

MLR INSTITUTE OF TECHNOLOGY (UGC AUTONOMOUS) EAMCET/ICET/PGECET Code: MLID

MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT (UGC AUTONOMOUS) EAMCET/ICET/PGECET Code: MLRS

MARRI LAXMAN REDDY INSTITUTE OF PHARMACY EAMCET/ECET/PGECET Code: MLRP

Inspiring mind, Inspiring Innovation

#mirinnovation

Empowering through Innovative Technologies ...

Vision

 Promote academic excellence, research, innovation, and entrepreneurial skills to produce graduates with human values and leadership qualities to serve the nation.

Mission

- Provide student-centric education and training on cutting-edge technologies to make the students globally competitive and socially responsible citizens.
- Create an environment to strengthen the research, innovation and entrepreneurship to solve societal problems.







Management



Sri Marri Laxman Reddy, the founder Chairman of MLR Institute of Technology has been in the field of education for the last 32 years with the aim of spreading quality education among children at the school & college levels. He is also the founder and chairman of Marri Laxman Reddy Institute of Technology & Management, MLR Institute of Pharmacy, St. Martin's Engineering College and St. Martins Schools at Balanagar, Chintal and Malkajgiri. He is a veteran athlete of international repute. MLR Group of Institutions is the culmination of his dreams.

I had no opportunity to attend a school or college during my childhood. This only strengthened my determination to study more.

As I grew I had this single-minded desire to offer a platform for children to pursue basic education. I realised how much our future generation's success depends on education. It is my firm belief that the two essential factors that enrich our lives are education and health and it is my endeavour to provide both through MLR Group of Institutions with the help of my dedicated team.

Sri. Marri Laxman Reddy

Chairman MLR Group of Institutions

Philosophy of MLR

"Every today well lived is another tomorrow well deserved"

"The inspirational intellect of the next generation"



Sri. Marri Rajasekhar Reddy, the Secretary of MLR Institutions has the distinction of establishing the Institute of Aeronautical Engineering, MLR Institute of Technology and Management, MLR Institute of Pharmacy, Vardhaman Engineering College, Vidyanjali Grammar School at L.B.Nagar and Institute of Aircraft Maintenance Engineering, approved by DGCA. He is also the treasurer of Indo-US Collaboration for Engineering Education of A.P. Chapter.

Sri. Marri Rajasekhar Reddy, a person with remarkable abilities and great acumen strives hard to make every dream a reality. He is known to be the dynamic mentor of MLR Institute of Technology who is always on the spirit to take the institute to newer levels in every aspect of an "Ideal Institution". He, like his father Shri. Marri Laxman Reddy has the ability to turn adversities into opportunities. He strives hard to initiate various industry oriented programs to bridge the gap between academia and industry and envisions his students to be at the top positions in the industry.

"We have inherited the passion for Education and would like to see that this passion for education spreads like an endemic. The world would then be a better place to live in. It is our dream to make MLR Group of Institutions not only the best in the country but also to make it attain the status of a Deemed University."

Sri. Marri Rajasekhar Reddy

Secretary MLR Group of Institutions



MLR INSTITUTE OF TECHNOLOGY

(UGC AUTONOMOUS)

Estd. Year : 2005

Managed by : KMR Educational Society, Hyderabad

Approved by : All India Council for Technical

Education, New Delhi

NIRF India Ranking: Ranked three times in the NIRF India

Rankings

Accreditation : NBA Tier-I accreditation for all

eligible B.Tech programs

NAAC accreditation with 'A' Grade

Autonomy : Autonomous status from University

Grants Commission (UGC), New Delhi

Affiliated to : Jawaharlal Nehru Technological

University Hyderabad

Campus : Dundigal, Hyderabad – 500043,

Telangana

Distance : Secunderabad - 22 km:

Kukatpally - 15 km

Mobile: 9652226061, 9866675818

www.mlrinstitutions.ac.in

UG PROGRAMMES OFFERED Courses **Aeronautical Engineering (AERO)** B.Tech: Aeronautical Engineering 60 Artificial Intelligence & Machine Learning (AI&ML) B.Tech: Artificial Intelligence & Machine Learning **Electronics & Communication Engineering (ECE)** B.Tech: Electronics & Communication Engg. 240 Computer Science & Engineering (CSE) B.Tech: Computer Science & Engineering 240 B.Tech: Computer Science & Engg. (Data Science) 60 B.Tech: Computer Science & Engg. (Cyber Security) 60 Computer Science & Information Technology (CSIT) B.Tech: Computer Science & Information Technology 60 Electrical & Electronics Engineering (EEE) B.Tech: Electrical & Electronics Engineering 60 Information Technology (IT) 180 B.Tech: Information Technology **Mechanical Engineering (ME)**

B.Tech: Mechanical Engineering



Principal's Message



Dr. K. Srinivas RaoPrincipal - MLRIT

As the Principal of the college, its my privilege to welcome you to the big family of MLRIT.

In order to be on par with international standards and to provide global attributes to our students, Outcome Based Education System (OBE) with project based learning techniques have been employed in the design of our contemporary curriculum. Choice-based Credit Systems (CBCS) with continuous assessment on grade point averages have made our offerings truly competitive. The curriculum and practices are consistently reviewed to ensure that we are following the most updated best practices, meeting all regulations, and addressing the future needs of our students.

A homely environment is created for our learners who choose to live in campus. Separate hostels for girls and boys are truly 'home away from home'. Meticulous care and methodical planning at various levels are inculcated to provide our students with hygienic food and other on-campus services. Being strong believers of overall development of the students, MLR Institute of Technology provides ample opportunities to all the students to showcase their talents in various fields like sports, theatre, cultural activities, and many more.

Parental involvement in a child's education process is both a gift to your child and the institute. This partnership is strongly encouraged and highly valued. I am very sure through collaborative effort we can achieve more to the benefit of our students who are the future leaders of tomorrow.

Regards.

PG PROGRAMMES OFFERED

Courses	Intake
• Aeronautical Engineering (AERO) M.Tech: Aerospace Engineering	18
• Electronics & Communication Eng. (ECE) M.Tech: Embedded Systems	18
• Computer Science & Engineering (CSE) M.Tech: Computer Science & Engg.	18
• Mechanical Engineering (ME) M.Tech: Thermal Engineering	18
Master of Business Administration (MBA)	120

Ph.D Programmes

- Electronics & Communication Engineering
- Computer Science & Engineering
- Mechanical Engineering



MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT (UGC AUTONOMOUS)

Estd. Year : 2009

Managed by : Marri Educational Society

Approved by : All India Council for Technical

Education New Delhi

Autonomy : Autonomous status from University

Grant Commission (UGC), New Delhi

Accreditation : NBA and NACC with 'A' Grade

Affiliated to : Jawaharlal Nehru Technological

University Hyderabad

Campus : Dundigal, Hyderabad – 500043

Telangana

Distance : Secunderabad -17km, JNTUH,

Kukatpally - 10Km

Mobile: 9866755144, 9949774842

www.mlritm.ac.in

UG PROGRAMMES OFFERED Courses Civil Engineering (Civil) B.Tech: Civil Engineering 60 **Computer Science & Engineering (CSE)** B.Tech: Computer Science & Engineering 180 B.Tech: Computer Science & Engg. (A.I & M.L) 60 B.Tech: Computer Science & Engg. (Data Science) B.Tech: Computer Science & Engg. (Cyber Security) Computer Science & Information Technology (CSIT) B.Tech: Computer Science & Information Technology 60 **Electronics & Communication Engineering (ECE)** B.Tech: Electronics & Communication Engg. 180 Electrical & Electronics Engineering (EEE) B.Tech: Electrical & Electronics Engineering 60 Information Technology (IT) B.Tech: Information Technology 60 **Mechanical Engineering (ME)** B.Tech: Mechanical Engineering



PG PROGRAMMES OFFERED

PG PROGRAMIMES OFFERED				
Courses	Intake			
• Civil Engineering (Civil) M.Tech: Structural Engineering	18			
• Computer Science & Engineering (CSE) M.Tech: Computer Science & Engg.	18			
• Electronics & Communication Eng. (ECE) M.Tech: Embedded Systems	18			
• Mechanical Engineering (ME) M.Tech: CAD/CAM	18			
Master of Business Administration (MBA) 120			

Principal's Message



Dr. K. Venkateswara Reddy

M. Tech., Ph.D., MISTE Principal - MLRITM

Our motto of 'Empowering through Innovations' vindicated our approach of giving freedom and opportunities to the students in right measures, resulted in our success story.

I take the pleasure of introducing Marri Laxman Reddy Institute of Technology and Management to all our stake holders.

The institute on its rolls has well qualified, experienced and research oriented faculty, focused towards transformational Teaching – Learning pedagogy. To complement the efforts by the students, we started an **Incubation Centre** to promote new concepts and thought process. Our **Research and Development Centre** acts as a rostrum for scientific research & help the students to strive hard towards excellence by creating an ambience for nurturing innovation, creativity & excellence.

We at MLRITM empower our faculty with all the latest technical skills through Faculty Development Programs and sponsored Technical Training programs which in turn nurture the students to face the challenges in the real world. The curriculum of the institute is structured to help students to master technical skills and develop a whole some personality in a value based education system. The institute promises to continue its efforts in nation building by fostering strong bonds between faculty, students, industry and corporate world.

The institute also endeavours to help students get industry ready and achieve the dream of landing up with a lucrative placement orders by ensuring adequate in sights in to industrial environment and corporate culture through training by industry and academic experts, interaction with industry people and planned visits to various industries.

The alumni of the college who are spread at global level, college is harnessing the power of alumni through various social media and they are a strategic asset to the college. Blessed with visionary Leadership of the Management, MLRITM will continue to march forward in its journey towards centres of excellence.

It is my privilege to be part of the success story and lead from the front. I welcome the next batch of students to prosper and share the strong foundation laid by their predecessor.



MARRI LAXMAN REDDY INSTITUTE OF PHARMACY

Affiliated to JNTUH and Approved by AICTE & PCI, New Delhi

PROLOGUE

The institute was established in the year 2007 with a sole aim of imparting quality Pharmacy education for catering to the needs of the society. The institute stands magnificently in a serene environment in a sprawling campus of 2.5 acres. The college premises consist of well designed and thoroughly ventilated oration rooms, 17 well equipped labs, voluminous library and all other amenities.

During this short span of time, it has earned its name as the leading pharmacy college in the state because of its excellent facilities, devoted faculty and exceptional placement record.

The college has been accorded the approvals from the All India Council for Technical Education, and Pharmacy Council of India, New Delhi and is affiliated permanently to JNTU, Hyderabad.

