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#### **ABOUT MLRITM**

Marri Laxman Reddy Institute of Technology and Management(MLRITM), Hyderabad was established in 2009, by a devoted group of intellectuals, eminent professionals and industrialists, having a long and outstanding experience in educational field with a mission of spreading quality Education among students.

Ever since its inception, it has transformed itself into a truly premier inter disciplinary technological institute and the college carved a niche for its unique infrastructure with a built-up area of three lakh square feet, having well ventilated classrooms, state-of-the art laboratories, well maintained outdoor & indoor sports and games facilities.

The faculties are nationally and internationally recognized for its portfolio of high-quality education applied & theoretical research and rigorous analytics that prepare the students for global leadership positions. MLRITM recruits only distinguished academicians, research scientists and experienced faculty who have been carefully chosen from a pool of IITs, NITs, Universities and research organizations.

#### VISION OF THE INSTITUTE

To be a globally recognized institution that fosters innovation, excellence, and leadership in education, research, and technology development, empowering students to create sustainable solutions for the advancement of society.

#### MISSION OF THE INSTITUTE

- To foster a transformative learning environment that empowers students to excel in engineering, innovation, and leadership.
- To produce skilled, ethical, and socially responsible engineers who contribute to sustainable technological advancements and address global challenges.
- To shape future leaders through cutting-edge research, industry collaboration, and community engagement.









#### MARRI LAXMAN REDDY-Chairman

Sri Marri Laxman Reddy, the founder Chairman of Marri Educational Group of Institutions has been in the field of education from the last 22 years with the aim of spreading quality education among children at the school & college level. Marri Laxman Reddy Institute of Technology & Management is the culmination of his dreams and was established during year 2009 by Marri Educational Society. He is also founder chairman of MLR Institute of technology, MLR Institute of Pharmacy & St.Martin's Engineering College and St.martin's schools at balanagar, chintal and malkajgiri. He is aveter an athlete of international repute.

### MARRI MAMATHA REDDY-Treasurer

Mrs. Marri Mamatha Reddy, a person with remarkable abilities and great acumen and a dynamic leader. She is known to be the dynamic mentor of MLR Institute of Technology and Management who is always on the sprit to take the institute to newer levels in every aspect of an "Ideal Institution" and strives hard to make every dream a reality. The treasurer has a vision of establishing MLR Institute of Technology and Management as a brand. She is striving hard to initiatevarious industryorientedprogramsforthebenefitofthestudentsandheenvisionsherstudentto be present at the top most position in the industry.

## Dr. K VENKATESWARA REDDY-Principal

Dr. K Venkateshwara Reddy, M.Tech, Ph.D, MISTE, the Principal, Marri Laxman Reddy Institute of Technology & Management, is young & dynamic Professor of CSE. Engineering College and he has achieved an immense exposure in Academic, Research and Administrative spheres at reputed Engineering Colleges. Research & Guidance: He has published 32 research paper sat National and International Level in the areas of Mathematical modeling and Computing Simulations such as advanced Numerical solutions for Thermos elasticity and in framing the innovative research explorations in Cloud computing, Network security, MANET and there merging fields of computer science.

#### Dr. B Ravi Prasad-HOD

The department is headed by Dr.B Ravi Prasad, with teaching experience of 24 years. With his good research experience, guided many students and published research papers in thrust areas. He strives hard to various industry-oriented programs, which enables students to do internships and to get placement in reputed companies. Under his able guidance and dynamic leadership department has achieved zenith of excellence.

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING About Department

The department of Computer Science and engineering was established in the year 2010. Since then, the department has produced more than 500 graduates and 100 postgraduates. The department has a very strong faculty with 6 Professors, 5 Associates Professors and 43 Assistant Professors. The department of CSE offers an under graduate Program in CSE with an intake of 180 students and two P.G. Programs with an intake of 24 students in CSE. The department is actively engaged in Research in the areas of Cryptography and Network Security, Data Mining, Wireless Networks, internet of things [IOT] etc.

The department has highly qualified, dedicated and efficient teaching faculties and committed administrative staff in all disciplines. Laboratories such as Java Programming, Data Structures, DBMS, OS, Linux, Data warehousing & Data Mining, Case Tools and Web Technologies Labs are well equipped and designed in such a way so as to provide an industrial environment The Department has got projects under various schemes such as DST, RPSetc.Various conferences and workshops were organized related to our field of study under the sponsorship of AICTE, CSI and other reputed organizations. The department coordinates and provides guidance to the students to pursue their studies. The faculty members of our department have published a number of research papers in referred journals like Springer, IEEE, and Elsevier etc.

## **Vision of the Department**

To empower the students to be technologically adept, innovative, self-motivated and responsible global citizen possessing human values and contribute significantly to wards high quality technical education by harmonizing innovation with sustainability.

