

# UAS NMIMS

## Competition Performance Report

Academic Year 2025 – 2026

MPSTME, NMIMS Shirpur Campus

### At a Glance

Competition	Organizer / Venue	Date	Result
Boeing Aeromodelling – Regionals	IIT Gandhinagar	Nov 2025	3rd Place
Boeing Aeromodelling – Nationals	Bangalore	Aug 2025	Participated
IIT Bombay Techfest – Drone Event	IIT Bombay	Dec 2025	Finals Qualifier
Drone Helix – Mindbend	SVNIT, Surat	Mar 2026	2nd Place
Carry the Consignment – Mindbend	SVNIT, Surat	01 Mar 2026	4th Place
ISRO IRoC-U 2026	ISRO / Online	Dec 2025 – Aug 2026	preliminary Round Cleared

### 1. Boeing Aeromodelling Competition – Regionals



**Venue:** IIT Gandhinagar **Result:** 3rd Place | Qualified for Nationals

**Team:** Achyut Vyas, Atharva Sharma, Aditya Thukral, Sonishka Gupta, Yash Vardhan Purohit, Aditya Chowdhury, Jiya Patel, Atharva Agrawal, Parth Mahajan, Siddhant Thakur

Team UAS NMIMS secured 3rd place at the Boeing Aeromodelling Regional Competition hosted at IIT Gandhinagar. The team designed, fabricated, and flew a custom RC aircraft, demonstrating proficiency in aerodynamics, structural engineering, and flight mechanics. The performance earned the team a direct qualification to the Boeing Nationals.

### 2. Boeing Aeromodelling Competition – Nationals



**Venue:** Bangalore **Result:** Participated – Successfully Completed the Mission

**Team:** Mahak Sharma, Dhiren Jain, Arjav Jain, Tanmay Porwal, Ananya Mishra

Qualifying directly from the regionals, the team represented NMIMS at the Boeing Aeromodelling Nationals in Bangalore. The team successfully executed the assigned flight mission, competing against top engineering institutions from across the country.

### 3. IIT Bombay Techfest – Drone Competition



**Venue:** IIT Bombay **Result:** Qualified for the Final Round

**Team 1:** Atharva Sharma, Aditya Chowdhury, Parth Mahajan, Siddhant Thakur

**Team 2:** Ananya Mishra, Jiya Patel, Dhiren Jain, Atharva Agrawal

UAS NMIMS fielded two teams at IIT Bombay's prestigious Techfest. Both teams cleared the qualifying rounds and advanced to the final stage of the drone competition, showcasing the team's consistent technical capability at a national-level platform.

### 4. Mindbend Techfest (SVNIT)



## A. Drone Helix

**Venue:** SVNIT, Surat **Result:** 2nd Place

**Team:** Ananya Mishra , Atharva Sharma, Mahak Sharma, Atharva Agrawal, Parth Mahajan, Aditya Chowdhury  
Team UAS NMIMS secured 2nd place in the Drone Helix competition — an autonomous flight challenge involving GPS-guided waypoint navigation and precision payload drop. The team programmed the drone via Mission Planner to autonomously navigate to a set of GPS coordinates, release a payload at the target, and execute an automatic Return-to-Launch (RTL) sequence.

## B. Carry The Consignment

**Date:** 01 March 2026 **Venue:** SVNIT, Surat **Result:** 4th Place

**Team:** Atharva Sharma, Atharva Agarwal, Ananya Mishra, Mahak Sharma, N. Sai

In the fixed-wing payload delivery event at Mindbend, the team successfully completed the core mission of transporting and delivering a payload under defined constraints. The team placed 4th overall, gaining valuable experience in fixed-wing UAV operations.

## 6. ISRO Robotics Challenge – URoC 2026

**Mode:** Online **Duration:** Dec 2025 – Aug 2026 **Organizer:** ISRO / URSC

**Team:** Atharva Sharma, Tanmay Porwal, Parth Mahajan, Dhiren Jain, Jiya Patel, Ananya Mishra, Mahak Sharma, Arjav Jain, Aditya Khairnar, Siddhant Thakur

Team UAS NMIMS is currently competing in the ISRO Robotics Challenge (IRoC-U) 2026, organized by ISRO's URSC division. The team successfully cleared the preliminary screening round and submitted all qualification deliverables — including system design documentation and implementation details — within the stipulated timeline. Results for the qualification stage are currently awaited.

This is a significant milestone, representing the team's first foray into a national space-agency-level competition.