SALIENT FEATURES:

We provide a supportive and enriching environment for learning through research as our students are motivated to take up novel and challenging projects even at graduation level. The students are provided ample opportunities to develop their communication and technical skills.

Air conditioned Digital library has been established to support the research activities. To brief, we emphasize on 'All Round Development of Students'.

PROGRAMMES OFFERED

Courses	Intake	
• B.Pharm. (4 years)	100	
• M.Pharm (2 years)	45	
Pharmaceutical Analysis	15	
• Pharm.D (6 years)		
Doctor of Pharmacy	30	
• Pharm.D(PB) (3 years)		
Post Baccalaureate (After B.Pharm)	10	

Mobile: 9866755144, 9989901438

www.mlrip.ac.in



HIGHLIGHTS:

- Guest lectures by the renowned scientists, academicians and industrial persons to fill the curriculum gaps for the benefit of the students
- Registered for Telangana Academy for Skill and Development (TASK) for the improvements of soft skills and technical skills of students.
- Emphasis on developing the practical skills to meet the needs of the pharma industry.
- Frequent visits to the central research organizations, pharma industries to understand the latest trends of research and in situ operations in pharmaceutical industries.
- Encouraging students to take up novel projects which provide the required stimulus for taking up research activities.
- Providing the opportunity to carry out their project works in central research organizations and pharma industries which will enhance their employment opportunities further
- Having MoU with ESI Hospital, Sanathnagar, located at Nacharam to provide the Doctor of Pharmacy students to carry out their hospital activities like ward rounds, patient counseling, clerkship, project works and internships in an effective manner.
- Consistent encouragement to the students to participate in various national and international conferences and give oral and poster presentations.
- Coaching for the GPAT examination for admission into PG courses.
- Providing a window to have a glimpse on the latest research and innovations in the field of pharmacythrough Audio Visual classes.

Principal's Message



Dr K S Murali Krishna

M.Pharm, Ph.D

Principal, MLR IP

Dr. K S Murali Krishna has got a vast experience of 37 years in teaching, research and administration. He has served at various levels during his long career in academics and worked as a member of Board of Studies, Chairman of Board of Examiners, member of Academic Council of prestigious Rajiv Gandhi University of Health Sciences, Bangalore.

He has published more than 55 research papers in various national and international journals. He was the recipient of Dr. T J KANNAPPAN award in 2008 for the best research article published in Indian Journal of Dental Research.

It is my privilege to welcome you to Marri Laxman Reddy Institute of Pharmacy, which was established in the year 2007 and in a short span of time, it has become a leading pharmacy college in the state.

The Pharmaceutical Science is a rapidly growing field globally, particularly in India. Recent advances in pharmaceutical science make pharmaceutical research a rewarding career for people interested in improving lives through the discovery, development and manufacture of new pharmaceutical products.

Apart from this, the updates in existing technology and emerging new technologies are happening day by day globally in the field of Pharmaceutical Science. Therefore, there is always an increasing demand for highly qualified professionals in different domains of pharmacy to meet the needs of the Pharmaceutical Industry, Regulatory, Hospitals and in Community Pharmacy.

We are committed to imparting quality pharmaceutical education, research and patient care. Our aim is to provide an all round education so that they become multidimensional. We believe in providing our students an environment rich in knowledge and support for their extracurricular interests. You have every justifiable reason to choose a Pharmacy course and Marri Laxman Reddy Institute of Pharmacy to pursue it.

Ultimately, we believe that "All odds, all challenges and all handicaps of life can be overcome with strong determination, persistent hard work, insurmountable patience and unshakeable tenacity."

Accreditation

All eligible B.Tech programmes are accredited by the NBA under Tier-I.

NBA-Tier-I Accredited Programmes

- → Aeronautical Engineering
- → Computer Science and Engineering
- → Information Technology
- → Electronics and Communication Engineering
- → Mechanical Engineering

Students studying in an NBA accredited institution can be assured that they will receive education which is a balance between high academic quality and professional relevance, and that the needs of the corporate world are well integrated into programmes, activities and processes.

ACCREDITED BY





Accredited by National Assessment and Accreditation Council (NAAC) for a period of 5 years with grade 'A'.



Rankings and Accolades

QUALITY DOESN'T COST – IT PAYS!

Quality is not a law, and organizations do not have to subscribe to the principles of quality. However, for those that choose to invest in it, putting quality processes in place pays off – and often significantly!

We're proud of our pioneering history, our distinguished present and our exciting future.

We are a diverse community with the freedom and courage to challenge, to question and to think differently. Through a progressive approach to teaching and research, our industry integrated academics, curious students and outstanding staff continually pursue excellence, break boundaries and make an impact on real world problems.

It is a matter of great pride that the institute is ranked one among the best engineering colleges in the country by the National Institutional Ranking Framework (NIRF) - 2020, Ministry of Human Resources Development, Govt. of India. NIRF is the most coveted and authoritative one in the Higher Education Space.





MLRIT is rated by the most read and widely acclaimed magazines based on the Quality criteria, such as research impact, graduate outcome and teaching learning process.

- India Today
- The Week
- Times of India
- Careers 360
- Competition Success Review
- BW Business World
- Data Quest
- Career Connect



Why Choose MLRIT...

- Industry integrated curriculum corresponding to rapid technological advancements.
- More focus and exposure to project based learning.
- Student centric teaching pedagogies.
- Qualified and
 experienced faculty.
- 5 90% placements track record.
- Research and Innovation
 Driven Institute.
- Training in upcoming
 interdisciplinary technologies.
- 8 Intercultural and interdisciplinary contests.
- Seed funding for innovation and incubation facilities for startups to the tune of 50 lakhs.
- Encouragement to pursue hobbies and extra-curricular activities in order to not miss out on overall development.



"You create your own opportunities Take the first step towards your success."

- Scholarships for meritorious sports persons to participate at global sports forums to the tune of 1.4 crore.
- Twelve centers of excellence with cutting edge technologies.
- 13 Platforms to build and showcase talent.
- State of the art Indoor & Outdoor Sports Facilities with National reputed Coaches and Trainers.

Innovative Practices

- Project Based Learning
- SCOPE School of Programming Excellence

(Training for the Student Programming Skill Development)

- COTS Concept Oriented Tutorials (Building Students "Strategic Knowledge")
- EPICS Engineering Projects in Community Service - In association with Purdue University (Encouraging the pursuit of Engineering for Community Improvement)
- SPEED Student Platform for Engineering Education Development

(Empowering students to become a factor of change in Engineering Education)

 Active Learning Methodologies (Activities that promote Critical Thinking)

Admission Procedure



Autonomous Structure

Autonomy conferred in 2015 helped institutionalise quality and accountability, thereby encouraging us to incorporate unique pedagogical developments and practices into the curriculum.

While expanding new horizons for higher education and strengthening the quality and relevance, autonomy helped to enhance the quality of education and incorporate methods of skilling the students, thus contributing to creating a knowledge-based economy and paving the way to gear up the young workforce for Industry 4.0.

Catering to the diverse needs has been inbuilt in the curriculum through a professional process of the continuous improvement in the Boards of Studies and Academic Council. This has been a boon to MLR Institute of Technology.

Curriculum for different learning abilities and innovative pedagogies gives teachers to cater to slow and advanced learners, and lot of options for add on programmes respectively

Salient Features

- 1. Experienced academicians from reputed institutes are consulted in the process of framing the syllabus. Dedicated efforts are made to ensure that the syllabus framed is "Employment Centric".
- 2. Choice Based Credit system (CBCS) more holistic metric to measure student-performance.
- 3. Hands-on project- an important part of the curriculum plays a vital role in making students 'employment ready'.
- 4. Multiple opportunities to intern at various Industries and R&D centres.
- 5. Periodic restructuring and updating of courses to match international standards.
- 6. Multi skill development with stress on communication skills.



Unique Educational Framework@MLRIT

(An Integrated Approach Towards Excellece)



- Students are continually evolving, as are their learning needs. But this growth is far from limited to academics. In fact, the MLRITs curriculum ensures that our students develop into well-rounded individuals -- mentally, physically, emotionally, socially, and culturally. Indeed, tomorrow's leaders require a 21st century skill set which isn't found in the average classroom.
- Students are taught the importance of academic excellence while simultaneously learning universal values, ethics, discipline, creativity, and personality development which stay with them during their academic years and continue throughout life.
- The integration of formal and informal learning opportunities are designed to give students more than just classroom knowledge, but also the tools to apply this knowledge in the real world. Critical thinking, interdisciplinary thinking, problem solving, and conflict resolution are all part of educational framework 9.0.



Students

At MLRIT, we encourage bold, independent thinking and offer the highest quality academic experience. Students thrive on plenty of autonomy to direct their own learning, with our tutors on hand to challenge their ideas. Students develop the practical skills, fresh thinking and confidence increasingly in demand / expected by employers. At MLRIT, we not only focus on growing academic potential, but also personal growth in areas such as leadership, being a team player and becoming involved in the experiential learning. this are found in mentor programs, individual support and student activities.

Students are provided with one-to-one careers advice, interactive workshops, industry internships and more. Our students are encouraged and fully financed for participating in various national and international competitions. The students who participate in these competitions spend hours working tirelessly on designing their models. Their dedication shines through the results. Recognition and rewards for excellence, encourage healthy competition and motivate students to go that extra-mile.

We offer a range of career development services to help students with their career aspirations. We believe that taking a proactive approach to the planning of career path is the best strategy to be successful in gaining employment.

Faculty

Faculty play significant role in growth of organization and source for students to acquire domain knowledge. MLRIT has faculty of national repute and have diverse technical knowledge to deliver quality education.

Our faculty actively participate in Research & Development as it is a great way of sharing knowledge and expertise. The faculty R&D activities allow budding engineers to apply their knowledge and proficiency for sparking incredible innovation in their respective fields of study. Moreover, student exposure to R&D is a stimulating platform to receive practical knowledge from experienced engineers and veteran scientists. In addition to their teaching activities, Faculty support the students in understanding latest industry trends and mentor them to achieve their technical and non-technical traits.

Quality Metrics

95
International Engineering Educators Certified Faculty

Ph.D. 95

NITTTR Certified Faculty

IPRs 52 Filed

Training and Placement

The ecstatic dream of students is 'Placement', they passionately crave to achieve, only possible through powerful 'Training'. MLR Institute of Technology believes in training and molding the heart and brain of the pupils.

