



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956

MLR INQUEST

A Magazine From

DEPARTMENT OF ECE

July 2020 – December 2020

Volume-3

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CHAIRMAN MESSAGE



The pride of every student and staff would be in his/her college. A college magazine reach heights of glory but without materials like a college magazine the outside world may not know of it. The role of a college magazine is to promoting what an institution offers. It brings out into the open things which are unrevealed. It brings to light the names of the unsung heroes and their mighty deeds. I am happy that there is a dedicated team of staff and students who have brought out the magazine of our college. They have presented the stupendous achievements of Marri Laxman Reddy Institute of Technology & Management in the fields of academics, research, sports and extra-curricular activities, in a nice way. Dazzle represents the collective work of team. I wish the magazine a grand success.

PRINCIPAL MESSAGE



It is a great pleasure to see the creative expressions of students who had contributed to MLR-INQUEST. MLRITM has grown abundantly in the recent past. It continues to sustain its growth. People reading this magazine will realize the tremendous changes that are happening in the MLRITM campus. The magazine is presenting a glimpse of the growth of the institution on many fronts. The college has been simply unstoppable in its progress as it has been actively involved in various activities that have brought to light the hidden talents of the college students and staff. The highly qualified and dedicated members of staff have always stood shoulder with the management and have carried out their duties with a level of commitment. This magazine has recorded achievements of staff members and students. They stand as a witness to the monumental efforts taken by the management to make the college a center of excellence in education and research. I wish the management, staff and students of the college success in their future endeavors.

HOD MESSAGE



I am happy to learn that MLRITM College of Engineering is coming out with the half yearly college magazine. Efforts such as this will provide an opportunity for the staff and students to showcase their talents in technical writing, essay and poetry writing, sketching and drawings, among others. Such value additions are very much essential for the young technocrats, engineers and scientists, who the college products, to demonstrate their ideas for a developed India. I sincerely appreciate and congratulate the Chairman, Principal, the editorial team and the entire management of the college for their unwavering efforts in compiling this magazine.

Traditional Day Celebration



Students of Marri Laxman Reddy Institute of Technology and Management (MLRITM) celebrated the Traditional Day to promote "UNITY IN DIVERSITY" on 12th November 2020. *"Wearing the Correct dress for any occasion is a matter of good manners"* Students of MLRITM followed this quote on Traditional Day. The students came fully clad in their traditional dress. Their attire looked simply amazing as they collectively displayed an array of colors that reflected the diversity of India. Besides dress, students also exhibited the food, dance, language, culture, famous personalities etc through exhibition and performance of their zone.

Exhibition was inaugurated with lightening of the lamp by Honorary Joint Principal, MLRITM Dr. K Venkateswara Reddy and other Faculty members. Exhibition comprised of East, West, North and South Zone. Each zone displayed their food, dance, language, culture, famous personalities etc.

Event was inaugurated with lightening of lamp and Saraswati puojan by Honorary Joint Principal, MLRITM, Dr. K Venkateswara Reddy and other Faculty members. Principal addressed the gathering and explains the richness of Indian Culture and tradition. Dr. Shri Suresh Shinde addressed the gathering by motivational speech. Each zone exhibited their culture, language, dance etc through presentation and performance.

Program then continued with individual performance. Students had a blast showing their talents on the stage which included ramp walk, dances and skits. Inner creativity and potentialities were driven through this traditional competition.

Result for team event is West Zone ECE I Sec C was winner and North Zone EEE II was runner up. In individual category Kunal Patil from ECE I Sec C was winner, Fabian Rajee from EEE II was Runner up and Simran Gaikwad from ECE I Sec A was second runner up. Prizes were given by Principal.

Traditional Day was celebrated with great gusto and enthusiasm. The programme was concluded with vote of thanks and National Anthem of India.

