



The Board of Governors have established
A Student Section at

JSPM University

As evidenced by this Charter signed by the officers of the Society established
March 2026

A handwritten signature in black ink, appearing to read 'Lester Su'.

Lester Su
President



A handwritten signature in black ink, appearing to read 'Thomas Costabile'.

Thomas Costabile P.E.
Executive Director/CEO

JSPM University, Pune
Faculty of Science and Technology
School of Mechanical And Manufacturing Sciences
RobotzAI
(The official Robotics club of JSPM University, Pune)

Vision:

To be the leading campus hub for technology and robotics, advancing futuristic careers, and contributing to the University's excellence.

We will make sure that the club's achievements will directly translate into a boost for the University's brand and educational value. This forward-looking statement positions the club not just as a student activity but as a strategic partner in advancing the University's reputation for excellence in technology.

Mission:

To empower students through hands-on robotics, creative collaboration, and real-world innovation—building leaders and advancing campus tech culture.

This mission statement ensures that the club's focus is not solely on high-level competition, which might alienate beginners. By explicitly mentioning "non-competitive projects" and "cultivating a culture of mentorship," the mission establishes a welcoming environment for all students, regardless of their prior experience. This dual approach provides a strong justification for the club's existence to the University administration on both academic and social grounds, ensuring a wide and sustainable recruitment base.

Our Club's Impact On Campus:

On-Campus: Host regular workshops, seminars, robotics game nights, and robot demonstrations to increase visibility and attract new members.

Community Engagement: Partnering with local Robotics and related clubs and engaging in friendly competitions.

Fostering STEM Engagement with Local Zilla Parishad Schools: We aim to establish strategic partnerships with local Zilla Parishad (ZP) schools, recognizing their limited

access to modern technological resources. Through these collaborations, we will organize immersive university and club visits for ZP school students.

Inter-University Collaborations and Workshops: We will invite students from other university robotics clubs to participate in joint meetings, workshops, and collaborative projects.

Community Problem-Solving Workshops: The club would partner with local non-profits, municipal departments, or small businesses to identify a specific, local challenge that could be addressed with technology.

Industry Connect: The club will actively seek partnerships with leading robotics manufacturers and prominent robotics application users, such as Volkswagen and Mercedes-Benz, to provide members with unparalleled industry exposure and invaluable real-world experience.

Guest Lectures and Workshops: Industry experts and thought leaders will be invited to conduct specialized sessions, offering profound insights into current technological advancements, emerging trends, industry challenges, and diverse career pathways within the field of robotics.

Internship and Placement Opportunities: Partnerships will create direct avenues for members to access highly sought-after internship programs and potential full-time placement opportunities within esteemed partner organizations, fostering practical skills development and professional networking.

Project Collaboration: Opportunities will be cultivated for members to engage industry-sponsored projects, enabling them to apply theoretical knowledge to complex, practical challenges and contribute to innovative solutions.

Facility Tours and Site Visits: Organized visits to advanced manufacturing plants and state-of-the-art research and development centers will provide members with first hand exposure to large-scale robotics applications, automation processes, and cutting-edge operational environments.

External Sponsorship: Seek external financial and in-kind support from leading technology companies, local businesses, and alumni networks to fund projects, acquire advanced equipment, and support club activities

Planned Activities and Roadmap :

The club's activities will be structured using a tiered framework. This approach is a critical pedagogical tool that supports continuous learning and member retention.

Months 1-3:

Establishing Basics (Tier 1):

- Establish Core Infrastructure: Secure dedicated exploration Center space, finalize initial budget, and acquire essential basic equipment.
- Recruitment Drive: Launch comprehensive recruitment campaigns targeting all departments through orientation sessions, informational booths, and social media.
- Executive Committee Training: Conduct workshops for the Executive Committee on leadership, project management, and university policy compliance.

Months 4-6:

Growth and Engagement (Tier 2) :

- Advanced Project Initiation: Begin thematic challenges and more complex projects, allowing members to specialize in areas like drone control, computer vision, or robotic arms.
- External Sponsorship Outreach: Develop and send out sponsorship proposals to local businesses and relevant organizations.
- On-Campus Outreach Events: Host the first "Robotics Game Night" or robot demonstration to increase visibility and attract a second wave of members.
- Mentorship Program Launch: Pair experienced members with recruits to foster a supportive learning environment.

Months 7-9:

Advanced Development and Community Impact (Tier 3):

- Major Project Development: Intensive work on the scheduled projects, focusing on advanced CAD, 3D printing, and sophisticated control systems.
- Community Engagement Event: Organize an outreach event with local schools or community centers to demonstrate club projects and inspire younger students.
- Internal Showcase: Host an end-of-semester showcase Robothon for club projects to celebrate achievements and attract future members and sponsors.
- Weekly Training Sessions: Conduct regular training sessions covering fundamental and advanced robotics concepts, software tools, and hands-on build skills.
- Club Competitions and Events: Organize internal and inter-club competitions to foster a spirit of exploration and healthy rivalry. This can include hosting a tech fest or a major tech competition under the club's banner, alongside fun game nights where students can enjoy the club's perks.