MLR Institute of Technology, in its journey of 17 years has become a locus yielding academic excellence, had been consistently achieving 80% and above placements every year in various reputed MNCs across the globe. It emphasizes on identifying the virtues of its students individually and nourishes them accordingly thereby helps them in expanding their intellectual horizons as well as contributes to their overall personality development, ostensibly proving the transformation in the zone a proximal development of every student who joins the institution. The transformation of an amateur engineering student into a self-motivated wizard of versatile domains at the tip of fingers & multi-tasking abilities will be taken care of, by the Training & Placements wing at MLR Institute of Technology.

It is the dream of every engineering student to get placed in a top and dignified organization visiting their campus for recruitment. Keeping this key aspect into consideration, it is appreciated that perfect training is important for engineering students to enhance their employability skills and accomplish good placement in various Industries. The Placement Cell operates round the year to facilitate contacts between companies and graduates. The number of students placed through the campus interviews is continuously rising. On invitation, many reputed industries visit the institute to conduct interviews.

MLR Institute of Technology – strives to provide an efficient, professional and productive environment for both visiting companies and students in their efforts to find the perfect position fit for students. The Placement cell offers a broad range of expertise, services, training programs and resources to assist students with their career development and job searches. Concurrently we enjoy the dynamic relationships with our recruiting "Partners" – the hundreds of organizations across the country that work with us.

- The placement team is fully equipped to handle presentations,
- Pre-placement talks,
- Group Discussions and Mock Interview sessions.
- Our facilities include well equipped air-conditioned seminar halls and conference rooms with audio, video and wifi connectivity, in addition to dedicated interview cabins.
- LCD projectors and overhead projectors are also available on demand.
- In addition, our dedicated Placement Staff will handle the entire process and all paperwork related to recruitment activity.

The academy believes that establishing links between education and labor market is an important motivator for undergraduate students pursuing their education. Establishing linkages between industry and institute also help faculty in incorporating the application dimension to their basic courses.

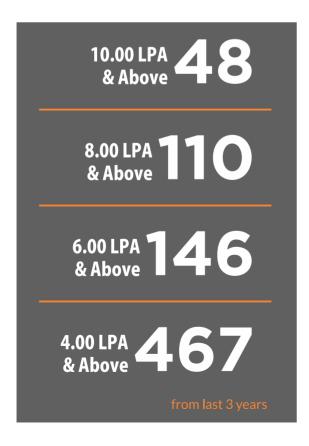


Why Recruiters Love to Visit MLR

- 93% on-boarding of students in selected companies.
- Well-groomed students as per industry requirement.
- Certified talent pool on latest trending technology.
- Comprising 800 systems in a single LAN, bandwidth of 400 MBPS with power backup
- Auditorium 1200 pax
- Exclusive placement block equipped with sufficient GD rooms, individual interview panels and lounge.
- Accessible campus from various locations in Hyderabad.
- Strong alumni base.
- Experienced training and placement team.

3000 + MLRITians working in different MNCs across the Globe.

150 + MNCs visited



Some of our Recruiters



Achievements and Milestones

Received "Best Institution" award by Virtusa for the year 2020 – the One and Only College in Telangana State

Established Center of Excellence by Virtusa on "Cloud Computing -AWS" from the 2020 batch

Signed an MoU with EPAM Systems to facilitate, train the students and faculty on "Software Engineering Best Practices" – the one among the only 2 colleges in Telangana State

Signed an MoU with Cyient to extend support in Skill based training of the students and also for the assistance in placements

Shortlisted as Nodal Center by Sonata Software for Recruitments

Recipient of The prestigious
Cyient-Boeing internship program
imparted every year in Design
and Manufacturing sectors

PLM Centre of Excellence that facilitates the students for training on "Product Life-cycle Management", Supported by Tata Technologies

Tata Steel e-Learning Modules

- In compliance with the implementation of Industry Curriculum, MLRIT has partnered with TATA STEEL to benefit our students in learning around 69 online modules of core Mechanical Engineering right from the 3rd year of their Graduation.
- These modules are designed to strengthen the culture of learning, innovation and performance of the students before being exposed to the Industry.

Paid Internships in Major MNCs

 Successful in providing our students "Paid Internships" from the 3rd year of Engineering itself with major companies like Tata Consultancy Services (TCS), Virtusa, Tata Advanced Systems Limited, Epam Systems, Cyient, ValueLabs, Mindtreeto name a few.

Highlights of the "Industry Readiness Training"

Provision of training for the students from the 2nd year of their graduation to make them more industry-ready and employable

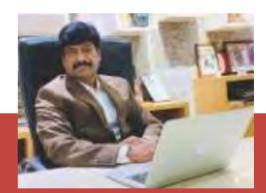
High End Training on the trending IT technologies as well as on the domain technologies so that they will be able to secure placements in the Software and Core companies also

Regular assessments for the students will be conducted both by the internal team and by the external experts to continuously improve the skill set of the students

- Seasoned professional Training & Placement exposure of over 15 years.
- Associated with multi-vertical Corporate giants like TCS, Capgemini, Virtusa, TASL, IBM, Infosys, Tata Steel, Epam Systems, Optum, Cyient, NTT Data etc.
- Interface with industry to understand the standard gaps and bridge them accordingly.
- Played major role between Corporate and Institute in signing several MOUs with Virtusa, Epam Systems, Cyient, Sonata Software, Azad Engineering, Tech Mahindraetc.
- Played key role in launching the Centers of Excellence, "Informatica & Cloud Computing-AWS" by Virtusa and "PLM" by TATA Technologies.
- Significant contribution in MLRIT receiving "Best Institution" award by Virtusa for the year 2020; One and Only college in Telangana State.

Privileged association with assessment partners like Cocubes, AMCAT, Btechguru, Edyst etc for Pre and Post Training assessments of the students

A Team with vast experience and versatility in tackling tangible & intangible areas of training besides counseling the students on career options those are on par with the demands of the current industry



Ravi Chandra
Head (Placements & Corporate Relations)
Mobile: 70329 03389 / 98499 91289

ravichandra@mlrinstitutions.ac.in

- Awarded "South India's Best Placement Officer" at National Leadership Summit 2019, New Delhi.
- Received "Best Placement Officer" award by Aspiring Minds for the year 2018 for out-standing performance in student placements.
- Awarded "Best Placement officer "by Mr. PK. Sharma, Head, RMG, at Tech Mahindra for Tech Mahindra in 2013.
- Received an "Outstanding Performance in placements" Award by Honorable Chief Minister of APin 2010.

Research & Development

MLR Institute of Technology (MLRIT) is a premier institute not only for its excellent academic background but also for its strong inclination towards Research and Development of innovative technologies.

MLRIT realizes the importance of providing a fine balance of research and teaching in its carefully designed academic programs.

An independent R&D Center has been established to promote and monitor the research programs of the institute.

The research center is actively involved in various research programs across all disciplines with a commitment to excellence in fundamental research as well as innovative technologies for the future.

It facilitates interaction with external agencies for funded R&D projects, also promotes and manages Institute-Industry interaction.

MLRIT has established various research labs across all departments and offers a quality research training experience for its students.

MLRIT offers Doctoral programs in

- Electronics and Communication Engineering
- Computer Science and Engineering
- Mechanical Engineering

Thrust areas of research

- Nanoscience and Technology
- Signal and Image processing
- VLSI and Embedded Systems
- Composite Materials
- Thermal Engineering
- Artificial Intelligence
- Internet of Things
- Data Mining and Big Data
- Machine Learning
- Cyber Security & Block Chain Technologies
- Data Science





Research	Funded Research	Research	Faculty with	Faculty
Publications	Projects	Grants in Lakhs	Ph.D	Pursuing Ph.D
799	31	598	95	



Centre for Advanced Composite Materials



Centre for Mobile Application Development (CMAD)



Centre for Embedded Systems and Robotics (CESR)



Center for Flight Simulation (CFS)



Centre for Digital Manufacturing (CDM)

Sponsored Research Projects - Ongoing

Science Technology and Innovation Hub in MLR Institute of Technology, Dundigal, Hyderabad Block, Ranga Reddy District, Telangana State. [DST/SEED/SCSP/STI/2019/135]

Vigyan Ke Chamatkar - The Magic of Science exhibition in Malkajgiri districts of Telangana [CO/A/FP/E76/2019]

Recent Developments of Nano Composites and Smart Materials in Aerospace Industry [9-175/RIFD/MODROB/Policy-1/2017-18]

Faculty Development Program On Recent Trends and Approaches in Analog / Digital Low Power VLSI Design [9-175/RIFD/MODROB/Policy-1/2017-18]

Livelihood Business Incubator (LBI) [G-27017/8/2019-KVI Div./91-95]

Modernization of Aerodynamics Lab (MODROBS)
[9-175/RIFD/MODROB/Policy-1/2017-18]

Crypto-Watermarking Technique on Video for Digital Rights Management [T-866]

Anodic oxide Metal Insulator Metal Capacitors for Radio Frequency Integrated Circuits [ECR/2016/001156]

Design and Development of an On-Chip Heterogeneous Multi-core Platform for Secure Multimedia Applications. [ECR/2017/000637]

Effects of big data characteristics on security – Leveraging existing security mechanisms and exploring new techniques for protection [ECR/2017/000814/ES]

Human position tracking and detection using geometric active contours mapping algorithm and connected operators (CCO)
[ECR/2017/000050/ES]

Design and Analysis of Reconfigurable MIMO Antenna with Ultra-wideband for Cognitive Radio Applications.[SR/WOS-A/ET-94/2016]

Voice call transfer service between Wi-Fi enabled Android Smartphone and Tablets without using internet. [SR/WOS-A/ET-110/2016]

Dynamic Navigation of Query Results based on concept hierarchies using improved Distance Rank Algorithm [SR/WOS-A/ET-1071/2014]

A Novel security for ATM framework by using digital image processing [SR/WOS-A/ET-1100/2015]

Understanding the Cognitive processes involved in technological entrepreneurial opportunity recognition [SR/CSIR/201/2015]

Efficient detection of DDoS attacks application layer attacks [ECR/2016/000257]

Real-Time Disaster Management System using ADHOC Sensor Networks [ECR/2016/001536/ES]

Colossal multi ferroic nanostructure d materials for miniaturizing engineering devices. [ECR/2016/001647/PMS]

Green Synthesis of silver/gold Nanoparticles by using Asclepiadacea emedicinal plant to enhancement of physical properties
[SR/WOS-A/PM-39/2017]

Research Facilities

- Centre for Big Data & Cloud Computing (CBDCC)
- Centre for Mobile Application Development (CMAD)
- Centre for Virtusa Informatica (CVI)
- Centre for Internet of Things (CloT)
- Centre for Composite Materials (CCM)
- Centre for Robotics and Automation (CRA)
- Centre for Digital Manufacturing (CDM)

- Centre for Flight Simulation (CFS)
- Centre for Computational Engineering (CCE)
- Centre for Cadence (CC)
- Centre for Embedded Systems and Robotics (CESR)
- Centre for National Instruments Lab view (CNIL)
- Centre for Modelling and Simulations (CMS)
- Centre for Product Lifecycle and Management (PLM)













CIE Centre for Innovation & Entrepreneurship



- → MHRD's Institution Innovation Cell (MHRD IIC)
- → MSME Business Incubation (MEME BI)
- → Livelihood Business Incubation (LBI)
- → Intellectual Property Facility Centre (IPFC)
- → Indian School of Business Technology Entrepreneurship Program (ISB-TEP)

Objectives



Promotion of Creativity, Innovation and Entrepreneurship among Students, Alumni, Faculty and Industry.



