

Summer Internship & Industry Training Program

For B.Tech, BCA, MCA, MTECH

1. Introduction

Mechatron Technologies is committed to bridging the gap between academic learning and industry requirements by providing practical, project-based internship and training programs for engineering students. Our programs are designed to provide hands-on technical exposure, real-world project experience, and career readiness skills aligned with current industry standards in the IT and emerging technology sectors.

As part of our academic collaboration with we are pleased to extend our Summer Internship and Industry Training Programs for B.Tech students across multiple disciplines.

2. Internship & Training Programs Offered

We offer structured internship and training programs designed to provide practical exposure and technical expertise.

A. 45 Days Internship Programs (90 Hours)

Students can enroll in the following domains:

- Code to Create – Frontend Web Development Mastery
- Build to Sell – WordPress, E-Commerce & LMS Development
- Autonomous & Bluetooth Robotics Program
- Cloud Intelligence & Virtual Infrastructure Program
- IT Support & System Administration Essentials

These programs focus on hands-on learning, project-based training, and practical skill development aligned with industry needs.

B. 90 Days Advanced Internship Programs (180 Hours)

For students seeking deeper technical learning:

- Job-Ready Web Developer – Frontend to E-Commerce Development
- Future Tech Mastery – Robotics, AI, Cloud & Productivity Tools

These advanced programs include real-world project development and professional skill preparation.

3. Key Learning Outcomes

Students participating in these programs will gain:

- Hands-on experience with modern technologies
- Real-world project development experience
- Industry-oriented technical skills
- Resume building and portfolio development
- Mock interview preparation
- Career mentorship and guidance

Each student will receive a Certificate of Internship / Industry Training upon successful completion.

4. Special Benefits for MOU Partner Institution

If your Institution is an Academic Partner Institution, the following exclusive benefits are offered to students:

- Institutional Discount
- All students will receive:

Flat 15% Discount on all internship and training programs (if candidate gets scholarship 15% discount will not be applicable)

Scholarship Assessment Program

To encourage high-performing students, Mechatron Team will conduct a Scholarship Assessment Test.

Based on the assessment results:

Rank	Scholarship Offered
Top 5 Students	75% Discount
Rank 6–10 Students	60% Discount
Rank 11–15 Students	50% Discount

This initiative aims to support talented students and promote merit-based opportunities.

5. Student Enrollment Process

Students can follow the process below to participate:

- Visit the Mechatron website to explore available internship programs.
- Select a program aligned with their branch or career interest.
- Register online through the MS form (to be circulated by student or tpo coordinators)
- Students may also schedule a free career counselling session to receive guidance before enrollment.
- Interested students can participate in the Scholarship Assessment Test.

6. Additional Student Support

Beyond technical training, Mechatron Technologies also provides:

- Resume building assistance
- Mock interviews and career preparation
- Mentorship from industry professionals
- Guidance for career pathways in IT and emerging technologies

These initiatives ensure that students develop both technical competencies and professional readiness.

7. Optional Student Awareness Session

To support student participation, we would be happy to conduct a complimentary online awareness session for students covering:

- Industry skill requirements for engineering graduates
- Career pathways in IT and emerging technologies
- Internship opportunities and training programs
- Scholarship assessment details

8. Conclusion

Mechatron Technologies looks forward to supporting the students of your institution by providing meaningful industry exposure and skill development opportunities.

We believe that this initiative will help students build practical competencies, improve career readiness, and gain valuable industry insights.

We would be happy to collaborate further and coordinate with the Training & Placement Cell to facilitate student participation

Guidelines for Conducting the Mechatron Learning Hub's Scholarship Assessment Test (SAT)

Only For MOU Partner Institutions

1. Overview

The Mechatron Scholarship Assessment Test (SAT) is designed to identify talented and motivated students from partner institutions and provide them with merit-based scholarships for Mechatron Internship and Industry Training Programs.

The assessment helps students evaluate their analytical ability, understanding of computer fundamentals, and awareness of emerging industry technologies that are shaping modern careers in the technology sector.

This initiative also enables institutions to provide their students with industry exposure, skill development opportunities, and career readiness support through Mechatron's structured internship and training programs.

2. Test Format

The SAT will be conducted in offline mode under the supervision of the college and Mechatron team to ensure transparency and fairness.

Mode: Offline (Pen & Paper)

Duration: 45 Minutes

Total Questions: 30

Total Marks: 100

Question Type: Multiple Choice Questions (MCQ)

Section Distribution:

Section	Questions	Marks
Logical Reasoning	10	30
Computer Fundamentals	10	30
Industry Trends and Relevance	10	40

3. Section Coverage

The SAT focuses on evaluating analytical thinking, technical awareness, and understanding of modern technology trends.

- **Logical Reasoning**

This section evaluates the student's ability to think logically and solve problems.

Topics may include:

1. Pattern recognition
2. Numerical reasoning
3. Analytical problem solving
4. Logical sequences
5. Basic aptitude questions

- **Computer Fundamentals**

This section evaluates basic understanding of computing concepts required in modern workplaces.

Topics may include:

1. Operating systems
2. Networking basics
3. Internet and web technologies
4. Software applications
5. Basic cybersecurity awareness

- **Industry Trends**

This section measures the student's awareness of emerging technologies and industry developments.

Topics may include:

1. Cloud computing basic concepts
2. Artificial Intelligence and Machine Learning
3. Basics Of Robotics and automation
4. Basic Of Cybersecurity fundamentals
5. IT infrastructure and digital transformation

The objective of this section is to assess technology awareness and curiosity rather than deep technical specialization.

4. Scholarship Criteria

Students performing well in the SAT will be awarded scholarships for Mechatron Internship and Training Programs.

Performance Category	Scholarship Offered
Top 5 Students	75% Scholarship
Rank 6 – 10 Students	60% Scholarship
Rank 11 – 15 Students	50% Scholarship
All Participants	15% Discount (MOU Partner Benefit)

This structure ensures that every participating student receives an exclusive institutional benefit, while high-performing students receive significant merit-based scholarships.

5. Expected Outcome

Through the SAT initiative, students will:

- Understand their current skill level compared to industry expectations
- Gain awareness of emerging technologies and career opportunities
- Access structured internship and industry training programs
- Receive career mentorship and guidance

Students who enroll in Mechatron programs will also benefit from hands-on projects, resume development support, and interview preparation assistance.

6. Coordination with the Institution

To successfully conduct the SAT, we request the support of the Training & Placement Cell for:

- Informing students about the assessment opportunity
- Sharing the registration link with interested candidates
- Providing a classroom or hall for conducting the test
- Coordinating with the Mechatron team on the scheduled date

7. Conclusion

Mechatron Technologies is committed to supporting partner institutions in enhancing student employability and bridging the gap between academic learning and industry requirements.

We look forward to conducting the Mechatron Scholarship Assessment Test (SAT) at your institution and helping students gain meaningful industry exposure and career development opportunities.