



Maharaja Agrasen Institute of Technology, Delhi

Department of Mechanical Engineering

EVENT PARTICIPATION & ACHIEVEMENT REPORT

Academic Year: 2025-2026 | **Semester:** Even

Club/Society: SAEINDIA Collegiate Club of MAIT

Report Type: Co-curricular / Extracurricular Achievement

1. Event Profile

- **Title of the Event:** Aravalli Terrain Vehicle Championship (ATVC) 2026
- **Level of Event:** National
- **Date of Event:** 27th March to 31st March 2026
- **Venue:** Monark University, Ahmedabad, Gujarat
- **Total Participating Teams:** 65 Teams (Including premier institutes like IIT Gandhinagar, NIT Kurukshetra, NSUT and etc.)
- **Participating Team from MAIT:** Team Jatayu (SAEINDIA Collegiate Club of MAIT)
- **Faculty Coordinator:** Mr. Rakesh C. Saini

2. Objectives of Participation

- **Practical Application (PO1, PO2, PO3 and PO4):** To apply theoretical engineering concepts (design, kinematics, and thermodynamics) to the real-world fabrication of a rugged All-Terrain Vehicle (ATV).
- **Modern Tool Usage (PO5):** To utilize industry-standard design and analysis software for vehicle optimization.
- **Teamwork and Leadership (PO9, PO11):** To foster multidisciplinary coordination, project management, and financial planning within a student-led team.
- **Innovation and Professionalism (PO8, PO10, PO11):** To compete at a national level, adhering to strict safety and technical guidelines while innovating under constraints.

3. Executive Summary of the Event

Team Jatayu represented the SAEINDIA Collegiate Club of MAIT at the highly competitive ATVC 2026. Competing against 65 premier engineering institutions nationwide, the team demonstrated exceptional technical ingenuity, strategic maneuvering, and robust vehicle design. Team Jatayu distinguished itself early by being the first team to clear the rigorous Safety and Technical Inspection (TI) and Brake Tests. The team dominated both dynamic and static events, ultimately clinching the **Overall National Championship (AIR 1st)**.





4. Details of Achievements and Awards

The team secured the overall championship along with multiple podium finishes in individual categories, resulting in a total cash prize of ₹90,000/-.

S.No.	Event / Evaluation Category	Position Secured	Prize Amount (INR)
1	Overall Championship (All India Rank)	1st Position 🏆	₹40,000/-
2	Endurance Event	1st Position	₹20,000/-
3	Acceleration Event	1st Position	₹10,000/-
4	Maneuverability Event	2nd Position	₹15,000/-
5	Innovation Category	2nd Position	₹5,000/-
6	Technical Inspection (TI)	1st to Clear	-
7	Brake Test	1st to Clear	-
Total			₹90,000/-

5. Learning Outcomes

Upon the successful completion of this event, the participating students were able to:

1. **Enhance Technical Proficiency:** Demonstrated superior engineering design and manufacturing skills, validating the institute's academic rigor. (PO1, PO2, PO3)
2. **Develop Problem-Solving Skills:** Handled real-time breakdowns and track challenges with innovative on-the-spot solutions. (PO2, PO3, PO4, PO5)

3. **Demonstrate Competitiveness:** Showcased the ability to excel among top-tier national institutes (IITs, NITs), boosting the institutional brand value. (PO8, PO9, PO10, PO11)

6. Acknowledgements & Support

The outstanding success of Team Jatayu is a direct result of the continuous guidance, infrastructural support, and financial encouragement provided by the MAIT administration, Director, Deans, HODs, and the Faculty.

7. List of Students

S. No.	NAME	E. No.	MOBILE NO
1	Harsh Raj Singh	00914808223	8750594944
2	Yogesh Gupta	04114803622	9667034106
3	Gaurav Singla	02714803622	9899094452
4	Mohit Joshi	3014811122	98702 86240
5	Harsh Garg	00814803622	8800169877
6	Raghav Gupta	00114811123	9654909094
7	Manvi Gupta	03614811123	9873995961
8	Jayant Chauhan	06114802723	93184 40776
9	Kanika Ahlawat	35414813123	99116 62074
10	Yash Bansal	03914811124	9315775355
11	Chinmay Popli	01914811124	8950415544
12	Piyush Dewanda	01614811124	8233407066
13	Lakshay Chawla	04314702025	99116 62074
14	Aditya Goel	03614815625	9310258872
15	Bhavya Garg	05714811125	93104 60594
16	Arman Sahwney	01614811125	8287996487
17	Ronak Singh	06114802725	8595343591
18	Shreyas Jha	01414804925	9717894729
19	Siddhan Arora	70161101723	9871130034
20	Shubh Lamba	09014801725	8595636654

8. Enclosures

1. *Copy of Student Certificates*

Prepared & Submitted By:

Name: Rakesh C. Saini
Designation: Assistant Professor

Verified By: **Dr. Vaibhav Jain**
HoD (ME)

Approved By: Prof. (Dr.) VIKRAM BALI
Director