TECHTIMES

Department of Computer Science and Engineering
Marri Laxman Reddy Institute of Technology and Management
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M L R C S E

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MARRI LAXMAN REDDY
Institute of Technology and Management

Computer Science and Engineering

Volume -1

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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 premierinter 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 port folio 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.

MARRILAXMANREDDY-Chairman

Sri Marri Laxman Reddy, the founder Chairman of Marri Educational Group of Institutions has been in the field of education from the last 22years 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, chital and malkajgiri.He is a veteran athlete of international repute.

DR.P.SHRIDHAR-Director

Dr. P. Sridhar, M. Tech., Ph.D., MISTE, the Director, Marri Laxman Reddy Institute of Technology & Management, is young & dynamic Professor and achieved an immense exposure in Academic, Research and Administrative spheres at reputed Engineering Colleges.

Dr. P. Sridhar contributed immensely for the growth of institutes by introducing the disciplinary innovative in the lifestyle of under graduate engineering students. He has established Institute - Industry Interaction and Research & Development cells in the institute.

DR.R.MURALI PRASAD–Principal

Dr.R.Murali Prasad, M. Tech., Ph.D., MISTE, the Principal, Marri Laxman Reddy Institute of Technology & Management, is young & dynamic Professor of ECE and achieved an immense exposure in Academic, Research and Administrative spheres at reputed Engineering Colleges.

Dr.R.Murali Prasad contributed immensely for the growth of institutes by introducing the disciplinary innovative in the lifestyle of under graduate engineering students. He has established Institute-Industry Interaction and Research Development cells in the institute.

DR.B.RAVI PRASAD–HOD

The department is headed by Dr. B. Ravi Prasad, with teaching experience of 24years.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 500graduates and 100 post graduates. The department has a very strong faculty with 5 Professors, 12 Associates Professors and 32 Assistant Professors. The department of CSE offers an Undergraduate Programming CSE with an intake of 180students and two P.G. Programs withanintakeof24students 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 away so as to provide an industrial environment. The Department has got projects under various schemes such as DST, RPS etc. 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 towards 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 their professional fields by inculcating the Communication skills, leadership skills, team building skills with the organization of various co-curricular and extra-curricular programmes.

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

PEO 2: 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 3: To Gain the multidisciplinary knowledge by understanding the scope of association of computer science engineering discipline with other engineering disciplines.

PEO 4: To improve the 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.

PSO2

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 Aristech E-Commerce Portal

At MLRITM, Mr.M.Raghavender, Product Manager at ALEAP,We Hub, conducted a work shop on the Aristech E- Commerce Portal with the collaboration of CSE department.The session emphasized the digital transformation in agriculture, presenting innovative solutions and tools to boost agricultural commerce and productivity

Work shop on Python With DjangoDatabaseFramework

From July 18 to 20, 2024, MLRITM conducted a workshop on Python with the Django Database Framework, led by Mr. Seetharam, Data Engineer at TASK. This event provided valuable insights into coding and database management, enhancing participants &technical skills and knowledge.
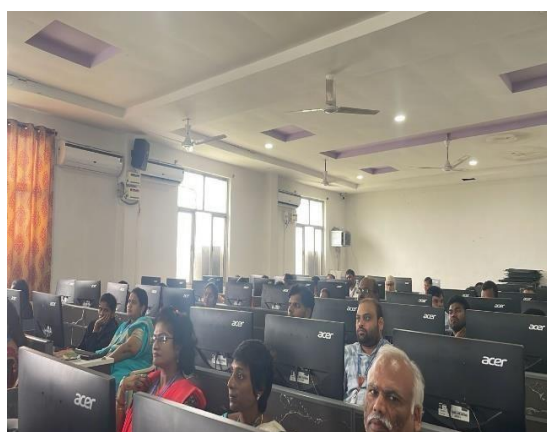
Work shop on IoT Networking Protocols and Communication

The CSI department of MLRITM hosted a work shop on IoT Networking Protocols and Communication from Mr.G.Shan shank, Network System Engineer at Scalar, shared his expertise, providing students with Hands-on experience and insight into the latest IoT trends and technologies.

Work shop on Cloud Essentials

MLRITM ICT hosted a 2-day work shop on Cloud Essentials.Mr.T.Gopal, Cloud Engineer from ACT Academy, shared his expertise; equipping students with fundamental knowledge of cloud computing, its applications, and industry best practices.

Seminar on Competitive Programming and Problem solving with Code Chef

MLRITM, in association with CSE, hosted a seminar on Competitive Programming and problem solving with Code Chef.Mr.Venkat, Product Designer at Code Chef, shared Insights on effective problem-solving strategies and best practices for competitive programming, enhancing students coding skills.

InternalSmartIndiaHackathon–24

The CSI department of MLRITM organized the Internal Smart India Hackathon. Mr.B.Prasad, Associate Professor, guided students as they show cased innovative solutions to real-world problems, fostering creativity, team work, and problem solving skills.

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.

Placement poster: MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT — AN AUTONOMOUS INSTITUTION

- NAAC Accredited with "A" Grade
- Accredited by NBA
- Recognized by DSIR SIRO
- Permanent Affiliation status from JNTUH
- Recognized under section 2(f) & 12(B) of the UGC Act, 1956

500+ CAMPUS PLACEMENTS – 2024 BATCH

Count	Company	Package
01	REALPAGE	10 LPA
01	skolar	9 LPA
01	zydus	8.4 LPA
01	LUMEN	7.4 LPA
01	DeltaX	7 LPA
01	tezo	6 LPA
02	GE VERNOVA	6 LPA
03	DEXTERITY	6 LPA
22	Needham Systems Limited	5 LPA
01	odaClass	5 LPA
14	EXH @Secure	4.7 LPA
15	EIDIKO	4.7 LPA
01	GLAZER	4.55 LPA
10	accenture	4.5 LPA
02	SAFRAN	4.5 LPA
01	ELITE TAX FILLING	4.5 LPA
12	U·ST	4.25 LPA
04	Actalent	4.2 LPA
01	CYIENT	4 LPA
06	SIEMENS	4 LPA
01	PeopleTECH	4 LPA
08	GreyCampus	3.6 LPA
01	SICKLE	3.6 LPA
08	movate	3.6 LPA
01	AS	3.6 LPA
08	amazon	3.5 LPA
28	Tech Mahindra	3.5 LPA
01	sporis	3.5 LPA
05	NEXA	3.3 LPA
28	ROAMONIX	3 LPA
01	CorpOne	3 LPA
01	Edu-versity	3 LPA
05	G	2.5 LPA
01	Soft Solutions	2.5 LPA
07	AMp	2.33 LPA
28	GlobalLogic	2.2 LPA
02	CS	2.2 LPA
02		2 LPA