Facilitate and commercialization of sophisticated technology based products.



Establish knowledge driven enterprises and prosper under organized guidance.



Innovation Achievements

Student Startups

Design Thinking and Innovation

52

IPR Generated

32
Entrepreneurship Activities

74

Innovations Supported

21

Competitions & Hackathons



Foster a vibrant ecosystem for the creation and growth of enterprises

MSME's Business Incubation (MSME - BI)

- Support for Entrepreneurial and Managerial Development of SMEs through Incubators Program launched by the Ministry of Micro, Small & Medium Enterprises (MSME), Government of India.
- Develop and Nurture Innovative ideas towards Production and Commercialization.
- Seed fund grants upto Rs. 15 Lakhs for each Innovative Idea/Start-up and further financial assistance up to Rs 1 Crore for Small and Medium Enterprises (SMEs)



Technology Business Incubator (TBI)

- Nurture knowledge-based/technology-driven innovations towards successful start-ups.
- Seed fund grant up to Rs 10 Lakh for each innovation/start-up.
- Organize national level competition to shortlist best innovative/start-up ideas having commercial viability.



Livelihood Business Incubator (LBI) -

(Food Processing Technologies)

- Conduct certification program on Food Processing Technology.
- Impart entrepreneurship and skill development to vouth.
- Eligible youth can be adequately incubated in food processing skills and provide opportunities to set up their own enterprises.

Supported by Ministry of MSME, Govt. of India



Intellectual Property Facility Centre (IPFC)

- Sensitize SMEs on IPR related issues through Interactive Awareness Programs, Pilot Studies, Seminars and Workshops
- Advice measures to protect Innovations and business strategies of SMEs.
- Assist SMEs in technology up-gradation and competitiveness enhancement through effective Utilization of IPR Tools.

Supported by Ministry of MSME, Govt. of India



Entrepreneurship Courses

Course

- Technology Entrepreneurship Program
- Fundamentals of Entrepreneurship
- Intellectual Property Rights
- Start-up Lab

Industry Support

- Indian School of Business, Hyderabad
- Wadwani Foundation (National Entrepreneurship Network), India
- T- Hub Foundation, Hyderabad

Incubation Facilities







- **Innovation Hub / EPICS Lab**
- Makerspace
- **3D Printing Studio**
- **Internet of Things Lab**
- **AR & VR Studio**
- **Social Square**
- **Meeting Room**
- State-of-the-art Office **Space for Start-ups**

Products 32
Developed

Seed Fund Supported

21

Spaces Available for Start-ups

MOUs

- → Central Institute of Tool Design, Hyderabad.
- → National Research Development Corporation, India.
- → ITE &C Department, Government of Telangana.
- → T-Hub, Foundation, Hyderabad.
- → IIT Hyderabad
- → Association of Lady Entrepreneurs of India (ALEAP), Hyderabad.
- → Indian School of Business, Hyderabad.
- → Wadhwani Foundation India
- → Palle Srujana, Hyderabad
- → Rajiv Education & Employment Mission in Andhra Pradesh REEM
- → TATA Technologies, Hyderabad
- → National Aerospace Laboratories, India
- → India Matters Foundation
- → Dassault Systems India
- → Indo-US Collaboration for Engineering Education (IUCEE)
- → Telangana Academy for Skill and Knowledge (TASK)
- → Microsoft IT Academy Program
- → Tech Mahindra Hyderabad
- → Oracle, Hyderabad
- → TATA Advanced Systems Limited, Hyderabad
- → IBM-India
- → BOEING-India
- → IDEA LABS, Hyderabad
- → National Instruments India
- → Techy Bees, Hyderabad
- → AerX Labs, Bangalore

















































Entrepreneurship / Start-up Services



Industry Integrated Programs



Learn from Lead Entrepreneurs



Makerspace Acceleration Programs

Hands on Practice on Industry 4.0 Technologies

Innovation Challenge



Think Design Manufacture

Identify & convert Innovations into marketable products and services.

Pitch - Fest



Brainstorm your ideas with experts for new opportunities

Startup Accelerator



Get all the Tools and skills necessary to build, scale & fund Your **Startup**

Mentor Connect



Share and evaluate your ideas with domain experts for corporate match marketing.

Innovation Protection and IPR



Legal assistance to protect your Innovations, Designs and products

Seed Fund Support



Access to Investors network and Govt. Funding Schemes

Entrepreneurship - Partners

























Innovation & Start-up Selection Process



Who Can Apply?

- Aspirants (Student / Innovator) having innovative idea which has potential to create employment at a mass scale.
- Startup/SME registered with Telangana.
- Startups/SMEs, who have already received funding from other schemes operated by the Government, are not eligible.

Intellectual Property Facilitation Centre (IPFC)-MLRIT

Supported by Ministry of MSME, Govt. of India.

The Intellectual Property Facilitation Centre (IPFC) has been established at MLRIT in the year 2019 - 20.

- To serve MSME, Startups, academics/research institutes, entrepreneurs and researchers in India by providing best IP services from drafting to grant of IPRs.
- To provide technical consultation to convert their ideas into secured marketable products.

Salient Features

- Accessibility to various search paid databases.
- Provide end-to-end solutions for IPRs.





IPFC Activities

- Creating awareness about recognition of rights over ideas and products by organizing customized training programmes.
- Promoting R&D and investment in the marketable products by conducting freedom to operate search
- Preventing competitors from mimicking their ideas and products by proper filing of IPRs.
- Creating the identity in the corporate sector by branding strategy and filing trademarks.
- Augmenting the creditability and revenue generation through proper IP based contractual agreements.

Services

Patent

- Prior art landscaping and mapping
- Freedom to operate search and analysis
- Patent drafting and filing (national & PCT)
- Invalidation and infringement search and analysis
- Pre-grant and post-grant support
- Technology and competitor watch
- Technology transfer agreements and licensing

Industrial Design

 Drafting, filing and responding examination report

Copyrights

Filing and responding examination report

Trademarks

• Search, filing, responding examination report and renewals

Geographical Indications

 Drafting, registration, opposition support and renewals

IPRs Filed - Status

53

Total IPRs Filed

22

Patents Filed

20

Patents Published

26

Industrial Designs Filed

3

Industrial Designs Granted

5

Copyrights Filed

Department of **Aeronautiucal Engineering**

B.Tech in Aeronautical Engineering (NBA Tier-1 Accredited) | Year of Inception: 2005 | Intake: 60 M.Tech in Aerospace Engineering | Year of Inception: 2010 | Intake: 18

"Excellence through Innovation"

Aeronautical engineering is the primitive field of engineering aiming to develop aircraft. It involves the study of the principles for aircraft. If you pursue this course, you get involved in the processes of designing, testing, development and production of missiles, spacecraft and aircraft. You will also learn fluid mechanics, system of controlling different crafts, noise control, etc.

The primary job of an Aeronautical Engineer is to devise aircraft and propulsion systems, but with time, the engineer is given many more responsibilities to carry out. Recruitment opportunities are available in defence services and aviation industry.

Established in the year 2005, the department offers B.Tech in Aeronautical Engineering with an intake of 60 and M.Tech in Aerospace Engineering with an intake of 18. Program has been accredited by NBA three times, under tier-2 in 2012, 2016 and under tier-1 in 2019

The department of aeronautical engineering at MLRIT with excellent infrastructure and state-of-the art laboratories provide an ideal ambience for its graduate for research and innovation in one of the most fascinating & challenging branch of engineering. The dedicated faculty and passionate students share the vision of linking the fastest growing aerospace sector towards economic growth of our nation.

Industry Connect

Department is tied with organisations like DRDO, NAL, ISRO to enrich the students knowledge to current demands and also expanded MOU's with leading private organizations like TASL, Cyient, Boeing, Tata Technologies, Dassault Systèmes in aerospace domain.

First ever in Telangana and AP to establish CoE in Flight Dynamics and Simulation

> CSIR-NAL supported CoE for Advanced Composites

First ever in South INDIA to established CoE in Product Life Cycle Management (PLM) in collaboration with TATA Technologies

The only CATIA certification center by Dassault Systèmes

Careers

Our students are placed in prestigious companies such as DGAQA, ISRO, DRDL, Airbus, Boeing, Rolls Royce, Honey Well, TATA Advanced Systems, Cyient, Tech Mahindra, Infosys, Capgemini, Mphasis and many more.











Artificial Intelligence and Machine Learning

B.Tech in Artificial intelligence and Machine Learning | Year of Inception: 2020 | Intake: 60

Programme curriculum designed by Taksha - center of Machine learning and Infosys Experts.

"Our intelligence is what makes us human, and AI is an extension of that quality."

Artificial intelligence is impacting the future of virtually every industry and every human being. Artificial intelligence has acted as the main driver of emerging technologies like big data, robotics and IoT, and it will continue to act as a technological innovator for the foreseeable future.

A new four-year B.Tech program AI and ML has been started from this academic year with an intake of 60 students. This programme provides the core concepts of Computer Science along with fundamentals of Artificial Intelligence and Machine Learning. The program focuses on building a broad grasp upon foundations in Computer Science, deep understanding of the area of specialization, an innovative ability to solve new problems, and a capacity to learn continually and interact with trans-disciplinary groups. Nowadays, every organization is investing heavily in Artificial Intelligence and Big Data believing that these technologies will transform the world.

Advisory Board

Prof. Rao Vemuri

Emeritus Professor, Chair - Taksha Center for Machine Learning and Hydrology (TCMLH) Member - Technical Advisory Committee (TAC) Member - Taksha Center of Data Science (TCDS) University of California, Davis rvemuri@gmail.com

Soumeendra Atmakur

Principal Solution Architect Automation & Al professional Currently heading Automation for Europe Business soumeendra.atmakur@TechMahindra.com

Rupendar Muthyala

Sr. Manager at Infosys, Hyderabad, Telangana, India Rupendar_Muthyala@infosys.com

Career Prospects

A plethora of career opportunities exist in private companies, public organizations, health care industry, education and government institutions. The jobs in Al include Software analysts and developers, Computer scientists and computer engineers, Al Algorithm specialists, Research scientists, Al & ML Engineer, Machine Learning and Artificial Intelligence Scientist, Al Software Engineer and so on.