Alumni Meet



To take a walk down the corridors of nostalgia, Marri Laxman Reddy Institute of Technology and Management (MLRITM) College organized its Annual Alumni Meet on Dec 28, 2020. Over five hundred alumni attended the function who beamed with excitement to return to their Alma Mater. The Chief Guest of the occasion was Ms. Uma Singh, an alumna of the 2009 batch. Dr. Gunjan Kumar Jha, a noted Ghazal singer and Indian Classical Vocalist also graced the occasion with his presence as a special guest.

The Chief Guest addressed the gathering and gave the mantra of success in Dr. APJ Abdul Kalam words that "If you want to shine like a sun, first burn like a sun." She emphasized on the importance of not only achieving success but also sustaining one's success. Some of the alumnus then shared their experience and the interesting moments of their campus life with the audience. They also talked about their journey after bidding adieu to college life and how MLRITM College helped them become independent thinkers and responsible citizens. The event also witnessed various song and dance performances by the current batch of students. The highlight of the event was an extremely soulful rendition of soothing Ghazals by Dr Gunjan Kumar Jha who left the audience mesmerised by his mellifluous voice that transported them into a different era and mood.

Republic Day Celebration



In respect of 71st Republic Day of India flag hosting is organized in the campus along with students and faculties with Dr. Venkateswara Reddy garu Principal of MLRITM as chief gust, followed by various cultural activities.

Sports & Events



Students from final year ECE have secured first and third place in 400 meter race and students from second year ECE have secured third place in 100 meter race competition organized by physical education on the occasion of sports meet 2020

Vision and Mission of the Department

Our Vision

Imparting quality technical education through research, innovation and team work for a lasting technology development in the area of Electronics and Communication Engineering.

Our Mission

To develop a strong centre of excellence for education and research with excellent infrastructure and well qualified faculties to instill in them a passion for knowledge.

To achieve the Mission the department will

1. Establish a unique learning environment to enable the students to face the challenges of the Electronics and Communication Engineering field.
2. Promote the establishment of centre of excellence in niche technology areas to nurture the spirit of innovation and creativity among faculty and students.
3. Provide ethical and value based education by promoting activities addressing the societal needs.
4. Enable students to develop skills to solve complex technological problems of current times and also provide a framework for promoting collaborative and multidisciplinary activities.

PEO's & PO's

PROGRAMME EDUCATIONAL OBJECTIVES

PEO 1: Have successful careers in Industry.

PEO 2: Show excellence in higher studies/ Research.

PEO 3: Show good competency towards Entrepreneurship.

PROGRAM OUTCOMES

- a An ability to apply knowledge of Science, Mathematics, Engineering & Computing fundamentals for the solutions of Complex Engineering problems
- b An ability to identify, formulate, research literature and analyze complex engineering problems using first principles of mathematics and engineering sciences.
- c An ability to design solutions to complex process or program to meet desired needs.
- d Ability to use research-based knowledge and research methods including design of experiments to provide valid conclusions.
- e An ability to use appropriate techniques, skills and tools necessary for computing practice.
- f Ability to apply reasoning informed by the contextual knowledge to assess social issues, consequences & responsibilities relevant to the professional engineering practice.
- g Ability to understand the impact of engineering solutions in a global, economic, environmental, and societal context with sustainability.
- h An understanding of professional, ethical, Social issues and responsibilities.
- i An ability to function as an individual, and as a member or leader in diverse teams and in multidisciplinary settings.
- j An ability to communicate effectively on complex engineering activities within the engineering community.
- k Ability to demonstrate and understanding of the engineering and management principles as a member and leader in a team.
- l Ability to engage in independent and lifelong learning in the context of technological change.

PROGRAM SPECIFIC OUTCOMES

- PSO1 Analyze and design analog & digital circuits or systems for a given specification and function.
- PSO2 Implement functional blocks of hardware-software co-designs for signal processing and communication applications.

“The trick to having good ideas is not to sit around in glorious isolation and try to think big thoughts. The trick is to get more parts on the table.”

- Steven Johnson



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