireless data transmission in heterogeneous wireless sensor networks. These publications reflect the department's strong research culture and global academic presence. In 2025, five 3rd-year students (Srinivas, Saisree, Varun, Sai Akshitha, and Sai Prakash) showcased their programming skills by clearing the first round of the global TCS CodeVita competition.

## **Student Certifications and Skill Development**

A strong emphasis on skill development was evident as CSIT students actively pursued industry-relevant certification programmes. During August–October 2025, third-year CSIT students completed the NPTEL course *Programming with Generative AI*, with several students securing Elite Level certificates by achieving top scores. In 2025, students completed Coursera courses in Java Data Structures and Backend Development. Additionally, CSIT students earned the Cisco Linux Essentials Certification to prepare for modern IT careers.

## **Overall Departmental Impact**

The achievements recorded during the October–December 2025 quarter highlight the CSIT department's sustained commitment to research excellence, innovation, faculty development and student success. Active participation in international conferences, patent publication, professional certifications and global competitions reflects the department's continuous efforts to nurture technically competent and future-ready professionals.

**Inputs from Ms. Sridivya, Asst. Prof, Dept. of CSIT.**

# MESSAGE FROM

## Head of Department, CSD

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**Dr P. Subhashini**  
**Head of Department, CSD,**  
**MLR Institute of Technology**

As the Head of the Department of Data Science, it gives me immense pleasure to present this newsletter highlighting the achievements and milestones of our department. This edition reflects the collective efforts of our students and faculty in academics, research, internships, certifications, hackathons, and co-curricular activities.



The consistent performance of our students in national-level competitions, industry-oriented training programs, and professional certifications demonstrates our commitment to excellence and innovation. I appreciate the dedication of our faculty in mentoring students and fostering a culture of continuous learning. I congratulate all achievers and wish continued success to the entire Data Science fraternity.

# DEPARTMENTAL ACHIEVEMENTS

## CSD

### **Computer Science and Data Science:**

The Department of Computer Science and Engineering – Data Science (CSD) at MLR Institute of Technology actively conducted a series of academic, training and outreach initiatives during the October–December 2025 quarter, focusing on experiential learning, industry exposure, innovation and entrepreneurial development among students.

### **Project Expo**

The Department of CSD successfully organised a Project Expo on 29 November 2025, providing students with a platform to design, develop and demonstrate innovative projects aligned with real-world applications. The event was conducted under the guidance of jury members from Genpact, namely Ms Shaik Ayesha, Mr Shaik Sharef and Ms Karthikeyani Vinta, whose industry expertise added significant value to the evaluation process. The Project Expo encouraged students to bridge the gap between theoretical knowledge and practical implementation while strengthening

their skills in data analysis, coding, system design and research methodology. Projects addressing societal challenges, sustainability, healthcare, smart cities and rural development reflected the department's emphasis on socially relevant and solution-oriented learning.

### **Outreach Programme**

As part of its community engagement initiatives, the Department of Data Science conducted an Outreach Programme on Innovation and Entrepreneurship on 16 October 2025 at Zilla Parishad High School (ZPHS), Gundlapochampally, Hyderabad. The programme aimed to motivate school students towards innovation-driven thinking and entrepreneurial awareness by introducing them to problem identification, creative thinking and solution-based approaches. Through interactive discussions, students were encouraged to develop confidence, independent thinking and awareness of government-supported innovation initiatives and startup programmes, thereby

fostering early exposure to **Workshop on Opportunities for Early-Stage Entrepreneurs** entrepreneurial mindsets.

**Technology Training Programme on Cloud and DevOps**

To equip students with industry-relevant technical skills, the Department of Data Science organised a Technology Training Programme on Cloud and DevOps on 17 October 2025 at the Seminar Hall, MLRIT. The programme was coordinated by Mrs N. Baby Rani, Assistant Professor, MLRIT, who played a key role in its planning and execution. The training focused on cloud computing concepts, service and deployment models, as well as DevOps practices such as CI/CD, automation and monitoring. Mr C. Srikanth, Associate Engineer – DevOps, Virtusa Consulting Services Pvt. Ltd., served as the resource person and provided hands-on insights into modern industry practices, aligning academic learning with current professional requirements in cloud engineering, data engineering and MLOps roles.

The Department of Data Science conducted a Workshop on Opportunities for Early-Stage Entrepreneurs on 28 October 2025 at the JC Block Seminar Hall, MLRIT, with the objective of nurturing entrepreneurial awareness among aspiring innovators. The workshop was led by Mr Manoj Kumar, Founder of Bada Ghar Wala, who shared practical insights into startup culture, opportunity identification and market-driven innovation. Through real-world case studies, interactive sessions and mentoring discussions, participants gained clarity on transforming ideas into viable ventures while developing leadership, risk-taking and problem-solving skills essential for entrepreneurial success.

**Inputs from Ms. M. Sindhuja, Asst. Prof, Dept. of CSD**



# MESSAGE FROM

## Head of Department, CSE

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**Dr. Ajmeera Kiran**  
**Head of the Department**  
**Computer Science and Engineering**

It gives me great pleasure to introduce the Department of Computer Science and Engineering (CSE), which is dedicated to academic excellence, innovation, and the overall development of students. Our department builds a strong foundation in core computing principles while fostering creativity, problem-solving, and critical thinking. With experienced faculty, modern laboratories, and an industry-aligned curriculum, we ensure students gain both theoretical knowledge and practical exposure.



We also focus on emerging technologies such as Artificial Intelligence, Data Science, Cyber Security, Cloud Computing, and Software Engineering, encouraging participation in research, internships, workshops, and seminars. We are committed to empowering our students with the skills, values, and confidence needed to succeed in a rapidly evolving technological world.

# DEPARTMENTAL ACHIEVEMENTS

## CSE

### **Computer Science & Engineering:**

The Department of Computer Science and Engineering at MLR Institute of Technology has consistently focused on academic quality, innovation, and industry-aligned learning. Through a combination of curricular activities and co-curricular initiatives, the department encourages students to strengthen their technical foundations while gaining exposure to real-world problem solving and emerging technologies. During the academic year 2025, the department organized several major technical initiatives, providing students with meaningful platforms to engage with nationally relevant problem statements and translate innovative ideas into practical solutions.

### **Smart India Internal Hackathon 2025**

During the academic year 2025, the department organized the Smart India Internal Hackathon 2025, providing students with a meaningful platform to engage.

The hackathon was structured as an intensive twelve-hour innovation exercise, during which participating teams worked on real-world problem statements. Students focused on creating functional prototypes under time constraints, translating theoretical knowledge into practical solutions. The event was conducted under the leadership of Dr. Ajmeera Kiran, Professor and Head of the Department, CSE, whose guidance ensured academic rigor and effective execution. The overall coordination of the event was undertaken by Ms. I. Sapthami, Assistant Professor, CSE, who played a key role in planning, scheduling, and monitoring the activities throughout the day. The departmental Code Club (Community of Developers and Engineers) provided strong organizational support, assisting in participant coordination, technical arrangements, and the smooth conduct of the hackathon.

The primary objective of conducting the Smart India Internal Hackathon 2025 was to identify high-quality student proposals.

The hackathon proved to be a valuable experiential learning opportunity for participating students. It enabled them to gain hands-on exposure to the complete innovation cycle, from ideation and design to prototype development and presentation. Students enhanced their technical competence in emerging domains such as Artificial Intelligence, Machine Learning, Web and Mobile Application Development, and Internet of Things. In addition to technical skills, the event strengthened students' communication abilities, time management, and collaborative problem-solving skills. Expert feedback provided during the evaluation process helped teams refine their solutions and improve their readiness for national-level competition.

**ZIGNASA 2025**

**National Level Hackathon**

Continuing its emphasis on large-scale innovation-driven learning, the Department of Computer Science and Engineering (CSE), MLR Institute of Technology, successfully conducted ZIGNASA 2025, a 24-hour National Level Hackathon.

As a preparatory initiative for the hackathon, the organizing team conducted a series of domain-specific bootcamps prior to the event to ensure that participants were well equipped with the required technical understanding and workflow clarity. The Agentic AI Bootcamp was conducted on 25th and 26th November 2025, followed by the UI/UX Bootcamp held on 26th and 27th November 2025. Bootcamps for Vibe Coding and Web Development were conducted on 26th November 2025, with all sessions held from 7:30 PM to 9:00 PM.



The successful conduct of both the Smart India Internal Hackathon 2025 and ZIGNASA 2025 highlights the Department of Computer Science and Engineering's sustained commitment to experiential learning, innovation, and national-level technical engagement.

**Inputs from Mrs. E.N. Vijaya Kumari, Asst. Prof, Dept. of CSE**

# MESSAGE FROM

## Head of Department, CSE-AIML

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**Dr. K. Sai Prasad**  
**Head of the Department**  
**Computer Science and Engineering**  
**(Artificial Intelligence & Machine Learning)**

“The future belongs to those who create intelligent solutions for real-world problems.” With this vision, the Department of CSE (Artificial Intelligence & Machine Learning) is dedicated to nurturing technology innovators equipped with strong core computing fundamentals and advanced knowledge in AI and ML.

The department combines essential subjects like Programming, Data Structures, Algorithms, DBMS, and Software Engineering with specialized areas such as Artificial Intelligence, Machine Learning, Data Science, Deep Learning, NLP, and Computer Vision.

Through practical labs, real-time projects, internships, workshops, and industry exposure, students develop analytical, technical, and problem-solving skills. We strive to shape ethical and innovative engineers capable of building intelligent, data-driven solutions for the future.