Areas where Artificial Intelligence will make a lot of difference

- Healthcare
- Finance
- Aviation
- Manufacturing
- Logistics



Dr. Venkatanareshbabu Kuppili

Assistant Professor, Department of CSE, National Institute of Technology, Goa, India. venkatanaresh@nitgoa.ac.in



Computer Science and Engineering

B.Tech in computer Science and Engineering (NBA accredited Tier-1) | Year of inception 2005 | Intake-240 B.Tech in computer Science and Engineering - Cyber Security | Year of inception 2020 | Intake-60 B.Tech in computer Science and Engineering - Data Science | Year of inception 2020 | Intake-60 M.Tech in computer Science and Engineering | Year of inception 2012 | Intake-18 PhD Programme | Year of inception 2018

"Science is about knowing, engineering is about doing."

The most important aspect of Computer Science and Engineering is problem solving, an essential skill for life. Students study the design, development and analysis of software and hardware used to solve problems in a variety of business, scientific, and social contexts. Because computers solve problems to serve people, there is a significant human side to CSE as well. Our students start with the basics in our popular introductory programming courses - no prior experience required! Then they learn the mathematical foundations of computing; get hands-on experience building software and hardware; and choose advanced courses, such as, human-computer interaction, computer graphics and animation, artificial intelligence, machine learning, robotics, data science, natural language processing, computer networking, computer security and privacy, and much more.

The department has 51 faculty including 5 professors with Ph.D. who have vast experience in both industry and academia. Computers are used in almost every aspect of digital life: Information technology, Automobile engines, Video games, Digital Watches, Telephones, Laptop computers, medical diagnostic equipment, commercial aircraft, and orbital satellites that deliver cable signals around the world. While the computer field is one of the fastest growing segments of industry today, it is also one of the fastest changing areas technologically In order to meet the need of the day, the department prepares the students from the first semester onwards to gain experience on problem solving and design of algorithms to compete in programming contests.

Center of Excellence

- Big Data & Cloud Computing.
- Mobile Application Development.
- Virtusa Informatica
- Internet of Things(IoT).

Industry Connect

EPAM, VIRTUSA, TASK, ORACLE, INFOSYS, and lot more... Associates greatly support us in terms of supplying the state-of-the-art training for the students.

Emerging Specializations

- CSE Cyber Security
- CSE- Data Science

Published 275+ research papers in peer reviewed journals

Published 11 patents and 8 books

1.5 Crores worth (DST/AICTE) funded projects

MoU with Epam Systems to facilitate, train students and faculty on "Software Engineering Best Practices"

Virtusa Center of Excellence on "Cloud Computing - AWS"

Careers

- Our students are placed in Virtusa, EPAM, Sterling, etc.
- A good number of students (>80%) find placements in the campus interviews by leading companies.
- Here's a partial list of career opportunities for computer science and engineering graduates: Artificial Intelligence, Machine Learning, Data Science, Cyber Security.











CSE - Cyber Security

B.Tech in Computer Science and Engineering - "Cyber Security" | Year of Inception: 2020 | Intake: 60

Programme curriculum designed by Infosys Industry Experts.

"Become the leader in protecting people and places.."

While the government's initiatives such as Digital India and demonetization have pushed companies towards digital transformation, doing so has also made them vulnerable to cyber-attacks. In turn, this has led to a demand for cyber security professionals who can help companies to achieve digital transformation without compromising security.

In continuation to 16 Years of serving Engineering Education in the state of Telangana, MLR Institute of Technology has been approved with a new 4 year regular undergraduate - Bachelor of Technology (B.Tech) degree programme in "Computer Science and Engineering in Cyber Security Specialization" with a sanctioned intake of 60 from academic year 2020-2021. This is a highly recommended industry relevant programme in the field of Computer Science to gain knowledge on the annual global cost of cybercrime. Every day, a new cyber threats are emerging, and this makes Cyber Security one of the most valuable tech skills to master today. The programme curriculum has been developed with the support of Infosys Industry experts, Hyderabad, India, with prime focus on Industry needs.

Advisory Board

Prof. Ramakrishna

Professor, Director, Colorado Research Institute for Security & Privacy, USA.

Dr. M. V. Panduranga Rao

Head of Department - CSE, IIT Hyderabad

Mr. Ramesh Patnaik A

Lead Consultant, Infosys, Hyderabad.

Mr. Maneesh Yadav

Chief Technical Officer at Adiroha Solutions OPC Private Limited, Bengaluru, Karnataka, India

Career Opportunities

This program in cyber security teaches students how to be sophisticated practitioners in the industry as they protect vital computer networks and electronic infrastructures from attack. Coursework in these four-year programs investigates key technologies such as digital forensics, cryptography and biometrics. Graduates are prepared for careers as security-application programmers, penetration testers, vulnerability analysts and security architects. Some students choose employment developing security products.



Mr. Prashanth

FIO Labs, LLC, Hyderabad, India & Minneapolis USA

Mrs. Sunayana

FIO Labs, LLC, Hyderabad, India & Minneapolis USA

Mr. SH Akhilesh Rao

Alumni, MLRIT & Cyber Crime Investigator Hyderabad.

CSE - Data Science

B.Tech in Computer Science and Engineering- "Data Science" | Year of Inception: 2020 | Intake: 60

Programme curriculum designed by EPAM Industry Experts.

"As the fields of data science and analysis continue to expand, the next crop of bright minds is always needed."

The need for the availability of clean, reliable data in order to produce meaningful business insights means that, for businesses who seek an advantage, data science is a skill set worth its weight in gold. Augmented by machine learning, AI, and cloud-based neural networks, data science will be in demand as long as there is a need for customer-centric insights and customer-driven data that could generate profit.

In continuation to 16 Years of serving Engineering Education in the state of Telangana, MLR Institute of Technology has been approved with a new 4 year regular undergraduate - Bachelor of Technology (B.Tech) degree programme in "Computer Science and Engineering in Data Science specialization" with a sanctioned intake of 60 from academic year 2020-2021. This is a highly recommended industry relevant programme in the field of Computer Science focusing on business problems, aiming to provide optimized solutions. The programme curriculum has been developed with the support of EPAM Industry experts, Hyderabad, India, with prime focus on Industry needs.

Career Opportunities

A Data Scientist, according to Harvard Business Review, "is a high-ranking professional with the training and curiosity to make discoveries in the world of Big Data". Therefore it comes as no surprise that Data Scientists are coveted professionals in the Big Data Analytics and IT industry.

Some of the prominent Data Scientist job titles are:

- Data Scientist
- Data Architect
- Data Administrator
- Data Analyst
- Business Analyst
- Data/Analytics Manager
- Business Intelligence Manager

Advisory Board

Mr. Emmanuel Gosula

Senior Resource Development Manager at EPAM Systems, Hyderabad, India.

Mr. Suresh Narra

Group Project Manager at Infosys, Hyderabad.

Mr. Srinivas Mallampati

CEO at TechyBees LLC, Bengaluru, Hyderabad, India & USA

Mr. Ashok Polapragada

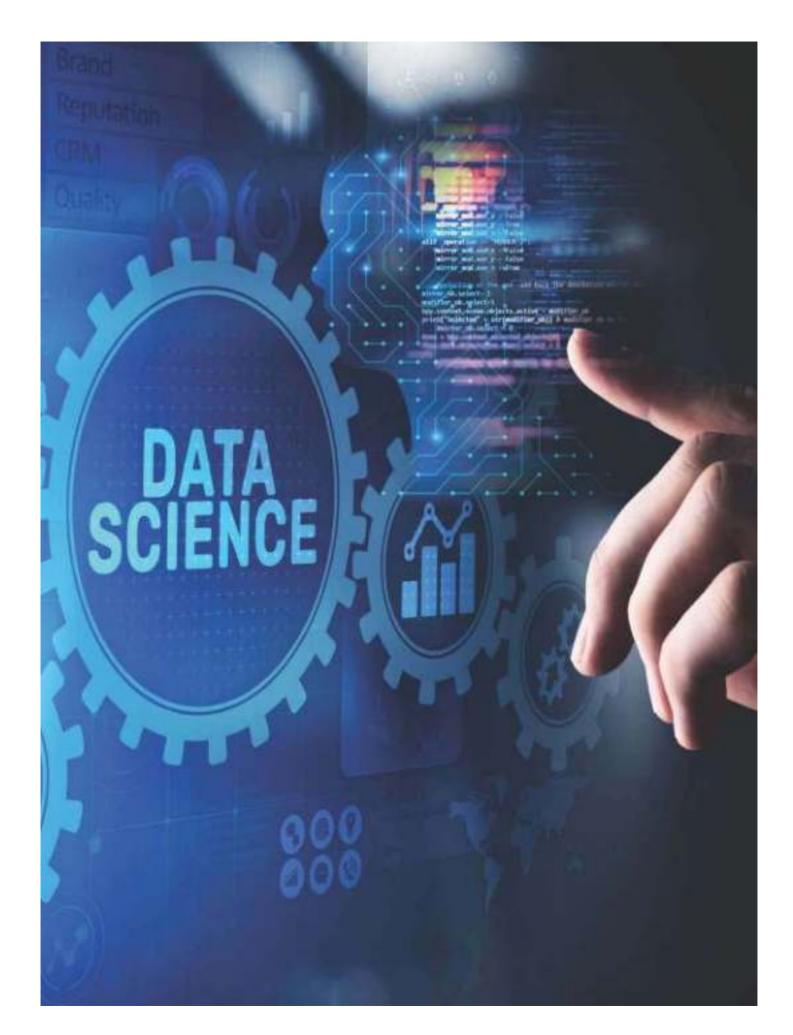
Program Manager (Digital Transformation) at Lera Technologies, Hyderabad, Telangana, India

Mr. Prashanth

FIO Labs, LLC, Hyderabad, India & Minneapolis USA

Mrs. Sunayana

FIO Labs, LLC, Hyderabad, India & Minneapolis USA



Computer Science & Information Technology

B. Tech in Computer Science & IT | year of inception: 2020 | Intake: 60

"Creating value through true convergence".

CSIT has a strong focus in cyber security, data analytics and information technology. As logical reasoning and critical thinking are important in becoming a software professional, the course encompasses the complete process of software development from software design and development to final testing.

MLRIT takes the pride of introducing the Computer Science and Information Technology(CSIT) course, a blend of Computer Science and IT Technology at its best. This course gives the best of both Computer Science and Information Technology courses as a single course.

