Marri Laxman Reddy Institute of Technology and Management

(UGC Autonomous)

Dundigal, Hyderabad – 500043

Internship Policy

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Internship Policy

The Full-Term Internship forms an intrinsic part of the B. Tech academic curriculum at MLRITM. This is a well-structured experiential learning activity that enables strengthening the theoretical foundation built among students with hands-on experience of the latest industrial and organizational practices.

This internship framework enables students to acquire practical and analytical skills, gain exposure to contemporary industry challenges and professional standards, and develop essential employability competencies relevant to their chosen discipline.

On-site industrial work experience helps the students to integrate academic input with professional practice, develop high levels of communication and interpersonal skills, and gain insight into workplace expectations. The Full-Term Internship thus demonstrates career readiness and serves as a very effective route into employment and professional development.

1. **Objectives**

   The objectives of the Full-Term Internship Policy are to:

   - **Provide extended and immersive industrial exposure** to deserving B. Tech students in relevant engineering domains.
   - **Enable effective application of theoretical knowledge** acquired through academic coursework to real-world industrial practices.
   - **Enhance technical competence and hands-on engineering skills** through structured, full-time industry engagement.
   - **Develop professional skills,** including problem-solving, teamwork, communication, and workplace ethics.
   - **Familiarize students with contemporary technologies, tools, and industry standards** aligned with their discipline.
   - **Improve employability and career readiness** by exposing students to professional work environments and expectations.

2. **Expected Outcomes**

   Upon successful completion of the full-term internship, students are expected to:

   - Demonstrate the ability to apply theoretical concepts to practical engineering and technological problems.
   - Acquire domain-specific technical skills aligned with industry standards and professional practices.

- Exhibit improved analytical, critical thinking, and decision-making abilities in real-world scenarios.
- Develop professional competencies including communication, teamwork, time management, and workplace ethics.
- Gain clarity on career pathways, industry expectations, and professional responsibilities, thereby improving placement readiness.

3. **Eligibility Criteria**

Eligibility for undertaking a Full-Term Internship is restricted to B. Tech students who have secured a minimum CGPA of 8.0 with no backlogs.

FSI is a full semester internship program carry 14 credits. The FSI shall be opted in VIII semester only. Students who have completed professional elective-V and professional elective-VI through MOOCS/NPTEL through early registration only allowed to do Full Semester Internship. During the FSI, student has to spend one full semester in an identified industry / firm / R&D organization or another academic institution/University where sufficient facilities exist to carry out the project work. Following are the evaluation guidelines:

- Quizzes: 2 times

- Quiz #1 - About the industry profile, weightage: 5%

- Quiz #2 - Technical-project related, weightage: 5%

- Seminars - 2 times (once in six weeks), weightage: 7.5% + 7.5%

- Viva-voce: 2 times (once in six weeks), weightage: 7.5% + 7.5%

- Project Report, weightage: 15%

- Internship Diary, weightage: 5 %

- Final Presentation, weightage: 40%

FSI shall be open to all the branches with a ceiling of maximum 10% distributed in both semesters. The selection procedure is:

- Choice of the students
- CGPA (> 7.5) up to IV semester having no credit arrears.
- Competency Mapping / Allotment.

It is recommended that the FSI Project work leads to a research publication in a reputed Journal/Conference or the filing of patent/design with the patent office, or the start-up initiative with a sustainable and viable business model accepted by the incubation center of the institute together with the formal registration of the startup.

4. Duration of Internship

- The Full-Term Internship will be undertaken for a continuous period of three to four months.
- The internship must be conducted in a single approved organization.

5. Permitted Industries/Organizations

Full-Term Internships shall be undertaken only in recognized, reputed, and Institute-approved organizations that provide relevant technical exposure aligned with the student's B. Tech programme. Such organizations may include, but are not limited to, the following:

- Core Engineering Industries, including organizations engaged in civil, mechanical, electrical, electronics, and allied engineering domains.
- Manufacturing, Production, and Process Industries, involving design, operations, quality control, automation, and industrial engineering practices.
- Information Technology and Technology-Driven Organizations, including software development, data analytics, artificial intelligence, machine learning, cybersecurity, cloud computing, and related areas.
- Research and Development (R&D) Organizations, laboratories, and centres involved in applied research, innovation, product development, and technological advancement.
- Government Organizations, Public Sector Undertakings (PSUs), and Statutory Bodies, approved by competent authorities.
- Approved Private Sector Organizations with established technical infrastructure and professional work environments.
- Institute-approved Start-ups, Innovation Hubs, and Incubation Centres, engaged in engineering, technology development, and product-based solutions.

6. Rules and Regulations

- Students shall undertake the internship only in an Institute-approved organization and for the approved duration of three to four months, without any break or change of organization.
- Students shall commence the Full-Term Internship only after obtaining formal approval from the Head of the Department. The internship organization, duration,

location, assigned role, and schedule shall remain unchanged throughout the approved internship period.

- Each student shall be assigned a Faculty Mentor who shall monitor progress, guide academic relevance, and evaluate periodic performance during the internship period.

- Students shall comply with the rules, regulations, safety standards, confidentiality policies, and professional code of conduct of the host organization at all times.

- Regular progress reporting is mandatory, and students shall submit periodic progress reports and a comprehensive final internship report in the prescribed format.

- Attendance, performance, and feedback from the industry mentor shall be considered as part of the internship assessment, wherever applicable.

- The credit allocation, evaluation methodology, and assessment framework for the Full-Term Internship shall be implemented strictly in accordance with the applicable provisions of the Institute Academic Regulations (MLRS-BT25).

7. Internship Expenses

All expenses incurred for undertaking the Full-Term Internship shall be the responsibility of the student, as per the norms and guidelines prescribed by the Institute.

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