# DEPARTMENTAL ACHIEVEMENTS

## CSE-AIML

### **Computer Science and Engineering - Artificial Intelligence and Machine Learning:**

The Department of Computer Science and Machine Learning (CSM / AIML) at MLR Institute of Technology continued to demonstrate steady academic progress and research advancement during the academic year 2025. The department maintained a strong focus on emerging technologies, research-driven teaching, faculty development, and student-centric learning practices.

### **Faculty Development Programmes and Certifications**

During the academic year 2025, faculty members of the Department of Computer Science and Machine Learning actively participated in a wide range of Faculty Development Programmes (FDPs) and professional training programmes conducted by reputed academic institutions and industry organizations.

Ms. G. Umamaheswari participated in a five-day FDP titled “Responsible and Explainable AI” conducted from 30 June 2025 to 04 July 2025 by Koneru Lakshmaiah Education Foundation (Deemed to be University), Hyderabad. She also attended a one-week FDP on “Augmented Reality / Virtual Reality (AR/VR)” held from 25 August 2025 to 31 August 2025, organized by Dr. Vithalrao Vikhe Patil College of Engineering, Ahilyanagar, C. V. Raman Polytechnic, Bhubaneswar, in collaboration with ExcelR Edtech Pvt. Ltd.

Ms. G. Sowmya attended a two-week FDP on “*Full Stack Java*” conducted from 04 August 2025 to 16 August 2025 by SkillDizire, in collaboration with AICTE, and also participated in a five-day FDP on “*Generative AI*” held from 04 August 2025 to 08 August 2025, organized by Brainovision.

Ms. B. Sri Lakshmi Saritha attended a five-day FDP on “*AI, ML and Data Science with Research Applications*” conducted from 21 July 2025 to 26 July 2025 by the Department of CSE, MLR Institute of Technology.

In August 2025, seven faculty members (Mr. P. Babu, Mr. G. Ravi, Mr. S. K. Gouse Pasha, Mr. K. Biksheswara Rao, Ms. S. Sandhya Rani, Ms. M. L. Saranya, and Mr. R. Akhilesh Reddy) participated in Quantum Computing FDPs hosted by KIIT University, RAIT Navi Mumbai, and New Horizon College of Engineering.

Ms. S. Priyanka attended a five-day FDP on “AI, ML and Research on Research Applications” at MLR Institute of Technology (July 2025), and completed a 40-hour Virtual APEX FDP organized by TCS (Aug-Sep 2025).

During the academic year, Dr. K. Varada Rajkumar attended two FDPs: “From Chalkboards to Chatbots: Faculty Voyage in AI” at IIT Ropar (July 2025), and “IoT with Machine Learning in Defence Applications” by NIT Patna and MIT Bengaluru (August 2025).

Mr. R. Akhilesh Reddy also attended a two-week FDP titled “*Data Science with Generative AI*” conducted from 07 July 2025 to 18 July 2025 by Innomatics Research Labs.

Through these FDPs and certifications, faculty enhanced their technical and teaching skills in emerging fields like AI, ML, Quantum Computing, and AR/VR, directly enriching our curriculum delivery.

## Student Internships

Students of IV CSM secured internships across various organizations, commencing between February 2025 and September 2025. Mr. Dattasree Sandeep Chittibomma (22R21A6607) of IV CSM-A commenced an internship with Satven on 14 July 2025. Mr. Varukolu Vinayak (22R21A66K1) of IV CSM-C began his internship at Smartfolio on 15 July 2025, while Mr. Rithvik Chowdary M (22R21A6699) of IV CSM-B joined Anvi Space Private Limited on 03 February 2025.

Mr. L. Karthik (22R21A6630) interned at Antmark starting 14 July 2025, and Mr. B. Parthiv Reddy (22R21A66D9) at Edodwaja Pvt. Ltd. on 20 March 2025. Mr. Manthapuri Nithin (22R21A66A1) joined Unified Mentor on 01 April 2025, while Ms. Gaddam Harshitha Yadav (22R21A66E6) and Mr. Abhinay Musku (22R21A66H4) joined Knowvation Learnings in July 2025.

Mr. Kushwant KR (22R21A66D5), Mr. Bollepalli Abhilash (22R21A66D8), and Ms. Donepudi Haripriya (22R21A66E4) interned at Zidio Development during June–July 2025.

## CSE-AIML

Mr. Vivek Krishna (22R21A66K2) and Ms. Hansika Mupparti (22R21A66G1) joined RXR Solutions and Bento Labs, respectively, in late July 2025. Additional internships extended through September 2025 at organizations like Springer Capital, Crescent Vision Care, Crayon'd, Codemania Edu Tech, and Amdox. These internships provided practical industry experience in software development, data science, and machine learning.

### NSS and Social Outreach Activities

In 2025, CS & ML students actively participated in NSS and social outreach programs, demonstrating a strong commitment to community engagement.

On 28 July 2025, Mr. G. Bhargav (23R21A6622), Mr. G. Sidhartha Reddy (23R21A6624), and Ms. Anu Sri (23R21A6642) participated in an AIMS plantation drive. Later, on 06 August 2025, Mr. G. Bhargav and Mr. Ashish (23R21A6652) attended an NSS CPR Training Programme at AIMS to learn essential life-saving skills.

Ms. K. Monisha (23R21A6698) participated in an Eco-friendly Rakhi Celebration at MLR Institute of Technology on 09 August 2025. From 11 to 14 August 2025,

Mr. G. Bhargav (23R21A6622) and Mr. G. Sidhartha Reddy (23R21A6624) took part in a cloth donation drive at the Erragadda Slum Area.

Mr. Bhargav and Mr. Sidhartha Reddy also attended the MLRIT NSS Orientation on 20 August, followed by Mr. Bhargav's participation in a Medchal mattress donation drive on 23 August 2025.

Overall, the 2025 academic year highlights the Department of Computer Science and Machine Learning's commitment to academic quality, research, and student development. The active participation of our faculty and students across various professional and social initiatives demonstrates our steady progress and readiness for future achievements.

### Inputs from Ms. P Vijay Keerthika, Asst. Prof, Dept. of CSE-AIML



# MESSAGE FROM

## Head of Department, ECE

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**Dr. S. V. S. Prasad**  
**Head of the Department**  
**Department of Electronics and**  
**Communication Engineering**  
**MLR Institute of Technology**

Technology continues to reshape our world, and Electronics and Communication Engineering remains at its core.

Electronics and Communication Engineering is a dynamic discipline driven by innovation and continuous technological advancement.

With more than 20 years of experience in teaching and research, and specialization in Image Processing and VLSI, I have observed how rapidly evolving technologies continue to expand the scope and impact of this field.

Success in this domain requires strong fundamentals, analytical thinking, and a spirit of inquiry. I encourage students to remain curious, resilient, and committed to continuous learning, as these qualities are essential for adapting to emerging challenges and opportunities.



# DEPARTMENTAL ACHIEVEMENTS

## ECE

### **Electronics and Communication Engineering:**

In 2025, the ECE Department at MLR Institute of Technology focused on academic excellence, practical learning, and research. Supported by experienced faculty and Centers of Excellence, students engaged in hands-on projects and competitions across emerging areas like Embedded Systems, VLSI, and IoT, preparing them for industry and higher education.

### **Faculty Interaction, Professional Development, and Certifications**

During the September-December 2025 period, faculty members of the Department of Electronics and Communication Engineering actively participated in academic interactions, professional development programmes, and certification initiatives. Dr. T. S. Arulananth served as a Technical Reviewer for academic activities conducted by NIT Puducherry on 06-07 December 2025 in online mode, contributing to scholarly evaluation involving over 250 participants.

Certification through the NPTEL-SWAYAM platform in October 2025, reflecting continuous engagement with emerging technical domains.

Between July and October 2025, several faculty members completed NPTEL and SWAYAM courses to strengthen academic delivery. Key certifications included Mr. S. Naveen Kumar and Mr. G. Karthik Reddy in Deep Learning/ML, Mr. Chinthakindi Babaiah in Operating Systems and AI, and Mr. Hari Babu Yadav Kollusu in Data Structures. Additionally, twelve other faculty members earned certifications in advanced areas like Cloud Computing, IoT, VLSI Design Flow, LLMs, and Data Analytics.

### **Student Industry Exposure and Academic Visits**

ECE students were provided with industry and research exposure through academic visits during November 2025. On 12 November 2025, students visited the India Meteorological Department (IMD), Begumpet, Hyderabad, under the coordination of Dr. G. Karthik Reddy and Dr. Manoj Kumar. Subsequently, on 18 November 2025,

## ECE

students visited the National Remote Sensing Agency (NRSA), Hyderabad, coordinated by Mr. Hari Babu and Mr. S. Naveen Kumar. These visits enabled students to gain practical insights into meteorological systems, satellite communication, and real-time data processing applications.

### Student Certifications and Skill Development

A significant number of ECE students actively pursued MOOC and NPTEL certifications during the academic year. Students including Akshit Chandna, Allamsetti Yoshitha, Badavath Bhavani Prasad, Likhil Sai Reddy, B. Nikhil Vinay Datta, Bandari Hari Vishnu, Vijay Kumar, Basa Varshini, Bharath Kumar, Biradar Vaishnavi, Boggula Nandini, and many others successfully completed NPTEL courses in Introduction to Internet of Things, Digital Circuits, Digital System Design, and Data Structures and Algorithms during July - October 2025 and January - April 2025. In addition, students such as Somu Mohan Reddy, Nellutla Vinay, Valurothu Vamshi, Kaply Murali Krishna, Pathipaka Aneesh, and S. Praneeth Reddy completed certifications in Programming in Java, Data Analytics with Python,

Robotics, and Cloud IoT Edge ML. The large-scale participation in certification programmes highlights the department's strong emphasis on industry-relevant skill development and self-directed learning.

