

INTERNSHIP OPPORTUNITIES @ MSRIT AICTE IDEA LAB

M S Ramaiah Institute of Technology, Bengaluru

MS Ramaiah Institute of Technology (MSRIT), one of India's premier engineering institutions, is known for its strong academic excellence, innovation-driven ecosystem, and industry-oriented learning. The AICTE IDEA LAB at MSRIT is established to foster creativity, product innovation, hands-on learning, and interdisciplinary collaboration among students, faculty, and external innovators.

The MSRIT AICTE IDEA LAB provides state-of-the-art facilities for design, prototyping, digital manufacturing, IoT systems, and intelligent product development, enabling participants to transform ideas into real-world solutions.

About the Internships

The MSRIT AICTE IDEA LAB invites students, innovators, and aspiring technologists to participate in its hands-on, project-driven internship programs. These internships are designed to bridge the gap between theory and practice by focusing on real-world problem solving, product development, and deployable systems.

Participants will work in a lab-driven environment, guided by experts, and will develop industry-relevant skills and portfolio-ready projects.


Internship Domains & Duration

1. Applied Machine Learning & Intelligent Systems Internship

Duration: 8-12 Weeks


Build and deploy intelligent systems integrating Machine Learning and IoT, including real-time data processing, predictive systems, and smart applications.

2. Advanced 3D Product Design & Additive Manufacturing Internship

 **Duration: 12-24 Weeks**

Develop industry-grade products through advanced CAD design, iterative prototyping, and additive manufacturing workflows, culminating in a fully functional engineered system.

3. 3D Product Design & Additive Manufacturing Internship

 **Duration: 8-12 Weeks**


Learn rapid prototyping and product design fundamentals, and create a functional 3D printed product using modern design tools and lab facilities.

4. Vinyl Printing & Personalized Product Making Internship

 **Duration: 4-12 Weeks**


Gain hands-on experience in custom product design and manufacturing, including vinyl cutting, heat transfer printing, and personalized product creation—ideal for entrepreneurial ventures.

5. IoT & Smart Systems Development Internship

 **Duration: 8-12 Weeks**

Design and deploy smart IoT systems involving sensors, embedded systems, communication protocols, and real-time dashboards.

6. Product Development & Reverse Engineering Internship

 **Duration: 8-12 Weeks**

Master reverse engineering and product redesign, including 3D scanning, CAD modeling, and development of manufacturing-ready products.

Key Features of the Internship

- Hands-on, project-based learning approach
- Access to state-of-the-art MSRIT AICTE IDEA LAB facilities
- Work on real-world problems and applications
- Build deployable systems / functional prototypes
- Develop a strong technical portfolio
- Exposure to industry-relevant tools and workflows
- Guidance from experienced mentors

Interns are expected to complete a final working project, along with proper documentation and presentation.

Key Information

Eligibility	Open to Engineering students (all branches), Diploma students, recent graduates, and innovation enthusiasts with an interest in hands-on learning, product development, and emerging technologies.
Number of Vacancies	Minimum 20 Internship Positions (as per AICTE IDEA LAB guidelines)
Internship Domains & Duration (4-12 Weeks)	<ul style="list-style-type: none"> • Applied Machine Learning & Intelligent Systems • Advanced 3D Product Design & Additive Manufacturing • 3D Product Design & Additive Manufacturing • Vinyl Printing & Personalized Product Making • IoT & Smart Systems Development • Product Development & Reverse Engineering • Note: Students may also propose and opt for internship domains beyond those listed above, subject to feasibility and approval by the MSRIT AICTE IDEA LAB.
Mode	Hands-on, Lab-based + Project-driven + Guided Learning
Location	MSRIT AICTE IDEA LAB MS Ramaiah Institute of Technology, Bengaluru https://maps.app.goo.gl/2CtwUjsMihHjmoa7
Internship Outcome	Each intern will develop a working prototype / deployable system / product, along with complete documentation, presentation, and demonstration.
Certification	Certificate will be awarded upon successful completion of the internship and project.
Remuneration	This is a free internship opportunity. No stipend is provided.
Facilities Provided	Access to MSRIT AICTE IDEA LAB infrastructure, tools, software, prototyping equipment, and expert mentorship.

How to Apply

1. Email your CV/Resume and a brief cover letter expressing your area of interest (preferred internship domain) to idealab@msrit.edu.
2. Clearly mention the internship domain and duration you are applying for in the email subject line.
3. Applications will be reviewed by the MSRIT AICTE IDEA LAB team, and shortlisted candidates may be contacted for further interaction/interview.
4. Selected candidates will receive confirmation along with further instructions regarding the internship schedule and process.



Website: <https://www.msrit-idealab.com>