Our consistent contribution to the Engineering Education in the state of Telangana has bought the opportunity to introduce a new 4 year regular undergraduate – Bachelor of Technology (B.Tech) degree programme in "CSIT" with an initial intake of 60 from academic year 2020-21. This course covers everything that is needed to dive into any area across the entire IT industry landscape. As this is a rare and a perfect blend of Computer Science and Information Technology courses, that are independent all these years, we took extreme care to develop the curriculum taking the support from industry experts, leaders, IT entrepreneurs and every possible section of the entire ITlandscape.

Career Opportunities

Opportunities exist in the area of Design Engineering, Computing/IT Consulting and Solution Developers. Graduating engineers also work as System / Network Administrators or IT Managers. This programme enables you to contribute both in the area of hardware and software design of computer systems. Computer Engineer would have various job opportunities in various MNC's like Microsoft, Oracle, IBM, Infosys, TCS, HCL, Accenture etc. as Computer Engineer. Software developer, Software tester, Network administrator, Database administrator, Database designer, Database operator, Website designer, Website developer, Mobile application developer, Robotics expert, Software analyst.

Advisory Board

Dr. Y. Raghu Reddy

Associate Professor and Head Software Engineering Research Center IIIT Hyderabad, India

Dr. K Shahu Chatrapathi

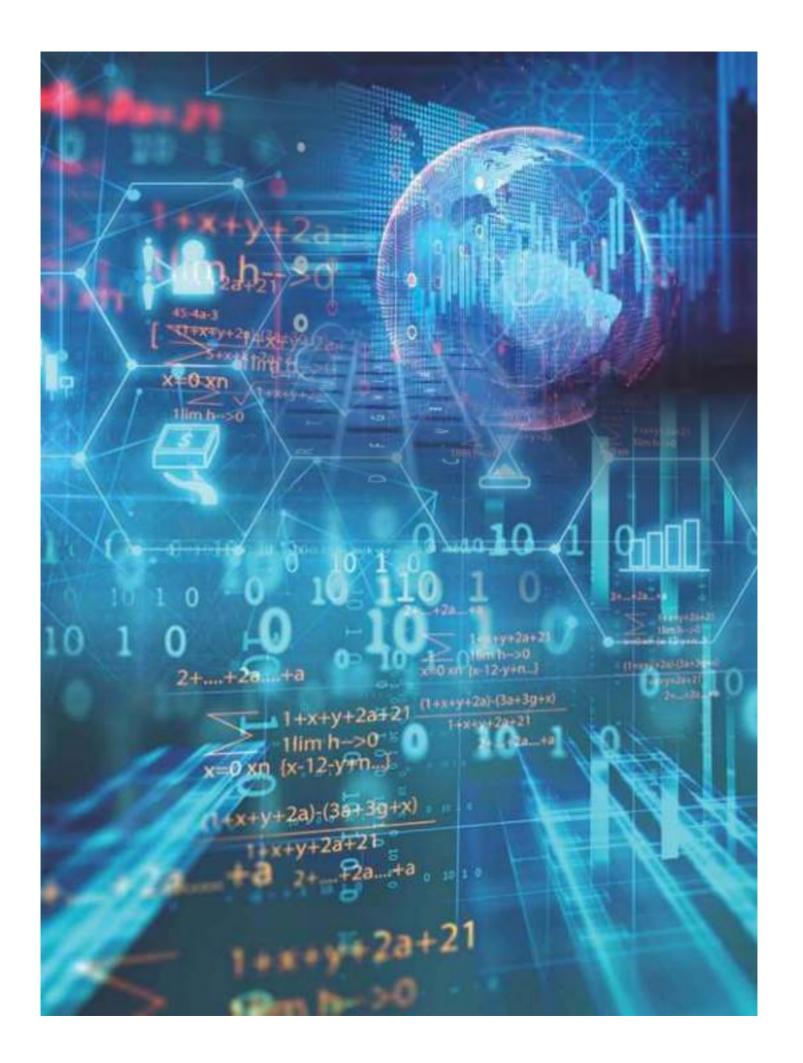
Professor and Head, Dept of Computer Science and Engineering, JNTU Manthani.

Dr. Venkatanareshbabu Kuppili

Assistant Professor, Department of CSE National Institute of Technology Goa, India.

Rupendar Muthyala

Sr. Manager at Infosys, Hyderabad, Telangana, India.



Department of **Civil Engineering**

B.Tech. in Civil Engineering (NBA Accrediated) | Year of Inception: 2009 | Intake 120 M.Tech. in Structural Engineering | Year of Inception: 2014 | Intake: 24

Civil Engineering is a broad field of engineering that deals with the planning, construction, and maintenance of structures, or public works, as they are related to earth, water, or civilization and their processes. Civil Engineering today deals with power plants, bridges, roads, railways, structures, water supply, irrigation, the natural environment, sewer, flood control, transportation, and traffic. Civil Engineering may be regarded as the profession that makes the world a more agreeable place to live in.

"The direction in which education starts a man will determine his future life"

- Plato

The department was established in the academic year 2009-2010 with an intake of 120 students. The Department is offering one M.Tech programme named M.Tech Structural Engineering with the intake of 24 students. The Department of Civil Engineering is equipped with Concrete and Highway Laboratory, Fluid Mechanics and Machineries Laboratory, Strength of Materials Laboratory, Environmental Engineering Laboratory, Soil Mechanics Laboratory, Survey Laboratory, CAD Laboratory, GIS laboratory and Structural Engineering Laboratory.

Reputed Construction Companies like Nagarjuna constructions, Aparna constructions, Anusham Constructions, Raster Engineers Pvt Ltd, Kaveesha Engineers India Pvt.Ltd, Tata Projects and IVRCL supports our students for Internship, Industrial Visit and Placement

Students are motivated and enrolled in COURSERA, edX, NPTEL and Spoken Tutorial Online courses from IIT's. Value added courses are conducted regularly for the benefit of students. Internships, Inplant training and Industrial Visits are also arranged for the students to gain practical knowledge.

Our students are pursuing higher studies in reputed colleges like IIT and abroad and have obtained placements in Kaveesha Engineers India, KNR Constructions, My home constructions, Aparna Constructions, Shoba Developers, Tata Consultancy Services (TCS), Infosys, Wipro and many more

Skill development courses are offered for

- Bar bending
- Plumbing,
- Land surveying,
- Laboratory test
- Quality Control

Inhouse training for

- AutoCAD 2D & 3D.
- 3ds Max,
- STAAD/Pro,
- MS Project,
- Primavera.
- E-TABS







Electronics and Communication Engineering

B.Tech Electronics and Communication Engineering (ECE) (NBA Tire-1 accredited) | Year of inception: 2005 | Intake:240 M.Tech Embedded Systems: year of inception 2013 | Intake:18 PhD Programme | Year of inception 2019

"Excellence and innovation built into every design"

The magnificence of Electronics and Communication lies in its ubiquity! Electronic devices have become a major part of our lives. With the evolution of technology, Electronics and Communication has become an essential discipline that is required by every other industry. Now the world can no longer undermine the significance that Electronics and Communication discipline carries. Hence, Electronics and Communication engineering is one of the most preferred courses by the students.

Freedom is one of the most important benefits provided by the department of Electronics and Communication. The freedom to drift between hardware field and software field. During the four years of the course Electronics and Communication Engineering, students gain the knowledge of both the hardware and the software aspects. While they learn about electronic devices, circuits, and communication systems, they also become proficient in embedded systems, programming languages and assembly languages.

The Department of Electronics and Communication Engineering encompasses a broad range of research and educational interests. It is the policy of the department to involve each faculty member in a balanced combination of research and teaching so as to extensively benefit the students. Most of our faculty has considerable industrial experience, and many maintain active consulting roles to provide current and relevant knowledge to the students in classroom and research settings.

Industry Connect

Shelter companies such as Cadence, Entuple Technologies on VLSI, National Instruments on LabView, Robo Labs on Robotics provides hands on training to our students. In-house Industrial training programs by BSNL-Regional Telecom Training Centre, National Remote Sensing Centre, National Institute of Amateur Radio, BELL, DRDO etc.,

Center of Excellence

- Embedded & Robotics Supported by IIT Bombay
- VLSI-PCB Manufacturing Supported by Cadence
- Advanced Communication Systems Supported by MATLAB

Published 270+ research papers in peer reviewed journals

Published 8 patents and 4 books

2 Crores worth (DST/AICTE) funded projects

First ever college to have established NI-Labview Academy

First ever college to have Multidisciplinary Robotics centre supported byIIT Bombay

Careers

Our students are placed in core companies such as Entuple (VLSI), Digilogic, VEM Technologie (embedded system), oppo (mobile communication) and major software companies such as TCS, Mphasis, LTI, Infosys, Capgemini, NTT Data, Mindtree, Ibs, Inrhythm solutions pvt.ltd, Virtusa etc.,











Department of **Information Technology**

B.Tech in Information Technology (NBA accredited) | Year of inception: 2005 | Intake: 180

Information Technology branch is designed to teach students about various fundamental and foundational concepts of Programming, Operating Systems, Networking concepts, Database Management Systems, Software Engineering, Information Security and many more to make smooth transition from college to the industry.

Data is all around us, but getting the right data using IoT and the process of using cloud and nurture it using BigData and enhance the intelligence of IoT devices to generate smart data is crucial in Information Technology landscape. Hence Information Technology enables to make our lives better.

The Department works towards providing excellent learning facilities to produce quality engineers who can meet the National and Global Industry expectations.

The Department has fully-equipped Center of Excellences like, Mobile Application Development, IoT, Blockchain, Cloud Computing and Big Data, and Virtusa. The Department also has other academic labs for Programming for Problem Solving, Data Structures, Java Programming, Complier Design, Angular JS, Python Programming, Cloud Development etc.,

Center of Excellence

- Big Data & Cloud Computing.
- Mobile Application Development.
- Virtusa Informatica
- Internet of Things(IoT).

Published 148+ research papers in peer reviewed journals

Published 4 patents and 5 books

65 Lakhs worth (DST/AICTE) funded projects

Only college in South India to have fully distributed Hadoop Cluster

Industry Connect

Marquee companies such as, Capgemini, Infosys, Tech Mahindra, NTT DATA, Mphasis, Cyient, CDK Global, Atos |Syntel, NCR, Aricent, HCL, and Apps Associates greatly support us in terms of supplying the state-of-the-art training for the students

Careers

Our students have obtained placements in prestigious companies, such as, Capgemini, Atos Syntel, Wipro, Cognizant, LG Soft, Infosys, Verizon, Virtusa, CtrlS, Napier,NTT DATA, Mphasis, Value Momentum, Global Edge, TechMahindra, Cyient, CDK Global, NCR, Aricent, Tata Consultancy Services, Apps Associates, and many more.