### Student Participation in Competitions and Technical Events

ECE students actively participated in national-level technical competitions and design challenges. P. Harikrishna, I. Shivaji, and Abhinava Goud participated in Hack-A-Thon 1.0 (2025), while Abhinava Goud also represented the department at YE Summit 2025. Students Sidharth and Aditya participated in Robo Sumo-25, showcasing robotics-based solutions, and Divya and Aditya took part in T-Hub-25, gaining exposure to innovation-driven competitive platforms. These participations enhanced students' practical skills, teamwork, and competitive confidence.



## Training Programmes and Technical Sessions

As part of departmental training initiatives, a technical interaction session on QNX Technology was conducted on 03 December 2025 for a duration of two hours, with participation from approximately 180 students. The session provided exposure to real-time operating systems and embedded system applications, supporting students' understanding of industry-relevant technologies.

The activities undertaken by the Department of Electronics and Communication Engineering during the September-December 2025 period demonstrate a balanced focus on faculty development, student skill enhancement, industry exposure, and competitive engagement. Active involvement in certifications, academic visits, technical training programmes, and national-level competitions reflects the department's sustained commitment to academic quality and professional readiness.

**Inputs from Mr. K. Purushotham,  
Asst. Prof, Dept. of ECE**



# MESSAGE FROM

## Head of Department, EEE

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**Prof. Ashok Kumar Cheeli**  
**Head of the Department**  
**Electrical and Electronics Engineering**  
**MLR Institute of Technology**

The Department of Electrical and Electronics Engineering is committed to delivering quality education that integrates strong theoretical knowledge with practical expertise. With well-equipped laboratories, modern classrooms and experienced faculty members, the department provides an environment that supports academic excellence and innovation.



Our industry-relevant curriculum and continuous learning initiatives, including seminars and workshops, prepare students to meet the evolving demands of technology and society. We strive to nurture competent engineers who contribute responsibly to the profession and the community.

We remain dedicated to fostering innovation, integrity and lifelong learning among our students.

# DEPARTMENTAL ACHIEVEMENTS

EEE

## **Electrical and Electronics Engineering:**

The Department of Electrical and Electronics Engineering (EEE) at MLR Institute of Technology focused on strengthening technical competence, practical exposure, and industry-relevant learning during the academic year 2025. Emphasis was placed on core areas such as Electrical Machines, Power Systems, Control and Automation, Power Electronics, Renewable Energy, and the application of data-driven technologies in electrical engineering. Through workshops, expert talks, industrial visits, certification initiatives, and hands-on training programmes, the department actively engaged students and faculty in experiential learning.

## **National Level Workshop on Machine Learning Applications in Electrical Engineering**

As part of its focus on emerging technologies, the Department of Electrical and Electronics Engineering organized a Two-Day National Level Workshop titled “From Data to Decisions: Machine Learning Applications for Predictive Analytics in

A Skill Building Bootcamp” on 24th and 25th October 2025. The workshop was conducted for students and faculty members with the objective of introducing machine learning concepts and their application to real-time electrical engineering problems.

The programme commenced with an inaugural session followed by an introductory lecture on predictive analytics and machine learning, highlighting their relevance in electrical engineering applications. On the first day, participants attended hands-on sessions on Linear Regression and Polynomial Regression, where they learned real-time dataset generation, Python-based model development, and validation techniques for predicting electrical machine performance.

The second day focused on advanced machine learning algorithms, including K-Means Clustering applied to energy consumption data and Logistic Regression for fault analysis using real-time transformer datasets. Participants actively developed and validated predictive

models through practical case studies using Python. The workshop significantly enhanced participants' understanding of data analysis, predictive modelling, and machine learning-based decision-making in electrical engineering applications. The programme concluded with a valedictory session, marking the successful completion of the workshop.

### **National Energy Conservation Day Celebration**

The Department of Electrical and Electronics Engineering successfully organized the National Energy Conservation Day Celebration on 15th December 2025 at JC 311, Department of EEE, MLRIT, with the aim of creating awareness about energy conservation and sustainable practices among students.

As part of the programme, an expert talk was delivered by Mr. M. Sreenivasa Reddy, Associate Professor, Department of EEE, who emphasized the growing global demand for energy, the importance of efficient energy utilization, and the role of renewable energy technologies in achieving sustainability. The session highlighted the responsibility of engineers in addressing global energy challenges and encouraged students to adopt energy-efficient habits in both professional

and personal contexts.

The event was coordinated by Dr. Sumana Das, Associate Professor and Faculty Coordinator, EEE, under the leadership of Prof. C. Ashok Kumar, Head of the Department and Convener, with student coordination by A. Neha Sri and B. Nikitha. The programme enhanced students' understanding of energy management, renewable energy systems, and environmental responsibility.

### **Industrial Visit to 132/33 kV Electrical Substation**

To provide real-time industry exposure, the department organized an industrial visit to a 132/33 kV electrical substation on 06 November 2025. The visit aimed to bridge the gap between theoretical concepts and practical power system operations by exposing students to high-voltage transmission and distribution infrastructure.

During the visit, students observed the functioning of major substation equipment, including power transformers, busbar arrangements, SF<sub>6</sub> circuit breakers, isolators, earthing switches, lightning arresters, current transformers (CTs), and potential transformers (PTs).

## EEE

The visit emphasized safety practices followed in substations and provided students with practical understanding of power flow, protection schemes, and real-time operational challenges in power transmission systems. The industrial visit proved to be an informative and valuable learning experience, strengthening students' practical knowledge of power systems.

### **NPTEL Certifications and Academic Achievements**

The department demonstrated strong engagement in online learning and certification-based education through the National Programme on Technology Enhanced Learning (NPTEL). In the recent NPTEL examinations, five faculty members and twenty-seven students from the Department of Electrical and Electronics Engineering successfully qualified.

This achievement reflects the department's commitment to promoting self-learning, skill enhancement, and academic excellence through nationally recognized platforms.



Participation in NPTEL courses enabled both faculty and students to gain exposure to advanced concepts aligned with industry standards and academic requirements, further strengthening their technical competence and professional readiness.

**Inputs from Ms. T. Mrudula., Asst. Prof, Dept. of EEE**

# MESSAGE FROM

## Head of Department, AERO

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**Dr. M. Satyanarayana Gupta**  
**Head of the Department – Aeronautical Engineering**  
**MLR Institute of Technology**

On behalf of the Department of Aeronautical Engineering, I extend a cordial welcome to all aspiring engineers.

Our department is committed to delivering quality education and fostering a strong culture of research and innovation in the domain of aeronautical engineering.

We empower students with the knowledge and skills required to address real-world challenges in aviation and aerospace through a rigorous academic framework that integrates conceptual understanding with hands-on, application-oriented learning.

With rich academic and research experience, I strive to guide the department in strengthening its focus on aerodynamics, aircraft design, propulsion systems, unmanned aerial vehicles, and emerging aerospace technologies. My vision is to promote outcome-based education, research-driven learning, and meaningful industry collaboration to elevate the department to nationally and globally recognized standards.

Along with our dedicated faculty, we have designed a curriculum that emphasizes core engineering fundamentals, practical design exposure, and evolving technological trends in the aerospace sector. Our objective is to nurture skilled aeronautical engineers, motivated researchers, and responsible professionals who can contribute meaningfully to the advancement of the aviation industry and society at large.



# DEPARTMENTAL ACHIEVEMENTS

## AERO

### **Aeronautical Engineering:**

The Department of Aeronautical Engineering at MLR Institute of Technology is dedicated to academic excellence and industry-oriented learning. In 2025, the department fostered innovation and professional readiness through structured academic programs, faculty upskilling, student internships, and active participation in national-level technical and social initiatives.

### **Faculty Academic Engagement and Professional Development**

As part of its continuous improvement practices, the department emphasized faculty upskilling and academic enrichment. A technical lecture on “1D Transient Heat Conduction Equation” was delivered on 10 November 2025, contributing to knowledge dissemination and academic rigor. Faculty members also demonstrated a strong commitment to lifelong learning through successful completion of NPTEL courses and participation in Faculty Development Programs (FDPs).

Faculty members completed two NPTEL certification courses, including Aircraft Stability and Control and Accreditation and Outcome-Based Learning. Additionally, three FDPs were attended on emerging themes such as Industry 4.0 manufacturing, AI in education, and accreditation practices, conducted under reputed platforms like ATAL and IIT Kharagpur. Further strengthening industry exposure, the Head of the Department, Dr. MSN Gupta, along with seven faculty members, participated in a 12-day Internship Program on “Aerospace Systems Integration & Hands-On Practice” held at MLRIT from 09 to 20 December 2025.

### **Faculty Achievements, Guest Lectures, and Recognitions**

Faculty members of the department received recognition and contributed significantly beyond the campus through expert lectures and national-level engagements. An Appreciation Certificate was awarded during Teacher’s Day Celebrations 2025 for excellence in aerospace digital learning. Faculty also served as guest

## AERO

speakers in five academic and social programs, addressing topics such as Aerospace Structures, Intellectual Property Rights, UAV technologies, and NSS initiatives.

Participation in the Indo-Danish Cooperation Programme further reflects the department's involvement in international academic collaboration and professional development.

### **Student Internships and Industry Exposure**

The department placed strong emphasis on practical exposure and industry readiness. During 2025, six final-year students successfully completed internships ranging from one to three months in leading organizations such as ISRO (Bangalore), TATA Advanced Systems Limited, TATA Sikorsky Private Limited, Dynamic Technologies, Accure Progressive LLP, and Vrishchik Technologies LLP.

These internships enabled students to apply classroom learning in real-world aerospace environments, strengthening their technical skills, professional confidence, and career preparedness.

