MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT
(AN AUTONOMOUS INSTITUTION)
(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)
Accredited by NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act,1956

STRATEGIC PLAN (2018 – 2023)

The strategic plan aspires to expand MLRITM's scope in delivering quality technical education and advancing research, aligning with our long-term vision: 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.

The institute strategic plan for 2018-2023 has been meticulously crafted to guide the systematic advancement of the institute across multiple dimensions, including academics, research and development, administrative excellence, and infrastructure growth. This comprehensive framework aims to ensure the institute's sustained evolution, fostering innovation, efficiency, and a robust foundation for future achievements.

Strategy – 1: Promotion of mutually beneficial engagement with industry and society.

Strategy –2: Enhance Educational Opportunities.

Strategy – 3: Explore alternative avenues for fundraising.

Strategy – 4: Advancing the frontiers of knowledge.

Strategy – 5: Develop future leaders and innovators

OBJECTIVES, STRATEGIES AND METRICS FOR IDENTIFIED STRATEGIES:

Strategy – 1: Promotion of mutually beneficial engagement with industry and society.

OBJECTIVES:

1.1 Focus on technology patenting and commercialization
1.2 Supports for startups
1.3 Student startup incubation center
1.4 curriculum development to address real-world problems
1.5 Community engagement and social interaction
1.6 Active learning

1.1 Focus on Technology Patenting and Commercialization:

- Innovation support hubs.
- Patent incentive programs.
- Industry partnerships for technology transfer.
- Collaborative patent networks.

1.2 Networking and Industry Partnerships

- Networking and industry partnerships
- Access to institutional resources and research facilities
- Internship programs for startups

1.3 Student Startup Incubation Center:

- Innovation and idea development program

- Access to industry expertise and mentorship

- Funding and financial support opportunities

- Business and entrepreneurial skills training

1.4 Curriculum Development to Address Real-World Problems:

- Industry-aligned curriculum design
- Project-based learning integration
- Partnerships with companies for real-world projects
- Interdisciplinary and collaborative learning

1.5 Community Engagement and Social Interaction:

- Community-based learning projects
- Guest lectures and workshops from community leaders
- Service-learning programs and volunteering opportunities
- School-community events and open days

1.6 Active Learning:

- Incorporate methods such as group discussion, peer teaching, case studies, flipped classrooms, and problem-based learning.
- Provide workshops and training to educators on active learning strategies and tools.
- Facilitate opportunities for group projects, peer collaboration, and interdisciplinary learning.

Strategy –2: Enhance Educational Opportunities

Objectives:

2.1 Expand educational opportunities

2.2 Anticipate industry needs

2.3 Curriculum development in emerging technologies

2.4 Skill development programs

2.5 Introduce foreign languages

2.6 Offer minor, honor and certificate courses

2.7 Choice-based credit system

2.8 Credit transfer policy

2.1 Expand Educational Opportunities:

- Establish industry-academia collaboration programs.
- Develop flexible learning pathways and certifications

2.2 Anticipate Industry Needs

- Develop courses in emerging technologies.
- Establish an industry advisory board.
- Incorporate soft skills and ethics training.

2.3 Curriculum Development in Emerging Technologies:

- Launch foundational courses in emerging technologies
- Introduce hands-on sessions and capstone projects
- Establish certification programs in advanced topics

2.4. Skill Development Programs:

- Conduct technical skill workshops.
- Launch soft skills and communication training.
- Implement career readiness boot camps.

2.5 Introduce Foreign Languages:

- Launch beginner and intermediate language courses
- Establish language exchange and cultural immersion programs

2.6 Offer Minor , Honor and Certificate Courses:

- Develop interdisciplinary minor programs.
- Launch certificate courses in emerging technologies.
- Create flexible credit transfer options.

2.7 Choice-Based Credit System: Implement a flexible system where students can choose their subjects.

- Design a wide range of elective courses.
- Implement flexible credit accumulation.
- Introduce cross-department course registration.

2.8 Credit Transfer Policy

- Implement standardized credit transfer policies aligned with accreditation

standards.
- Develop or adopt a digital platform to facilitate credit transfers and maintain transparency.