Department of **Mechanical Engineering**

B.Tech. in Mechanical Engineering (NBA accredited) | Year of Inception: 2009 | Intake 60 M.Tech. in Thermal Engineering | Year of Inception: 2013 | Intake: 18

ME: Mother of Engineering

Mechanical Engineering is at the forefront of developing new technologies for many industries including Automotive, Aerospace, Consumer Goods, Marine, Defense, Oil and Natural Gas, Chemical, Construction, Materials and Metals, Pharmaceuticals, Rail, Product Design, HVAC, Healthcare, and Robotics.

Among many engineering disciplines, Mechanical Engineering is the broadest stream of engineering with diverse applications. In ever changing scenario of present day technology, Mechanical Engineering is a challenging, rewarding, highly respected and multi-disciplinary profession.

- aSOP (Automotive Student Orientation Program) an unique comprehensive 6 semesters program established first time in Telangana and Andhra Pradesh by SAEINDIA
- Tata Technologies trains 80 students every year on Digital Transformation (PLM) Technologies and assist in internships and placements
- Actively participating in SAE SUPRA, BAJA, TDC, ETWDC, BDC, Student Convention, IIT Madras-I'MPACT, ISB TEP Project Competition, IIC National Innovation Contest etc.,

The Department has well equipped state-of-the-art modern laboratories to give hands-on experience to the students for extensive expertise for future Industrial and Academic needs. These laboratories includes Metallurgy and Material Science, Mechanics of Solids, Production Technology, Fluid Mechanics, Thermal Engineering, Machine Tools, Metrology, Theory of Machines, Heat Transfer, Instrumentation and Control Systems, 3D Printing, Computer Aided Design, Composite Materials, Product Life Cycle Management and Digital Manufacturing.

Industry Connect

TATA Technologies, TASL, Dassault Systems, CITD, MSME, GASPL (Centre for Robolution), SAEINDIA Southern Section (aSOP)





Published 170+ research papers in peer reviewed journals

Published 6 patents and 4 books

3 Crores worth (DST/MSME) funded projects

Careers

TATA Steel; TASL; Cyient; Tech Mahindra; MEIL; Hyundai Transys; TAFE; Medha Servo Systems; LTI; Wipro; Infosys; TCS; Sterling & Wilson; Hexaware, Capgemini; Rane Engineering; Vem Technologies; Grey Campus; Deepak Nitrite; IBS Software; NTT Data; Byju's, Rapid Robotics.











Department of **Electrical and Electronics Engineering**

B.Tech in Electrical and Electronics Engineering | Year of Inception: 2017 | Intake: 60.

"Electrifying the Globe"

EEE is a branch that is a perfect combination of Electrical Engineering and Electronics engineering. The scope of EEE is huge. Electrical & Electronics engineers can work in wide range of fields such as power generation, electronics, computers & control systems, telecommunication and Bio-Medical.

The future prospects of the EEE graduates are very wide and bright. The demand for environmentally friendly power generation, more sophisticated electrical and electronic devices, and cheaper and smarter products mean there is a lot of work for Electrical Engineers.

The Department of Electrical and Electronics Engineering was established in the year 2017 with an intake of 60. The department offers Under Graduates(UG) degree program of 4 years. The Department aims at providing students with knowledge and tools they require to compete at the global level. The Department attributes its success to the creative and innovative outlook of its students also. The Department encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in-house training programs, where they enhance their technical skill in the realm of computers.

The EEE department is established with state of art technical facilities to impart knowledge required for future educational and industrial needs. It has acoustic proof class rooms with audio-visual teaching aids. The departmental laboratories are furnished with latest equipment and instruments along with internet and computer systems. The department has well experienced faculties from reputed industries and institutions. It has well defined syllabus suited for needs of academic, industrial and research across the globe. The department conducts seminars, workshops and training programs to improve the performance of students.

First ever college to implement IOT based campus street light monitoring system

Campus energy monitoring system & Solar energy plant

Industry Connect

Top companies like High voltage India, MKR Industries, DRDL, HMT, CYIENT, Mediqip, Sanathan, VEM Technologies, Nucon Aerospace, Toshiba Transmission and Distribution Systems, Schneider Electric, BHEL, Amara Raja, DELTA, MTE Industries, and Tech Mahindra have provided online resources and training for our students.

Careers

Prestigious companies such as, MEDHA Servo Drives, BDL, Capgemini, Wipro, Cognizant, Infosys, NTT DATA, Mphasis, Tech Mahindra, Cyient, Tata Consultancy Services, Tata motors, Hyundai r & D, Wind care India and many more.





Humanities and Sciences

Creativity Is For Everyone!

Engineering is all about applying science and mathematics practically to come up with solutions to problems we face in our daily lives. S.T.E.M. education is an important learning tool for today's students. It encourages critical thinking, problem management skills, and uses real world applications to promote innovation. The Department's program supports educators in providing students with more personalized learning—in which the pace of and approach to instruction are uniquely tailored to meet students' individual needs and interests—often supported by Innovative Practices.

Enhance creative skills and hidden abilities through Design Thinking

Hands-on experience through microprojects

Connect to social innovation + change initiatives

Enhance effective interpersonal skills















Institute of **Pharmacy**

Marri Laxman Reddy Institute of Pharmacy was established in the year 2007. The institute is currently offering graduate and post graduate programs in Pharmacy, Doctor of Pharmacy and also Pharm D (PB). The intake is 100 in B. Pharm, 30 in Pharm D, 10 in Pharm D (PB) and 15 in M. Pharma (Pharmaceutical Analysis).

The institute maintains the staff as per Pharmacy council of India and AICTE norms and the premise is consisted of well illuminated and ventilated classrooms, 17 well equipped labs, voluminous library, a medicinal garden (Aswini Vanam) and all other amenities. We have a MoU with ESI Hospital, Santhnagar, Hyderabad for providing all the required hospital activities as per Pharmacy Council of India, New Delhi.

A little more than a decade is truly a short span for any organization to measure its progress. However, our institute has made rapid strides on the path of progress to transform into an institute of academic excellence. During this journey, we had many achievements, accomplishments, appreciations and recognitions. It has earned its name as the leading Pharmacy College in the state because of its excellent facilities, devoted faculty and exceptional placement record.

Laboratories:

- Pharmaceutics -I
- Pharmaceutics -II
- Formulation Lab
- Microbiology/Biotechnology with aseptic room
- Pharmaceutical Chemistry I
- Pharmaceutical Chemistry II
- Pharmaceutical Chemistry III (Pharm.D Lab)
- Anatomy and Physiology/Pharmacology I
- Pharmacology II
- Pharmacognosy & Phytochemistry
- Pharmacy Practice
- Pharmaceutical Analysis
- Central Instrument Facility
- Machine Room
- Computer Lab (ELCS & ICS)
- Machine Room
- Central Stores
- Animal House
- Drug Museum
- Medicinal Garden (Aswini Vanam)







Master of Business Administration

MBA - Year of Inception: 2006 | Intake: 120

"Leadership with goals & vision but management with objectives"

The pace of technological upgradation is observed to be exponential over time. Innovation breeds business and technology needs business to sustain. Every stride of life is either directly or indirectly connected to business and markets. Business Administration becomes a must for qualitative products at acceptable prices and satisfied services like augmented healthcare, educational, transportation, communication facilities and the like. Every Industry may have its ups and downs but management discipline never dies as it is applicable to each and every Industry. Thus, MBA's have immense opportunities anytime.

Established in the year 2006, the Department offers four most coveted specialisations like Financial Management, Human Resource Management, Marketing management and Entrepreneurship with an intake of 120. The Department has 18 faculty including 6 professors with Ph.D having vast experience in both Industry and academia.

The curriculum is designed to teach students on how to think strategically, act effectively and lead empathetically while driving growth and building a solid organizational culture. The students engage with adverse peer group of future leaders from and array of sectors and industries. MBA equips you with the right mind set, network and a foresight to make that career leap.

Industry Connect

Our unique specializations are based on digital technologies which rapidly transform the nature of the business. We have active collaborations with leading companies such as IBM, Capital IQ, Amazon, WIPRO etc., to make our specializations relevant and application oriented based on real time business practices.

Skill Development Programmes

- Digital market Training
- Oracle FICO Oracle Financial Certification.
- Sales Force Business Administration Specialist
 - Declarative Platform App Builder
 - Trail Head

Specializations

- Marketing
- Finance
- Human Resource
- Entrepreneurship

Bussiness Hackathons

Forum for students to network and share ideas

Foster innovation and entrepreneurship

Careers

Special attention is paid to offer Campus Recruitment Training to increase the success percentage of outgoing students in interviews by corporates. This is made possible by allocating a slot in the regular time table from first semester itself which prepares students of MLRIT, Business Administration Department the first choice of many corporates. Our students have obtained placements in prestigious companies such as Capital IQ, FactSet, Amazon, Wipro, TATA AIG, Tech Mahindra, HSBC, HDFC ICICI and many more.







TECHNICAL STUDENT CHAPTERS

At MLRIT, we complement the Engineering programs by providing a variety of activities, educational opportunities, programs, facilities, and services that enhance student development and enrich the quality of campus life for our Engineering graduates.

With more than 20 active clubs and leadership positions in various student events, there are many other ways to refine your leadership and organisational management experience, explore interests, and make friendships that will last a lifetime



Society of Automotive Engineers



American Society of Mechanical Engineers



Aeronautical Society of India



Institute of Aeronautics Astronautics Aviation



Indian Society for Technical Education



The Institution of Engineers



Computer Society of India



The Institution of Electronics and Telecommunication Engineers



Association for Computing Machinery



SAE Aero Design Challenge 2019 Champions



SAE Aero Design Challenge 2020 First Position



IAAA Aircraft Building Competition 2019 Overall Champions



IAAA Aircraft Building Competition 2019 Best Innovation



SAEINDIA SUPRA



SAE Tractor Design Competition (TDC)



SAE- Electric Two Wheeler Design Competition (ETWDC)



Winners in Elan & Nvision Event at IIT Hyderabad



Winners in Anveshana 2020



Winners in INGINIUM 2020 event All terrian a robotic competition



Winners in Spoorthi at JNTUH Line follower Event

Clubs & Activities

"When You Get Here You Understand".

MLRIT is full of opportunities to showcase your artistic creativity, both in and out of classes. It has a strong tradition of student bodies and clubs that attract students from all disciplines.