### **Student Participation, Achievements, and Outreach Activities**

Students of the department actively participated in a wide range of technical, sports, cultural, and social responsibility activities. A team of ten students represented the department at the SAE DDC Workshop held at NSS College of Engineering, Kerala. One student represented the university at the South Zone Inter-University Basketball Tournament 2025, demonstrating excellence in sports.

Students also engaged in cultural competitions, securing a first prize in an NSS Day painting competition, and contributed to society through blood donation, NSS awareness programs, and participation in National Unity Day, SDG Walks, and social service campaigns. Participation in National Adventure Camp and National Integration Camp further enriched students' leadership and teamwork skills.

### **Student Certifications and Online Learning**

The department encouraged students to enhance their knowledge through online learning platforms. A total of 64+ NPTEL certifications were achieved by students across seven aerospace-related courses, including *Introduction*

## AERO



to Airplane Performance, Aircraft Design, CFD, Aerodynamic Design of Compressors and Fans, and Composite Materials and Structures. This strong participation reflects students' proactive approach toward self-learning and advanced technical competence.

The Department of Aeronautical Engineering's activities during 2025 highlight its sustained efforts to integrate academic learning with industry exposure, research orientation, and social responsibility. Through faculty development, student internships, certifications, and national-level participation, the department continues to prepare students for competitive professional careers and higher academic pursuits in the aerospace domain.

**Inputs from Mr. Uday Rajana Goud, Asst. Prof, Dept. of AERO**

# MESSAGE FROM

## Head of Department, MBA

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**Dr. N. Ramanjaneyulu**  
**Head of the Department – Master of**  
**Business Administration**  
**MLR Institute of Technology**

On behalf of the Department of Management Studies, I extend a cordial welcome to all aspiring management professionals.

Our department is dedicated to delivering quality management education and fostering a culture of innovation, leadership, and strategic thinking in the field of business administration.

We empower students with the knowledge, analytical abilities, and decision-making skills required to address real-world business challenges through a comprehensive academic framework that blends theory with practical application.

With rich academic and industry experience, I strive to guide the department in strengthening its focus on core management domains such as finance, marketing, human resources, operations, and entrepreneurship, along with emerging areas in business analytics and digital transformation. My vision is to promote outcome-based education, experiential learning, and strong industry collaboration to position the department at nationally and globally recognized standards.

Along with our dedicated faculty, we have designed a curriculum that emphasizes foundational business principles, case-based learning, leadership development, and evolving trends in the corporate world.



# DEPARTMENTAL ACHIEVEMENTS

## MBA

### **Department of Master of Business Administration (MBA)**

The Department of Master of Business Administration at MLR Institute of Technology is dedicated to nurturing future business leaders through academic rigor, industry exposure, professional skill development, and cultural enrichment. By integrating classroom learning with co-curricular and extra-curricular activities, the department emphasizes holistic development, ethical leadership, and real-world managerial competence. During the academic year **2025**, the MBA department actively engaged students and faculty through academic conferences, faculty development programs, guest lectures, internships, certifications, cultural celebrations, and sports activities, reinforcing its commitment to excellence in management education.

### **Cultural Engagement: Bathukamma Celebrations at MLRIT**

The MBA Department actively participated in the Bathukamma celebrations, a vibrant cultural festival of Telangana that reflects the region's rich traditions and community spirit.

Students, faculty members, and department leadership came together in large numbers to decorate pyramid-shaped Bathukammas using seasonal flowers such as gunugu, ganneru, marigolds, and white lilies, creating a visually striking and fragrant display.

The celebration featured traditional folk songs, rangoli designs, and a large centerpiece Bathukamma, fostering cultural pride and inclusivity on campus. The event was further elevated by the gracious presence of Director Ms. M. Anushreya Reddy and Principal Dr. K. Srinivasa Rao, whose active participation highlighted the institution's commitment to blending academic life with cultural heritage.

### **Faculty Academic Contributions and Conferences**

Faculty members of the MBA department made notable academic contributions through conference participation and research dissemination. Ms. M. Umrez presented a research paper titled "A Study on Customer Satisfaction Towards Q-Commerce with Reference to Consumer Goods" at the International Conference on Research Pathways to 2030:

## MBA

Insights for Sustainable Development, organized by Patrician College of Arts and Science, Erode, on 26 September 2025.

This participation reflects the department's focus on research aligned with contemporary business and sustainability challenges.

### **Faculty Certifications and Professional Development**

Faculty members demonstrated a strong commitment to continuous professional development by successfully completing NPTEL certification courses and participating in Faculty Development Programmes (FDPs).

Multiple faculty members completed NPTEL courses in areas such as Financial Accounting, Managing Services, and Customer Relationship Management, with Dr. G. Jostna Kumar being recognized as an NPTEL Enthusiast for the July–December 2025 cycle. In addition, faculty participated in several AICTE–ATAL and MSME-recognized FDPs, covering themes such as Industry 4.0, innovative teaching pedagogy, SPSS, outcome-based education, generative AI in teaching and research, Indian Knowledge Systems, and innovation leadership. These programs enhanced faculty competencies in modern pedagogical practices and emerging management education trends.



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.

### **Guest Lectures and Knowledge Enrichment Programs**

The MBA Department organized and contributed to multiple guest lectures aimed at enhancing student exposure to industry practices and managerial skills.

## MBA



Ms. M. Umrez, Assistant Professor, served as a resource person for an online guest lecture on “Green Business Management” conducted for MBA final-year students of Guru Nanak Institutions Technical Campus on 19 September 2025.

Additionally, Dr. K. Rajendra Prasad, a SEBI-empaneled resource person, delivered an expert lecture on Basic Capital Markets and Financial Freedom on 17 October 2025, providing students with practical insights into stock markets, investment strategies, and financial decision-making.

The department also conducted guest lectures on “Lateral Thinking and Logical Perception for Effective Decision Making” and “Build Your Brand: Stand Out and Succeed in a Competitive Business World”, focusing on creativity, personal branding, and managerial judgment. These sessions included interactive activities, real-world examples, and frameworks that encouraged students to think innovatively and strategically.

## Research Publications and Academic Achievements

Faculty members published research articles contributing to scholarly knowledge in management studies.

Dr. N. Ramanjaneyulu and Ms. M. Umrez published an article titled “Behavioural Dynamics of Health Insurance Adoption: A Consumer” in the Indian Journal of Management and Language (IJML), Volume 5, Issue 2, October 2025. Further strengthening academic contributions, Dr. G. Aruna published a book titled “Finance 5.0: Markets, Institutions and Digital Disruption”, reflecting the department’s engagement with contemporary financial and digital transformation themes.



## Student Orientation and Campus Engagement

The MBA Department successfully organized MBA Orientation Day 2025 for first-year students and their parents.

## MBA

The program included lamp lighting, cultural performances, and interactive sessions, creating a welcoming and motivating environment for freshers.

Addressing the gathering, Dr. N. Ramanjaneyulu, HOD-MBA, provided insights into the academic structure and professional scope of the MBA program, while Principal Dr. K. Srinivasa Rao emphasized discipline, ethical conduct, and dedication as pillars of student success. The event concluded with cultural activities and interactive games, leaving students and parents with a memorable campus experience.

### **Student Internships, Certifications, and Achievements**

MBA students actively pursued industry internships, securing opportunities with reputed organizations, including Tata Group entities, through institutional collaborations such as the PLM Centre of Excellence. These internships enabled students to gain hands-on exposure in accounting, management, and administrative domains, enhancing their employability and practical skills. Approximately 30 students actively completed self-learning certifications during the academic year.

### **Sports and Extra-Curricular Achievements**

MBA students actively represented the institute in sports events. The MLRIT girls' volleyball team secured the Runner-Up position in the Equality Cup-2025, held at Pallavi Engineering College from 13 to 15 November 2025. An MBA student, Ms. Marri Krishna Kumari, played a significant role in the team's success, contributing to the institute's achievement at the inter-collegiate level.

The activities conducted by the Department of MBA during the academic year 2025 reflect its strong commitment to academic excellence, industry engagement, cultural enrichment, and holistic student development. Through faculty upskilling, student internships, certifications, research contributions, and co-curricular initiatives, the department continues to prepare students to meet the dynamic challenges of the business world with confidence and competence.

### **Inputs from Mrs. M. Umrez Asst. Prof, Dept. of MBA**

# DEPARTMENTAL ACHIEVEMENTS

## IQAC

The Internal Quality Assurance Cell (IQAC) of MLR Institute of Technology actively organised academic, professional development and wellness-oriented programmes during the September–December 2025 period, reinforcing its commitment to quality enhancement, faculty development and institutional excellence.

### **AICTE–ATAL Online Faculty Development Programme**

The IQAC, in collaboration with the Teaching Learning Centre (TLC), organised a six-day AICTE–ATAL sponsored online Faculty Development Programme on “AI in Education: Tools and Trends in Teaching” from 15 to 20 September 2025. The programme aimed to familiarise faculty members with the effective integration of artificial intelligence tools in modern teaching practices and to promote innovative, learner-centric pedagogical approaches.

The programme was coordinated by Dr V. Radhika Devi, Head–IQAC and Dean, Science & Humanities, with Dr P. Pramod Kumar, Member IQAC, serving as Co-Coordinator. The organising committee included Dr K. Aravind, Head–TLC, Dr Shrikanth Upadyay, Member IQAC, and Mrs G. Anitha, Member IQAC. A total of 343 participants from 23 states across India attended the programme, with major participation from Telangana, Tamil Nadu, Andhra Pradesh, Karnataka, Maharashtra and Gujarat, highlighting the programme’s wide national reach and academic impact.