Strategy – 3: Explore alternative avenues for fundraising

Objectives:

3.1 Industry-academia partnerships
3.2 Revenue generation and resource allocation
3.3 CSR project alignment
3.4 Proposal development and submission
3.5 Fund generation through consultancy

3.1 Industry-Academia Partnerships

- Establish collaborative research projects with industry.
- Organize industry-led workshops and guest lectures.
- Implement internship and collaborative programs with partner companies

3.2 Revenue Generation and Resource Allocation: Establish a consultancy project scheme.

- Create a faculty-led consultancy cell.
- Involve students in consultancy projects.
- Develop a revenue-sharing model for faculty and departmental growth

3.3 CSR Project Alignment: Leverage benefits from Corporate Social Responsibility (CSR)

- Partner with Corporations on Community Development Projects.
- Launch Scholarships and Grants for Underprivileged Students.
- Establish Environmental Sustainability Initiatives on Campus.

3.4 Proposal Development and Submission:
- Establish a dedicated proposal development team.
- Build partnerships with government bodies and research councils.
- Develop proposal templates and training workshops for faculty.

3.5 Fund generation through consultancy

- Establish partnerships and networks with industry leaders.
- Focus on acquiring new clients and maintaining relationships with existing ones.
- Regularly evaluate consultancy projects and outcomes.

Strategy – 4: Advancing the frontiers of knowledge

Objectives:

4.1 Organization of advanced research conferences

4.2 Formation of multidisciplinary research teams

4.3 Enhancement of research facilities

4.4 Recruitment strategies for faculty and researchers

4.1 Organization of Advanced Research Conferences:

- Develop an annual flagship research conference.
- Establish collaborative conference partnerships.
- Provide research presentation and publication opportunities for students.

4.2 Formation of Multidisciplinary Research Teams:

- Establish multidisciplinary research centers.
- Organize multidisciplinary collaboration workshops.
- Provide funding and incentives for multidisciplinary research.

4.3 Enhancement of Research Facilities:

- Upgrade research labs and equipment.
- Establish dedicated workspaces for students and research scholars.
- Introduce research support programs (grants, mentorship, and collaboration).

4.4 Recruitment Strategies for Faculty and Researchers:

- Attract distinguished faculty and researchers through competitive compensation packages.
- Create a talent development program for young academics.
- Build strong relationships with global research institutions.

Strategy – 5: Develop future leaders and innovators

Objectives:

5.1 Student participation in national and international technical competitions.

5.2 Including recognition for experiential learning.

5.3 Establish a career guidance cell to provide support for competitive examinations like gate, cat...etc.

5.4 Offer longer-duration internships for students in industry settings.

5.5 Encourage student participation in the governance of the institute.

5.6 Organize events and activities by students, for students.

5.7 Increase student involvement in organizing conferences, alumni meetings, and other events.

5.8 Provide more chances for students to engage in industrial and community projects

5.1 Student participation in national and international technical Competitions.

- Establish dedicated technical training programs.
- Collaborate with industry and alumni for sponsorships and funding.
- Form competitive teams and collaboration networks.

5.2 Including recognition for experiential learning.

- Establish an experiential learning and competitions recognition program.
- Industry-academia collaboration for practical exposure and mentorship.
- Host annual interdisciplinary competitions and innovation challenges.

5.3 Establish a Career Guidance Cell to provide support for competitive examinations like GATE, CAT...etc.

- Comprehensive coaching and preparation programs.
- Internship and industry exposure for competitive exam aspirants.
- Host regular workshops, mock tests, and seminars.

5.4 Offer longer-duration internships for students in industry settings.

- Establish industry partnerships for extended internship programs.
- Create structured internship programs with academic integration.
- Offer mentorship and professional development during internships.

5.5 Encourage student participation in the governance of the institute.

- Student governance council .
- Feedback and innovation forums.
- Student-led committees for campus improvements.

5.6 Organize events and activities by students, for students.

- Student event committees.
- Event management internship program.
- Leadership and networking workshops for student organizers.

5.7 Increase student involvement in organizing conferences, alumni meetings, and Other events.

- Industry partnership program.
- Community engagement and service-learning program.
- Capstone projects with industry and community focus.

5.8 Provide more chances for students to engage in industrial and community Projects

- Build strong collaborations with industries, NGOs, and community organizations to identify potential opportunities.
- Provide academic credits, stipends, or certifications for students who successfully complete industrial or community projects.
- Train students in essential skills required for industrial and community projects, such as project management, communication, and technical expertise.