There are technical clubs for the academically inclined; there are cultural clubs that give a student the opportunity to dabble in the fine arts, music, dance, theatre – everything that feeds the mind and spirit.

These clubs are managed by the students of MLRIT so you can be an organiser as well as a participant. The clubs organise competitions, events, and activities and offer excellent networking opportunities with fellow students.



Toastmasters Club



Coding Club



Events

MUN

TEDx

Literary Festival

Loud Wire

Esctasy

SPEED











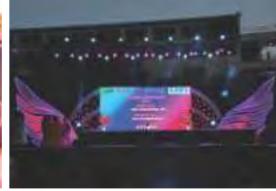




















Library

The duplex modelled modern digital library is fully computerized with bar-coding and Wi-Fi facility. Completely automated library management system creates comfort and convenience for the readers to borrow books at any time. In addition to these resources, faculty are given the provision of uploading all their lectures, question banks, lab manuals, and research notes on the institute's Intellect CMS repository. These are available to the students with the simple keying in of a password.





40461

Books

9525

e-Resoures

1275

Sq. mts.

1325

Journals

Systems in Digital Library 35

Floors 02

Kiosk 01







MLRIT is always providing a Green and Clean campus with Fresh Air and Pollution free Environment"

Choosing a college is also about choosing a new home. We ensure that students dwell in a healthy environment that helps them to grow and learn without any obstacle.

MLRIT Campus has separate hostels for boys and girls with all modern facilities and attached mess. The hostel mess serves fresh and hygienic food. You will be provided with facilities like internet, music room, common room with TV & cable facility, room for indoor games and a reading room with a collection of national/international newspapers, magazines, etc. The hostel houses have a fully equipped gym and separate courts for Volley Ball, Basket Ball, and Badminton. The concerned staff looks after the university assets and ensures that the hostel remains responsive all the time.

Facilities at Hostels

Boys Hostel

- The college has comprehensive hostel facilities for the boy students. Exclusively, two blocks are provided for boys and accommodating 1000 students.
- The Boys Hostel-Block I have 66 rooms spread over three floors exclusively for first year students.
- The Boys Hostel-Block II has 72 rooms spread over three floors.

Girls Hostel

- The college has separate hostel for Girl students. Exclusively, two blocks are provided for girls and accommodating 700 students.
- The Girls Hostel Block -I has 65 rooms and spread over three floors exclusively for first year students.
- The Girls Hostel Block II has about 50 rooms and spread over three floors.

Facilities

- The hostel rooms are fully furnished and it has separate library, reading room, shuttle courts, cricket ground, fully equipped Gym and a shop to facilitate the students.
- The hostel blocks also have 24x7 Wi-Fi facilities, hot and cooldrinking water and hot water for bathing.
- Conducting study hours every day in hostel
- Providing foreign language classes to hostel students based on their requirements.

Yoga & Meditation

Dining

- The hostel is annexed with a centralized kitchen, to provide quality food at protected and hygienic environment along with dining halls, which can accommodate 1000 students at a time.
- Healthy and nutritive food is served.
- The hostel kitchen has facilities for steam cooking with gas stoves.

Health Care

- Physical fitness has been given utmost importance. The college hostel facility is equipped with a gymnasium with state-of-the-art equipment
- A clinic, with a few beds along with on call Doctor Facility for 24 Hours to take care of the health requirements of the hostel students.
- Ambulance facility also available for students if any medical emergency.

Security

Aerobics

- Campus and hostels completely monitored by CCTV
- Dedicated and residential securities in each hostel blocks

Hostel Accommodation

Certification in Foreign Languages

Transportation

Exclusive College buses for the transportation

Exclusive TSRTC buses to campus

Only College operating buses in late hours for students and faculty who avail library and Sports Facilities.





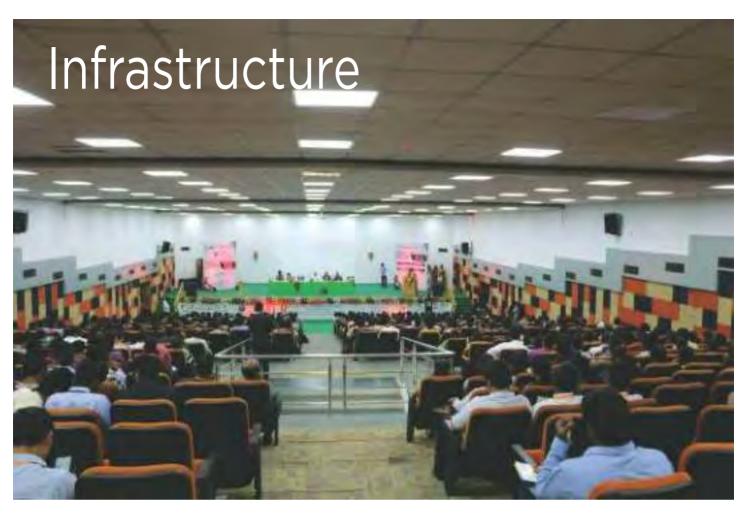












1500 systems in single LAN with 300 Mbps internet connectivity. Auditoriums with 1200, 600, 250(4) seating capacity

Personal Interview chambers and 12 GD rooms



Cafeteria



Tea Coffee Snacks Lunch Soft Drinks Ice-Creams







Sports is no longer an extracurricular activity. MLRIT has recognized the abundance of young talent in the country that can be nurtured and groomed into future sports persons.

Whether you're an athlete looking to be part of a winning team or improve your chances at a scholarship or take your playing skills to the next level, MLRIT provides you with a world class sports academy.

WORLD-CLASS INFRASTRUCTURE & AMENITIES

Spread across 25 acres to foster the best-in-class sports & education

TAILORED SPORTS

Dedicated programs for Tennis, Basketball, Cricket, Football, Badminton & Swimming

PROFESSIONAL GUIDANCE

Professionally Trained

MLR Sports Academy's winning tradition attracts dozens of athletes each year. Join and actively practice your sport in top-of-the-line facilities, improve your game and transfer on with academic and athletic scholarships. MLR athletes leave behind a legacy and gain valuable recognition for their athletic and academic accomplishments.

Major sports events organised

Telangana Cricket Premiere League South Zone Reliance Football Competition First National Inter-District Handball Competition

Features of Sports Academy

- A flood light enabled Cricket ground with 3 professionally curated pitches.
- Full track and field for Athletics
- Afull size Soccer field
- An Indoor Stadium with a seating capacity of a 1,000 under the dome with the following provisions
 - Two Professional Basket Ball court with Canadian Maple Flooring
 - 20 International Standard Table Tennis Tables with Professional Flooring and Lighting
 - A full sized Squash court
 - Provision for eight Badminton courts
 - One Volleyball court on Canadian Maple Wood, Sports Flooring
 - A Billiards room
 - A 4,000 sft fully furnished Professional Gym/ Fitness center
 - Residential accommodation for 100 professional athletes with fully furnished room within the Indoorstadium.
- 24/7 Electricity with full generator backup.

Junior The Table
National Tennis
level Fencing Ranking
Competition Competition

Inter University Zonal Sports Meet



MLR BADMINTON ACADEMY & TABLE TENNIS ACADEMY

ACCREDITED BY

KHELO INDIA

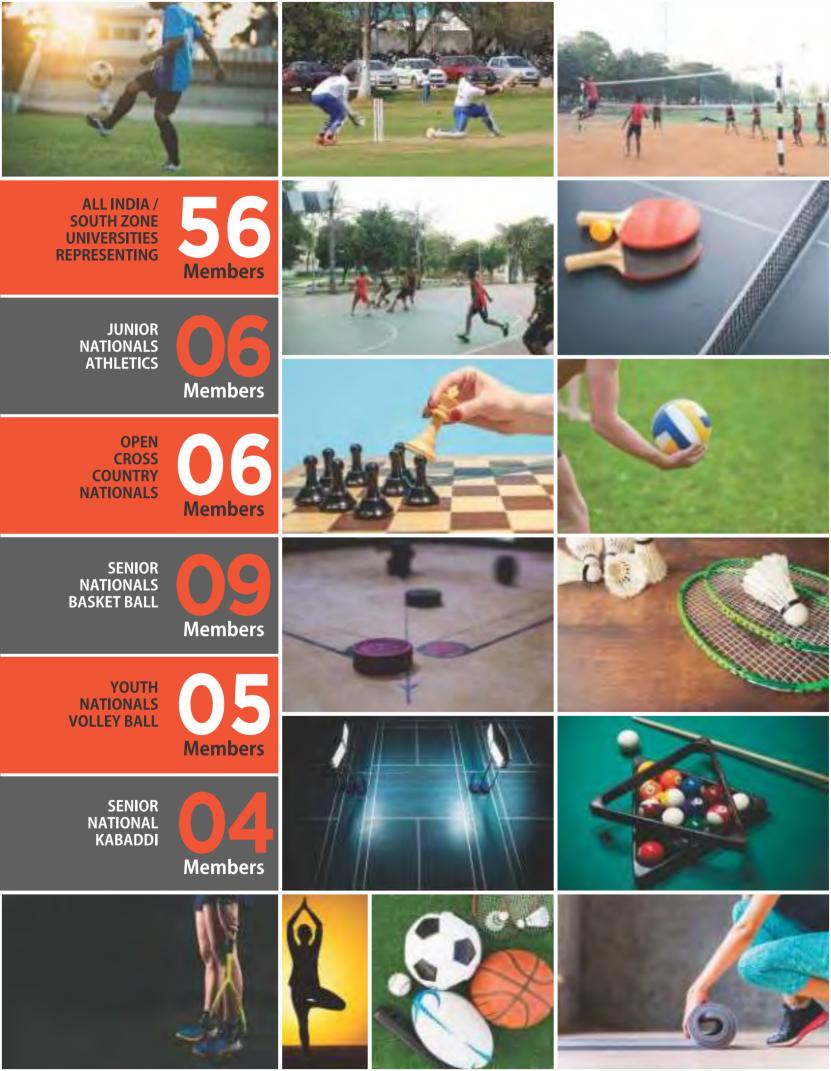


ONLY ACADEMIC COLLEGE IN TELANGANA STATE TO GET THIS ACCREDITION

Scholarships for meritorious sports students to the tune of 1.4 crore for every year.







#mlrinnovation

"Success doesn't just come and find you, you have to go out and get it"



MARRI LAXMAN REDDY GROUP OF INSTITUTIONS

Affiliated to JNTU, Hyderabad & Approved by AICTE-New Delhi & PCI) Dundigal, Hyderabad -500 043, Telangana, India placements@mlrinstitutions.ac.in

www.mlrinstitutions.ac.in Call: 96522 26061 / 91604 00039 / 99497 74842

www.mlrinstitutions.ac.in