## IQAC

### Men's Health Matters: Awareness, Prevention and Education

As part of its faculty welfare initiatives, the IQAC organised an awareness session titled “Men's Health Matters: Awareness, Prevention and Education” on 19 December 2025, from 3:00 PM to 4:00 PM, at Room 403, JC Block, MLR Institute of Technology. The session was conducted by Dr D. T. V. Naresh, Professor of Pharmacology, AIMS, who addressed key aspects of men's health, preventive care and lifestyle management. The programme was attended by 55 male faculty members from various departments, and the interactive discussion enhanced awareness on health education and preventive practices among staff members.

### Seminar on Dr. Radhakrishnan Committee Report and Viksit Bharat Shiksha Adhishthan

The IQAC also organised a seminar on “Insights of Dr. Radhakrishnan Committee Report: An Overview of Viksit Bharat Shiksha Adhishthan” to provide faculty members and academic leaders with an understanding of higher education reforms in India.

The seminar focused on the vision of Dr Sarvepalli Radhakrishnan, the principles of value-based education, academic excellence and nation-building through education. It further highlighted the relevance of the Viksit Bharat Shiksha Adhishthan (VBSA) Bill, regulatory reforms in higher education and alignment with NEP 2020 and contemporary quality assurance frameworks. The programme fostered awareness among faculty members regarding policy reforms and their implementation at the institutional level.



### Overall IQAC Impact

The initiatives conducted by IQAC during the September–December 2025 period demonstrate its proactive role in strengthening academic quality, faculty capacity building, institutional governance and staff wellbeing. Through national-level faculty development programmes, awareness sessions and policy-oriented seminars, IQAC continues to play a pivotal role in enhancing the quality culture and academic excellence of the institution.

**Inputs from Dr. Pamod Kumar P, Dept. of IQAC**

# DEPARTMENTAL ACHIEVEMENTS

## TLC

### Event I

An expert webinar titled “Pedagogical Teaching–Learning Skills and Methodologies for Young Faculty Professionals in Engineering Education” was conducted on 15 November 2025 at MLR Institute of Technology, Hyderabad, in collaboration with the IEEE Education Society, Hyderabad. The session was delivered by Prof. V. B. Chithra, Professor of English and Director – Women Empowerment, JNTUA, Ananthapuramu. The webinar focused on strengthening pedagogical competencies among young faculty professionals by emphasizing contemporary teaching methodologies aligned with Outcome-Based Education (OBE). The session highlighted approaches such as problem-based learning, flipped classrooms, and student-centered instruction to enhance classroom effectiveness. Key pedagogical principles discussed included effective communication, inclusivity, adaptability, collaboration, mentoring, and learner motivation.

### Event II

The Faculty Induction Programme – November 2025 was conducted from 17 November 2025 to 22 November 2025 with the objective of orienting faculty members towards the philosophical, pedagogical, and practical dimensions of effective teaching in higher education. The programme was designed to enhance faculty awareness of outcome-based education frameworks and learner-centered instructional practices. The sessions covered Course Outcomes (COs) and Programme Outcomes (POs), with a strong emphasis on outcome articulation, mapping, and alignment with teaching and assessment strategies.



## TLC

Faculty members were introduced to Bloom’s Taxonomy, higher-order assessment techniques, emerging AI tools, and digital teaching resources for effective classroom delivery. Special focus was placed on rubric design, ethical teaching practices, and learner-centered pedagogy, fostering reflective and outcome-oriented educators.

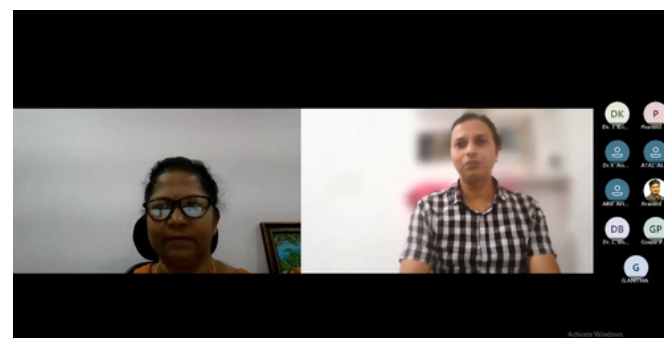


### Event III

The *Faculty Conclave – December 2025* was conducted from 15 December 2025 to 16 December 2025 and organized by the Internal Quality Assurance Cell (IQAC) in association with the Teaching and Learning Centre. Faculty Conclave VIII served as a capstone platform under the Faculty Induction Programme, enabling faculty members to demonstrate the practical implementation of modern pedagogical practices.

During the conclave, participants delivered one-hour teaching sessions showcasing clearly defined learning outcomes, structured session plans, real-time applications, and the integration of AI and contemporary teaching tools. The conclave emphasized active learning strategies, assessments mapped to Bloom’s Taxonomy at Level 3 and above, and the use of well-aligned evaluation rubrics. Faculty performance was assessed using a comprehensive rubric evaluating pedagogy, assessment design, communication effectiveness, and presentation skills, thereby reinforcing a culture of reflective practice, student-centered instruction, and outcome-based teaching.

### Inputs from Dr. K. Aravind Mudhiraj, Dept. of TLC



# DEPARTMENTAL ACHIEVEMENTS

## PLACEMENT

The placements data for the B.Tech 2026 batch reflects consistent recruitment activity across multiple departments, highlighting the steady engagement of reputed companies with the institution. Students from CSE, IT, CSIT, CSC, CSM, CSD, ECE, EEE, and Aeronautical Engineering departments have secured placements in leading organizations with competitive salary packages.

A significant placement outcome is observed with VIRTUSA, where 35 students from CSE, IT, CSIT, CSC, CSM, CSD, and ECE departments were selected. The offered annual salary package ranges between Rs. 5.00 LPA and Rs. 6.50 LPA, indicating strong demand for students from core computing and allied branches. In the Aeronautical Engineering domain, 12 students from the B.Tech 2026 batch were selected by TATA ADVANCED SYSTEMS LIMITED, each receiving an annual salary package of Rs. 5.00 LPA. This achievement highlights industry recognition of aeronautical students and the department's growing placement performance.



Another major contributor to placements is INFOSYS, which selected 92 students from CSE, IT, CSIT, CSC, CSM, CSD, ECE, and EEE departments with an annual salary package of Rs. 3.60 LPA, reflecting large-scale recruitment across diverse technical streams. Additionally, ITC INFOTECH selected 24 students from CSE, IT, CSIT, CSC, CSM, and CSD departments, offering an annual salary package of Rs. 4.25 LPA, further strengthening the overall placement statistics. Individual and niche placements were also recorded. One student from the ECE department was selected by SAFRAN AIRCRAFT ENGINES, with an annual salary package of Rs. 4.00 LPA, along with a monthly stipend of Rs. 15,000 during a six-month internship period. Furthermore, two students from CSE and CSM departments were placed in JMAN GROUP, receiving an annual salary package of Rs. 6.50 LPA.

# MESSAGE FROM

## Club Coordinator, LITERATI

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**Dr. Momin Ali**  
**Club Coordinator, LITERATI,**  
**MLR Institute of Technology**

Club Literati is a vibrant forum where language becomes expression and ideas take meaningful shape. Through engaging debates, literary conversations, creative writing, and interactive activities, the club nurtures critical thinking, confidence, and effective communication. Each initiative encourages students to explore perspectives, articulate thoughts with clarity, and embrace the power of words.

I sincerely appreciate the dedication and enthusiasm of our members and mentors, whose active participation sustains the spirit of the club. Together, we continue to celebrate learning, creativity, and intellectual 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.



**Inputs from Dr. Momin Ali, Asst. Prof, Club Coordinator - Club Literati**

# MESSAGE FROM

## Club Coordinator, CAME

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**Dr. Sundeep Moyya**  
**Club Coordinator**  
**CAME Club**  
**MLR Institute of Technology**

CAME serves as the cultural cornerstone of the institution, promoting creativity, diversity, and holistic student development. The club organizes cultural programs, celebrations, awareness initiatives, and talent-based activities that provide students with opportunities to express their artistic abilities and leadership potential.



Through its consistent efforts to encourage participation, unity, and social awareness, CAME enriches campus life and strengthens the spirit of community. The club contributes significantly to personality development, confidence building, and cultural pride, making the student journey both meaningful and memorable.

# EVENTS & ACTIVITIES



Creating Aspirations for Meeting Elevation (CAME)

Creating Aspirations for Meeting Elevation (CAME) has been a cornerstone of student life at MLR Institute of Technology for over fifteen years, contributing significantly to the cultural vibrancy and creative spirit of the institution. The club plays a vital role in enriching campus life by going beyond academics and creating platforms that encourage student engagement, creativity, leadership, and collaboration. From the first days of campus life to graduation, CAME supports students by providing opportunities to explore their talents and actively participate in institutional events. Functioning as a creative and organizational hub, CAME offers students exposure and hands-on experience in diverse domains such as dance, photography, graphic design, event management, and cultural coordination. Through its strong legacy of excellence and continuous innovation, the club has remained central to campus culture, fostering unity and enthusiasm among students across all academic departments.

During the period from September to December 2025, CAME successfully organized two major cultural events that witnessed active participation from students, faculty, and management. These events collectively recorded a footfall of approximately 2,500 participants and involved students from all academic departments, reinforcing inclusivity and cultural integration across the institution.



## Navrat Naveli 2025

As part of its cultural initiatives, CAME organized Navrat Naveli 2025 on 27 September 2025 at the college grounds, with a footfall of nearly 1,500 participants. The event was themed “Celebrating Colors of Culture and Courage” and was designed to reflect the spirit of Navratri through devotion, tradition, and cultural unity.

