Title: Event Report of Club/Committee **FF 984**

Bansilal Ramnath Agarwal Charitable Trust's
VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE - 411037
(An Autonomous Institute affiliated to University of Pune)

MoE's INNOVATION CELL (GOVERNMENT OF INDIA) Ministry of Education Government of India AICTE INSTITUTION'S INNOVATION COUNCIL

Event Report

Name of the Club: Team Endurance Racing	
Name of the Event: SAE BAJA	
Student Vertical : Technical	
Instalment of the said event (e.g.: Maiden/nth installment)	Consistent participation in SAE BAJA India since 2010
Date and time of event	07/01/26 to 12/01/26
Mode - Online Platform/ Venue:	NATRAX Track, Pithampur, Indore
Event span (hours/days)	6 days
Footfall/Total attendance	2500+
Name and contact of the key organiser(s)	SAEINDIA
No. of people involved in the organizing committee	250+
No. of faculty participated	1
Objective of the event	The objective of SAE BAJA India is to design, fabricate, and validate an all-terrain vehicle, testing students' engineering, teamwork, project management, and real-world problem-solving skills.
Brief description of the said event (100 words or more)	SAE BAJA India is a national-level engineering competition where teams of students design, manufacture, and test an All-Terrain Vehicle (ATV) to tackle real-world challenges. The event is conducted in multiple phases, including virtual design evaluation and physical dynamic events. Teams are judged on design, cost, sustainability, and innovation, followed by performance tests like acceleration, maneuverability, suspension,

	traction, and endurance. It emphasizes practical application of engineering concepts, teamwork, and project management. The competition simulates industry conditions, requiring students to work under constraints, meet deadlines, and present their work to experts, preparing them for careers in automotive and manufacturing sectors.
Benefits to students and Faculty	**Benefits to Students:** Strong fundamentals in design, manufacturing, and analysis Improves teamwork and leadership skills Develops project management and time management **Benefits to Faculty:** Opportunity to mentor students in real-world engineering projects Enhances teaching through practical application of concepts
Key event outcomes	Development of a fully functional All-Terrain Vehicle (ATV) Application of theoretical knowledge to real-world engineering problems Strong teamwork, leadership, and project management abilities

Title: Event Report of Club/Committee FF 984

Milestones set by the event (if any)	Achieved All India Rank 5 AIR 3 in Manufacturing Excellence Event MathWorks Simulation Award AIR1
Social media links for the respective team	Team Endurance Racing (@team_endurance_racing) • Instagram photos and videos https://www.linkedin.com/company/endurance-racing enduranceracing.baja@vit.edu (149) Team Endurance Racing - YouTube
Name and bio of chief guest/s in attendance along with social media links (if any)	Dr. Pawan Goenka – Former Managing Director, Mahindra & Mahindra; Former Chairman, Governing Council, SAEINDIA Mr. Anil D. Sahasrabudhe – Former Chairman, AICTE Mr. Raman Mittal – Senior Vice President, Mahindra Automotive Sector Mr. C. Mathai – Past Chairman, SAEINDIA
Event Sponsors and their brief description (if any)	The event is typically backed by major automotive manufacturers like Mahindra & Mahindra, powertrain partners such as Briggs & Stratton (for IC engines) and electric mobility companies for eBAJA, along with technical software sponsors like ANSYS, Altair, and MathWorks who provide simulation and design tools. Automotive component manufacturers, tyre companies such as MRF or CEAT, and industrial partners including Tata Technologies and Bosch also contribute through technical support, branding, and recruitment initiatives.

- ## Program Outcomes Section

Program Outcomes Indirectly Attained **(Please enter the rating in the second column)**	**Category (Rating)** **Not Applicable (0)** **Partially Agree(1)** **Agree (2)** **Strongly Agree (3)**
Engineering knowledge Has your ability to apply engineering knowledge to find solutions to engineering problems improved?	3
Problem analysis: Has your ability to identify, formulate, and analyse engineering problems improved?	3
Design/development of solutions: Has your ability improved to design and develop solutions to solve real world problems?	3

Conduct Investigations of Complex Problems: How effectively were you able to investigate complex engineering problems using research-based knowledge, including the design of experiments, modelling, analysis, and interpretation of data to draw valid conclusions?	3
The Engineer and the world: Is it possible for you to better apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues?	3
Engineering Tool Usage: How effectively were you able to create, select, and apply appropriate modern engineering and IT tools, including modelling and prediction techniques, while recognizing their limitations, to solve complex engineering problems?	3
Ethics: Is your professional ethics improved due to participation in the event/activities?	3

Title: Event Report of Club/Committee FF 984

Individual and team work: Has your ability to function effectively as an individual, and as a member or leader in diverse teams improved?	3
Communication: Has your ability to communicate effectively (comprehend and write effective reports, design documentation, make effective presentations, and give and receive clear instructions) improved?	3
Project management and finance: Are the project management skills and handling the finance for the event/activity improved?	3
Life-long learning: Has your ability to engage in independent and life-long learning in the context of technological change improved?	3

- **Photograph Section : geo-tagged photos**

- **Photograph Section : non geo-tagged photos**


Speed
TORQUE TO TRIUMPH
BAJA SAEINDIA 2026
WINNER


PLATINUM SPONSOR
GOLD SPONSOR
SILVER SPONSOR
BRONZE SPONSOR
F L Y H I G H
E11
BAJA SAEINDIA 2026
MathWorks
WINNER
MathWorks Electric Powertrain Simulation Challenge
FIFTY THOUSAND RUPEES ONLY
₹ 50000/-