## **Mission of the Department**

DM1: To offer high-quality education in the computing fields by providing an environment where the knowledge is gained and applied to participate in research, for both students and faculty.

DM2: To develop the problem solving skills in the students to be ready to deal with cutting edge technologies of the industry.

DM3: To make the students and faculty excel in the professional fields by inculcating the communication skills, leadership skills, team building skills with the organization of various co-curricular and extra-curricular programmers.

DM4: To provide the students with theoretical and applied knowledge, and adopt an education approach that promotes lifelong learning and ethical growth.

## **Program Educational Objectives**

#### PEO<sub>1</sub>

To induce strong foundation in mathematical and core concepts, which enable them to participate in research, in the field of computer science?

### PEO<sub>2</sub>

To be able to become the part of application development and sustainability development by learning the computer programming methods, of the industry and related domains.

#### PEO<sub>3</sub>

To gain the multidisciplinary knowledge by understanding the scope of association of computer science engineering discipline with other engineering disciplines.

#### PEO<sub>4</sub>

To improve soft skills, which build the professional qualities, there by understanding the social responsibilities and ethical attitude.

## **Program Specific Outcomes**

#### PSO1

**Applications of Computing:** Ability to use knowledge in various domains to provide solution to new ideas and innovations.

#### PSO<sub>2</sub>

**Programming Skills:** Identify required data structures, design suitable algorithms, develop and maintain software for real world problems.

#### PSO3

**Entrepreneur and Higher Studies:** Make use of computational and experimental knowledge for creating innovative career paths, to be an entrepreneur and desire for higher studies.

## Work shop on Sales force Development: Building Custom Applications on Sales force Platform

A Workshop held on 28-Aug-23 Sales force Development: Building Custom Applications on Sales force Platform is an excellent opportunity to dive into the world of Sales force development, one of the most popular Customer Relationship Management (CRM) platforms used by businesses globally. This workshop typically focuses on customizing Sales force to build personalized solutions that meet business needs, providing you with hands-on experience in developing and deploying custom applications on the Sales force Platform.





## **Work shop on Cloud Computing and Its Applications**

Workshop on Cloud Computing and Its Applications held on04-Sep-23To06-Sep-23 is an excellent way to gain hands-on experience and understanding of cloud computing technologies. This work shop typically covers the fundamentals of cloud computing, the different types of cloud services, and how they are applied across various industries and business functions.





#### Internal Smart India Hackathon-23

The Smart India Hackathon 2023(SIH23) is held on 23-Sep-23 to 24-Sep-24 an action wide initiative by the Government of India, organized to promote innovation and problem-solving among students.

The hackathon invites students from across the country to participate in solving real-world problems faced by various industries, including public and private sectors.





## Workshop on Introduction to Block chain & Crypto currency

A Workshop on Introduction to Block chain & Crypto currency held on 30-Sep-23To31Sep23 is an excellent way to gain foundational knowledge about two of the most disruptive technologies of recent times.

This workshop would typically focus on both the technical and practical aspects of Block chain and Crypto currency, providing participants with a comprehensive understanding of how these technologies work, their potential use cases, and how they are shaping industries like finance, healthcare, and beyond.





## **Guest Lecture on Startup & Entrepreneurship for Techies**

A Guest Lecture on Startup & Entrepreneurship for Techies is a valuable event held on 03-Oct-23 for anyone in the tech industry looking to transition into the world of startups or entrepreneurship. These types of lectures are especially use full for tech professionals who have technical expertise but may lack business knowledge and experience.



## Workshop on NLP & Chat bots Development

A Workshop on NLP & Chat bots Development is held on 26-Oct-23To28-Oct-23 a great way to learn how Natural Language Processing (NLP) can be integrated into chat bots to create intelligent systems capable of understanding and responding to human language. Such workshops typically focus on the core concepts, tools, and technologies involved in building effective NLP-based chat bots.



## **Workshop on IoT Networking with Cisco IoT Solutions**

A Workshop on IoT Networking with Cisco IoT Solutions is held on 08-Nov-23To09-Nov-23 an excellent opportunity to gain hands-on experience with Internet of Things (IoT) technologies, specifically focusing on networking and the tools provided by Cisco, one of the leader's in the networking domain. Cisco's IoT solutions are used extensively across industries for building scalable and secure IoT networks, making this workshop valuable for anyone interested in the field





#### **OBJECTIVES OF TRAINING & PLACEMENT**

Marri Laxman Reddy Institute of Technology & Management Places special emphasis on experiential learning in the training process. To words that end to make MLRITM the favorite destination for all multinational companies the College has adopted a pedagogical practice that provides for enhanced learning opportunities through co-operation with industry, business, counterpart institutions and international experience.