# EVENTS & ACTIVITIES

The celebration featured a Bathukamma dance session followed by the ceremonial immersion, symbolizing cultural heritage and collective participation. A thematic skit portraying the story of Lord Narasimha and Prahlada was performed, highlighting values of faith, courage, and righteousness. The event also included a prize distribution ceremony for floral arrangements, where the CSIT Department secured first place and the CSE (AI & ML) Department secured second place. The celebration concluded with an energetic Garba performance followed by a DJ session, creating an atmosphere of enthusiasm and togetherness while bringing students, faculty, and management together in celebration.



Hellenic Eve 2025 – Cineverse  
CAME further organized Hellenic Eve 2025 – Cineverse on 13 December 2025 at the Open Auditorium, with a footfall of approximately 1,000 participants. The event was a cinematic cultural fest celebrating the diversity and impact of Indian cinema. The evening commenced with a traditional lamp lighting ceremony, followed by a series of student performances encompassing singing, dance, and instrumental music. Key highlights included a cinema-themed skit and a special CAME dance performance that showcased Bollywood, Tollywood, and Kollywood, reflecting the rich cinematic heritage of India.



# EVENTS & ACTIVITIES

An interactive session with the movie team of Psych Siddhartha added a unique dimension to the event, engaging students directly with industry professionals. The program also featured a stand-up comedy performance and a live musical act by Band Echo. The event concluded with a high-energy DJ session, marking a vibrant and memorable end to the cultural evening.

The events organized by CAME during 2025 demonstrate the club's sustained commitment to nurturing cultural expression, creativity, and student engagement. Through thoughtfully curated celebrations and large-scale cultural programs, CAME continues to play a pivotal role in strengthening campus life and fostering a sense of community at MLR Institute of Technology.

**Inputs from Mr. Sundeep Moyya,  
Asst. Prof, Club Coordinator - CAME  
Club**

# MESSAGE FROM

## Centre Coordinator, CIE

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**Dr. M. Ganesh**  
**Club Coordinator**  
**Centre for Innovation &**  
**Entrepreneurship (CIE)**  
**MLR Institute of Technology**

CIE is dedicated to nurturing creativity, innovation, and entrepreneurial thinking among students. The centre organizes innovation challenges, hackathons, workshops, and mentoring sessions that encourage students to transform their ideas into meaningful projects, prototypes, and potential start-ups.



By fostering problem-solving abilities, industry collaboration, and real-world application of knowledge, CIE prepares students to think strategically and act innovatively. The centre plays a vital role in shaping responsible innovators and aspiring entrepreneurs who contribute positively to the technological and economic ecosystem.

# EVENTS & ACTIVITIES

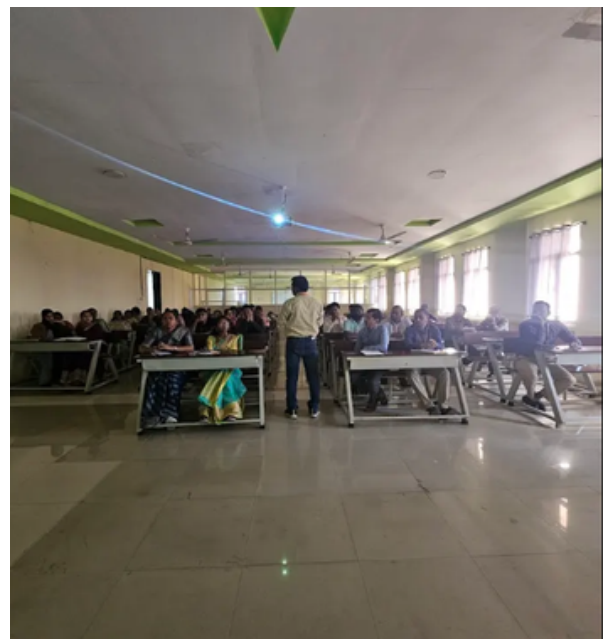


The Centre for Innovation and Entrepreneurship (CIE) at MLR Institute of Technology plays a pivotal role in fostering a culture of innovation, research, and entrepreneurial thinking across the institution. Through structured programs, workshops, and innovation-driven events, the centre consistently encourages faculty and students to transform ideas into viable solutions aligned with national innovation and startup initiatives. During the academic year 2025, CIE organized a series of focused activities aimed at strengthening awareness of Intellectual Property Rights, promoting research and development orientation, and nurturing student innovation through competitive platforms.



## IPR Basics for Innovators & Entrepreneurs

In order to create awareness on the protection and commercialization of intellectual assets, the Centre for Innovation and Entrepreneurship organized the “IPR Basics for Innovators & Entrepreneurs” workshop on 19 September 2025 at MLR Institute of Technology, Hyderabad.



The two-hour expert session focused on familiarizing participants with the fundamentals of Intellectual Property Rights, including copyrights, patents, trademarks, and publicity rights. The program also emphasized the relevance of National Innovation and Startup Policy (NISP) for Higher Educational Institutions, highlighting institutional mechanisms that support innovation and patent filing.

# EVENTS & ACTIVITIES

The session was delivered by Dr. Vivekanand, Professor and Head, IPFC, MLRIT, who provided practical insights into IPR procedures, search mechanisms, and application filing processes.

## Faculty & Student R&D Orientation Program

To strengthen the institutional research ecosystem, CIE conducted the Faculty & Student R&D Orientation Program on 30 September 2025 at MLRIT, Hyderabad. The program was designed to sensitize participants to research policies, funding opportunities, and the importance of innovation-driven research.

The two-hour orientation addressed key aspects of research methodology, project proposal writing, patent procedures, and multidisciplinary collaboration. Special emphasis was placed on national and institutional funding agencies, including AICTE, DST, SERB, MSME, and internal R&D cells.

The session was led by Dr. T. Arun Kumar, Professor and R&D Head, MLRIT, whose guidance provided clarity on navigating the research lifecycle from idea generation to execution and dissemination.

## Inter / Intra Institutional Hackathon & Idea Challenge

As part of its efforts to promote experiential learning and entrepreneurial mindset, CIE organized the Inter/Intra Institutional Hackathon & Idea Challenge on 21-22 November 2025 at the CIE, MLRIT, Hyderabad.

The two-day innovation event provided students with an opportunity to collaborate across disciplines, develop prototypes, and pitch solutions addressing real-world problems. The hackathon encouraged rapid ideation, team-based problem solving, and application-oriented innovation in alignment with Institution's Innovation Council (IIC) objectives.

**Inputs from Dr. Laxmi Prasad, Asst. Prof, Centre Coordinator - CIE**

# MESSAGE FROM

## Club Coordinator, SCOPE

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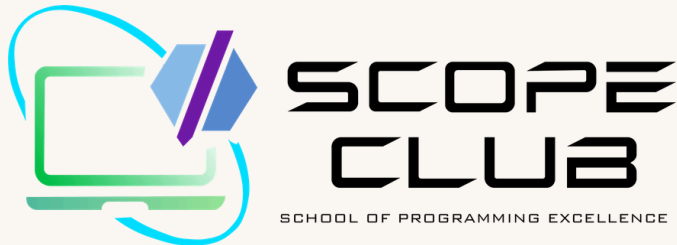
**Dr. Rajashekar Reddy**  
**Club Coordinator**  
**SCOPE Club**  
**MLR Institute of Technology**

SCOPE is a student-led technical community dedicated to strengthening coding excellence, analytical thinking, and problem-solving skills among students. The club focuses on organizing coding sessions, technical workshops, hackathons, and structured mentorship programs that enhance programming proficiency and encourage practical application of theoretical concepts.



Through collaborative learning and continuous skill development initiatives, SCOPE fosters a strong coding culture within the institution. By promoting competitive programming, project-based learning, and industry-oriented preparation, the club empowers students to become confident programmers and industry-ready professionals equipped for future technological challenges.

# EVENTS & ACTIVITIES



The School of Programming Excellence (SCOPE) Club at MLR Institute of Technology is a student-driven technical community aimed at enhancing programming proficiency, problem-solving skills, and exposure to emerging technologies. The club provides a structured platform for students to apply theoretical concepts through practical and collaborative learning.



The club organizes coding sessions, workshops, hackathons, and mentorship programs aligned with industry needs. With the AWS Cloud Club operating under its umbrella, SCOPE also extends learning into cloud computing and industry-oriented cloud practices, supporting continuous skill development and professional growth.

As part of the academic activities for the year 2025, the SCOPE Club organized Action AI Sprint on 6th August 2025, conducted by the Technical Team, SCOPE Club, as a focused hands-on technical event. The objective of this event was to introduce students to the concepts of Agentic AI and LLM-based applications, encourage them to design and build intelligent AI-driven solutions within a limited timeframe, and provide practical exposure to modern AI tools, frameworks, and real-world use cases. The event also aimed at identifying high-performing students and promoting discussions on the future and ethical aspects of artificial intelligence.



# EVENTS & ACTIVITIES

The club further conducted the AWS Cloud Trek Workshop during the academic year, led by AWS Cloud Club mentors and SCOPE Club technical members. The objective of this workshop was to familiarize students with cloud computing fundamentals, AWS services, and industry-relevant cloud practices. Through hands-on demonstrations and guided sessions, the event aimed to enhance students' understanding of scalable cloud architectures and encourage interest in cloud-based career pathways.

Another key event of the year was ZENITH '25: Data Voyage, organized by the SCOPE Club technical and organizing team. The primary objective of this event was to introduce students to data-driven technologies, analytics concepts, and practical problem-solving using data. The event focused on strengthening analytical thinking, promoting teamwork, and helping students understand the real-world applications of data in industry and research domains.

**Inputs from Dr. Raja Shekhar Reddy,  
Asst. Prof, Club Coordinator -  
SCOPE**

# MESSAGE FROM

## Club Coordinator, EWB

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**Dr. N. Yuganand**  
**Club Coordinator – Engineers Without**  
**Borders (EWB)**  
**MLR Institute of Technology**

It gives me immense pleasure to introduce the Engineers Without Borders (EWB) – IUCEE Chapter at MLR Institute of Technology.



Engineers Without Borders is a globally recognized movement that empowers students to apply engineering knowledge for sustainable development and social impact. Guided by IUCEE, our chapter focuses on addressing real-world challenges through innovation, sustainability, and community engagement.

At EWB–MLRIT, we aim to develop socially responsible engineers by combining technical expertise with environmental awareness and ethical leadership. Through workshops, regional forums, industrial visits, innovation summits, and outreach initiatives, students gain hands-on experience in sustainable technologies, climate action, and entrepreneurial problem-solving.

We promote interdisciplinary collaboration while strengthening communication, leadership, and design thinking skills. Our platform enables students to ideate, prototype, and present solutions aligned with the Sustainable Development Goals (SDGs).

We remain committed to nurturing empathetic and visionary engineers who create meaningful change. I encourage all students to actively participate and join us in engineering a more sustainable future.

# EVENTS & ACTIVITIES



## IEEE Day 2025

IEEE Day 2025, themed “Synergy of Minds: Engineering, Medicine and the Power of Standards,” was organized on 7 October 2025 at Arundhati Institute of Medical Sciences, Lecture Hall-3. The event was jointly conducted by the EWB-IUCEE-IEEE MLRIT Student Chapter and served as a platform to bring together students from engineering and medical backgrounds to explore the role of standards, innovation, and interdisciplinary collaboration in addressing real-world challenges. The program emphasized knowledge exchange, professional networking, and the importance of integrating technology with healthcare to create sustainable and impactful solutions for society. Through expert talks, interactive discussions, and collaborative engagement, participants gained deeper insights into how standardized practices and cross-disciplinary teamwork drive innovation in both engineering and medicine.



The three-hour event witnessed participation from two institutions, MLR Institute of Technology and Arundhati Institute of Medical Sciences, and featured two expert speakers who delivered two focused technical sessions. A total of forty-two student organizers actively contributed to the planning and execution of the event. The program covered domains spanning engineering, medicine, and IEEE standards, reinforcing the importance of collaborative learning across disciplines. The sessions encouraged interactive dialogue, enabling participants to gain practical insights into real-world applications of interdisciplinary innovation. Overall, the event strengthened academic partnerships between the institutions and highlighted the value of structured standards in driving impactful technological and healthcare advancements.

# EVENTS & ACTIVITIES



The first technical session, titled “IEEE Standards and Industry Perspective,” was delivered by Mr. Sitaram Tadepalli, Senior Vice President, DBS Tech India and Chair – Industry Relations, IEEE Hyderabad Section. The session provided valuable insights into the global impact and evolution of IEEE, emphasizing the critical role of IEEE standards in ensuring quality, safety, and interoperability across industries. The speaker introduced the concept of the “Fantastic Five Elements” for career growth and engaged students through an interactive quiz session titled “Fiction vs Reality,” which encouraged critical thinking and active participation.

The second session focused on multidisciplinary learning and was delivered by Dr. Atun Roy Choudhury, Technical Head, Unison i3x Pvt. Ltd. The session highlighted the growing significance of biomedical engineering in modern healthcare and emphasized the 4Ps of healthcare, namely Predictive, Preventive, Personalized, and Participatory approaches. A detailed case study on ozone-based PPE waste sterilization was presented, demonstrating an AI-enabled, eco-friendly circular economy model with an effective sterilization time of thirty minutes. The session also included hands-on interdisciplinary interaction, enabling students to understand practical applications at the intersection of engineering and medical sciences.

As part of the event, a Photography and Videography Contest was conducted on the theme “Advancing Technology for Humanity.” The videography competition was won by Shritika, who secured first place for her creative and impactful submission.

**Inputs from Mr. M. Yuganand, Asst. Prof, Club Coordinator - EWB**

# MESSAGE FROM

## Club Coordinator, APEX

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**Dr. Kashi Sai Prasad**  
**Faculty Coordinator – APEX Club**  
**Associate Professor & Head**  
**Department of Computer Science &**  
**Engineering (AI & ML)**  
**MLR Institute of Technology**



It gives me great pleasure to introduce the APEX Club at MLR Institute of Technology.

APEX is the official game development and e-sports community of our institute, dedicated to empowering students to design, develop, and explore interactive digital experiences. Through hands-on workshops, collaborative projects, and competitive gaming events, the club nurtures creativity, technical expertise, and teamwork among aspiring developers and e-sports enthusiasts.

Initiatives such as GENESIS 2025, a comprehensive game development workshop, have enabled students to work with industry-leading tools like Unity, Unreal Engine, and Godot, helping them build original games and gain portfolio-ready skills. These programs create an inclusive platform where beginners and experienced creators collaborate, innovate, and grow.

At APEX, we bridge academic learning with real-world application. From ideation and prototyping to project showcases and campus-wide esports competitions, students are encouraged to push their boundaries while developing leadership, problem-solving abilities, and a collaborative spirit.

I am proud of the dedication shown by our members and confident that APEX will continue to inspire excellence in game development and competitive gaming.

Together, let us innovate, create, and elevate the student experience at MLRIT.

# EVENTS & ACTIVITIES



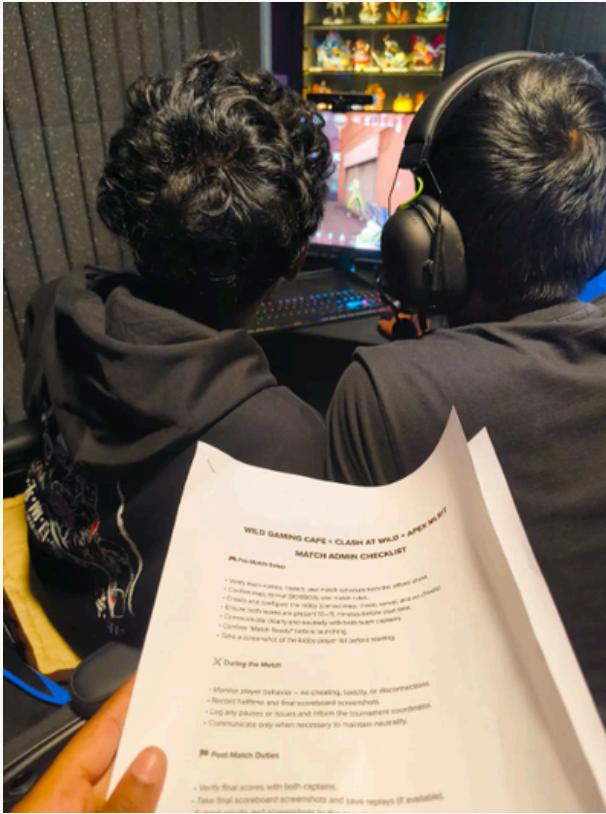
APEX Club is a student-centric initiative focused on promoting holistic development through academic enrichment, skill enhancement, and experiential learning. The club provides a structured platform for students to develop leadership, teamwork, strategic thinking, and communication skills by actively participating in well-planned events and activities. Through competitive events, collaborative programs, and engaging initiatives, APEX encourages student involvement beyond academics, fostering confidence, adaptability, and a growth-oriented mindset while contributing to a vibrant and inclusive campus culture. It also serves as a dynamic space for innovation and networking, enabling students to explore their potential, take initiative, and build meaningful professional and peer connections that support their long-term personal and career growth.

## APEX – Event Overview (2025)

Clash at Wild 2025, organized by APEX on 10th October 2025, was designed as a competitive student engagement event to promote strategic thinking, teamwork, leadership, and decision-making skills. The event provided a high-energy platform where participants collaborated in teams, planned strategies, and executed tasks under competitive conditions. It encouraged effective communication, coordination, and adaptability while fostering a spirit of healthy competition. Through active participation, students enhanced their problem-solving abilities, resilience, and confidence, making the event a meaningful experiential learning opportunity beyond academics.



# EVENTS & ACTIVITIES



## Conclusion

Overall, the events conducted under APEX during the academic year 2025 significantly contributed to holistic student development. By organizing well-structured competitive platforms, APEX enabled students to build leadership, teamwork, communication, and critical thinking skills in an engaging and practical manner. These initiatives reinforced APEX’s objective of fostering an inclusive, skill-oriented, and vibrant campus culture that supports both personal growth and professional readiness.

**Inputs from Dr. Kashi Sai Prasad, HOD, Faculty Coordinator - APEX Club**

The Valorant Campus Championship, conducted on 5th December 2025, focused on developing tactical planning, analytical thinking, teamwork, and sportsmanlike conduct among students. The championship offered participants an opportunity to apply strategy, quick decision-making, and coordination in a fast-paced competitive environment. It also promoted peer interaction, discipline, and mutual respect while allowing students to showcase their skills and competitive spirit. The event successfully engaged a large number of students and strengthened collaboration and leadership qualities.

# MESSAGE FROM

## Club Coordinator, NSS

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**Nayani Uday Ranjan Goud**  
**NSS Club Coordinator**  
**MLR Institute of Technology**

The NSS Club serves as a platform for students to engage in meaningful community service and social responsibility. Through outreach programmes, awareness campaigns and service initiatives, the Club encourages leadership, teamwork and civic consciousness.



We believe that education extends beyond academics and plays a vital role in shaping compassionate and responsible citizens. Students are encouraged to participate actively and contribute positively to society.

Together, we strive to create a culture of service, empathy and social commitment.

# EVENTS & ACTIVITIES



The National Service Scheme (NSS) Unit of MLR Institute of Technology actively carried out a wide range of community-oriented, awareness-driven, and nation-building activities during the period from September to December 2025. Guided by the objective of inculcating social responsibility, civic sense, and leadership qualities among students, the NSS Unit consistently engaged volunteers in programmes addressing health, social awareness, national integration, youth empowerment, and community service. All activities during this period were organized under the supervision of the NSS Unit, MLR Institute of Technology, with the active involvement of NSS volunteers and the guidance of the NSS Programme Officer, Mr. Nayani Uday Ranjan Goud.

## **Blood Donation Activities**

As part of its commitment to healthcare support and social service, NSS volunteers of MLR Institute of Technology conducted blood donation activities on multiple occasions.

On 11 September 2025, four units of blood were donated at Arundathi Hospital, Dundigal, and RVM Hospital, Siddipet District. Another blood donation programme was held on 25 October 2025 at Arundathi Hospital, Dundigal, during which four units of blood were donated. These activities highlighted the volunteers' commitment to healthcare support and saving lives.

## **Hyderabad Liberation Day and Competitive Events**

NSS volunteers participated in Hyderabad Liberation Day painting competitions on 16 September 2025 at Rashtrapathi Nilayam, Secunderabad, promoting historical awareness and patriotism. Volunteers also took part in the *My Bharat – Viksit Bharat Young Leaders Dialogue Quiz Competitions*, conducted online from 10 October 2025 to 31 October 2025, enhancing awareness of national development initiatives.



# EVENTS & ACTIVITIES



## NSS Day Celebrations

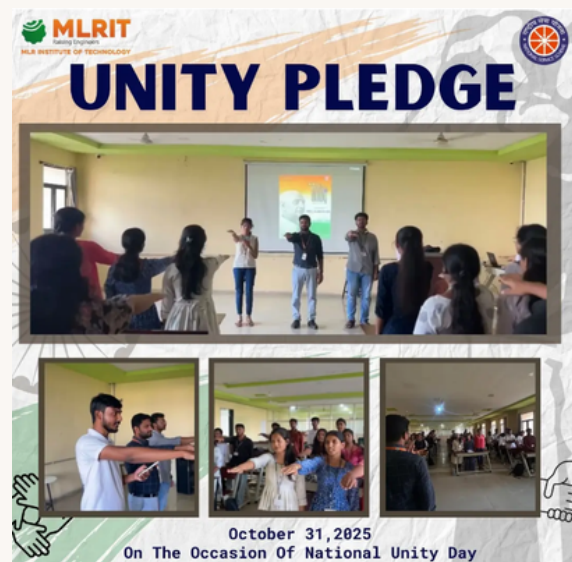
NSS Day celebrations were held at multiple venues. On 23 September 2025, the NSS Programme Officer attended NSS Day celebrations at Rajapalayam Raju's College, Tamil Nadu, in virtual mode and delivered a session on the role of NSS volunteers in nation building. On 24 September 2025, the 56th NSS Day celebrations were conducted at MLR Institute of Technology with essay writing, elocution, painting, and debate competitions, graced by Chairman Sri Marri Laxman Reddy, Principal Dr. K. Srinivas Rao, and the NSS Programme Officer. On 26 September 2025, the NSS Programme Officer attended NSS Day celebrations at Geetanjali College of Pharmacy, Keesara, Medchal District, and delivered a similar session.

## RTI Awareness Campaign

The NSS Unit, MLRIT, organized an RTI Awareness Programme on the Right to Information Act, 2005, on 09 October 2025 at the MLRIT Auditorium. Prof. V. Balakista Reddy, Chairman, Telangana Council of Higher Education, attended as Chief Guest and addressed nearly 1,000 students. The programme was also attended by Chairman Sri Marri Laxman Reddy, Principal Dr. K. Srinivas Rao, Youth Motivator Dr. S. Ravi Teja, the NSS Programme Officer, faculty members, and students.

## Seva Se Seekhen Campaign

NSS volunteers participated in the Seva Se Seekhen Campaign at Arundathi Hospital, Dundigal, from 10 October 2025 to 31 October 2025, assisting patients and attendants and gaining hands-on experience in service, empathy, and community engagement.



# EVENTS & ACTIVITIES

**National Unity Day and Awareness Pledges**

NSS volunteers observed National Unity Day on 31 October 2025 at MLR Institute of Technology by taking a pledge promoting unity and integrity. On 01 December 2025, World AIDS Day was observed through an AIDS Awareness Pledge and awareness activities among MLRIT students.

**Youth & IT SDG Walk**

NSS volunteers participated in the Youth & IT Sustainable Development Goals (SDG) Walk on 01 November 2025 at Necklace Road, Hyderabad. The walk was inaugurated by the Hon'ble Governor, Sri Jishnu Dev Varma, and attended by Prof. V. Balakista Reddy and other dignitaries, highlighting youth involvement in sustainable development.

**National Adventure Camp**

From 10 November 2025 to 19 November 2025, the NSS Programme Officer, Mr. Nayani Uday Ranjan Goud, along with NSS volunteers Vyshnavi, Sachin, Anurichitha, and Vivek, attended the National Adventure Camp at the Atal Bihari Vajpayee Institute of Mountaineering and Allied Sports, Manali, Himachal Pradesh, focusing on adventure training, discipline, teamwork, and leadership.

**National Integration Camp** The NSS Unit, MLRIT, organized a National Integration Camp in collaboration with the NSS Regional Directorate, Hyderabad, from 22 December 2025 to 28 December 2025 at MLR Institute of Technology. The inaugural ceremony was attended by Prof. V. Balakista Reddy (Chief Guest); Sri Marri Rajashekar Reddy, MLA, Malkajgiri (Guest of Honour); Sri M. Ramakrishna, NSS Regional Director; Dr. M. Sudhakar, AP State NSS Officer; Sri Marri Laxman Reddy, Chairman, MLRIT; Dr. K. Srinivas Rao, Principal; Ms. R. Saida, Youth Officer; Dr. V. Radhika Devi; Dr. S. Ravi Teja; and the NSS Programme Officer. A total of 200 NSS volunteers and 14 Programme Officers from 12 states—Punjab, Haryana, Odisha, Madhya Pradesh, Gujarat, Tamil Nadu, Kerala, Karnataka, West Bengal, Maharashtra, Andhra Pradesh, and Telangana—participated. The camp included physical activities, shramdaan, academic sessions, and cultural exchanges, promoting unity in diversity. The NSS activities conducted during September to December 2025 demonstrate the commitment of MLR Institute of Technology towards community service, national integration, and youth empowerment.

# EVENTS & ACTIVITIES



## Event I

An expert webinar titled “Pedagogical Teaching–Learning Skills and Methodologies for Young Faculty Professionals in Engineering Education” was conducted on 15 November 2025 at MLR Institute of Technology, Hyderabad, in collaboration with the IEEE Education Society, Hyderabad. The session was delivered by Prof. V. B. Chithra, Professor of English and Director – Women Empowerment, JNTUA, Ananthapuramu.

The webinar focused on strengthening pedagogical competencies among young faculty professionals by emphasizing contemporary teaching methodologies aligned with Outcome-Based Education (OBE). The session highlighted approaches such as problem-based learning, flipped classrooms, and student-centered instruction to enhance classroom effectiveness.

Key pedagogical principles discussed included effective communication, inclusivity, adaptability, collaboration, mentoring, and learner motivation. The resource person elaborated on the evolving role of faculty from traditional content deliverers to facilitators and mentors, encouraging reflective teaching practices aligned with accreditation requirements and quality assurance standards.

## Event II

The Faculty Induction Programme – November 2025 was conducted from 17 November 2025 to 22 November 2025 with the objective of orienting faculty members towards the philosophical, pedagogical, and practical dimensions of effective teaching in higher education. The programme was designed to enhance faculty awareness of outcome-based education frameworks and learner-centered instructional practices.



# EVENTS & ACTIVITIES

The sessions covered Course Outcomes (COs) and Programme Outcomes (POs), with a strong emphasis on outcome articulation, mapping, and alignment with teaching and assessment strategies. The programme highlighted the importance of active learning methodologies, real-time applications, and problem-based learning to improve student engagement and learning outcomes. Faculty members were introduced to Bloom's Taxonomy, higher-order assessment techniques, emerging AI tools, and digital teaching resources for effective classroom delivery. Special focus was placed on rubric design, ethical teaching practices, and learner-centered pedagogy, fostering reflective and outcome-oriented educators.

## Event III

The Faculty Conclave – December 2025 was conducted from 15 December 2025 to 16 December 2025 and organized by the Internal Quality Assurance Cell (IQAC) in association with the Teaching and Learning Centre. Faculty Conclave VIII served as a capstone platform under the Faculty Induction Programme, enabling faculty members to demonstrate the practical implementation of modern pedagogical practices.

During the conclave, participants delivered one-hour teaching sessions showcasing clearly defined learning outcomes, structured session plans, real-time applications, and the integration of AI and contemporary teaching tools. The conclave emphasized active learning strategies, assessments mapped to Bloom's Taxonomy at Level 3 and above, and the use of well-aligned evaluation rubrics. Faculty performance was assessed using a comprehensive rubric evaluating pedagogy, assessment design, communication effectiveness, and presentation skills, thereby reinforcing a culture of reflective practice, student-centered instruction, and outcome-based teaching.

**Inputs from Mr. Uday Rajan Goud,  
Asst. Prof, Club Coordinator - NSS**

# CONCLUSION

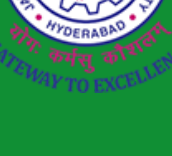
As we bring this edition of the newsletter to a close, we take immense pride in celebrating the collective achievements that define the spirit of our institution. Every department, club, and committee has contributed to making this year a remarkable one – through academic excellence, research pursuits,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



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