



Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai
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Department of Mechanical Engineering

Event Name:	MBAJA SAE INDIA 2017-18
Location:	IIT ROPAR
Participating Team Name:	ARTEMIS RACING INDIA
Vehicle No:	#58
Date:	08-12 March 2018
Time:	10.00 Onwards

Programme Summary/Details:

Team Artemis Racing India participated in the highly anticipated BAJA SAEINDIA 2018 event, making a remarkable impression with their vehicle, Artemis 4.0. The event took place from March 8th to March 11th at IIT ROPAR, Chandigarh. The team's journey began with the registration process on March 8th, where they secured their spot and were allotted pit number 58. In the pit, the team meticulously arranged all the necessary tools, equipment, and spare parts that would be needed throughout the four-day event.

The first day, termed as the "Zeroth Day," involved a vital site level technical inspection. Clearing this inspection was crucial as it determined the team's eligibility to participate in the different dynamic events of BAJA 2018. Despite not having a prior technical inspection at the college level, Artemis 4.0 impressively cleared the technical inspection on the same day, with just one suggested change. Among the numerous teams, only nine were able to clear the site level technical inspection, and Artemis Racing India secured the fourth position among them.

The following day, known as the "First Day," commenced with the team preparing the vehicle for Static Evaluation. They were assigned the fifth slot for the Design evaluation, which carried 150 marks. The evaluation involved a presentation highlighting design changes compared to the previous year's car, followed by a question-answer session. Artemis Racing India successfully scored 76.7 points, ranking 7th in design. Subsequently, the team underwent cost report evaluation and sales presentation, showcasing their comprehensive understanding of the financial aspects of their project.

The second day, starting on March 10th, was dedicated to the "Static Events," which encompassed various dynamic events such as Maneuverability & Suspension and Traction. The vehicle's suspension had been designed and manufactured to navigate a specially designed track with diverse hurdles, including wooden logs, mud pits, rocks, sand, steps, deep potholes, sharp turns on steep slopes, negative banking, and a three-foot drop. Artemis Racing India accomplished these challenges with grace and confidence, positioning themselves favorably for the prestigious "Endurance Race."

On March 11th, the four-hour Endurance Race took place, attracting industry personnel and students from across India. This race tested the vehicle's durability on a demanding 4km track featuring steep hill climbs, uneven lands, mud traps, water bowls, narrow patches, and other obstacles. Only 60 vehicles qualified to compete in the endurance race. Artemis Racing India successfully completed the race with five laps, overcoming the toughest track in the 11-year history of BAJA SAEINDIA. Their impressive performance showcased their determination and technical prowess.

The final overall results were published on March 10th, ranking Team Artemis Racing India 25th in India, 10th in Maharashtra, and 3rd in Mumbai. The team's achievements were outstanding considering the support and trust they received from their institution, sponsors, and well-wishers. Throughout the event, Artemis 4.0 received accolades for its built quality and aesthetics, setting an



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example for other teams. The team expressed gratitude to their sponsors, management, and faculty advisors for their unwavering support and guidance.

Apart from their success on the track, two students from Artemis Racing India were shortlisted for job interviews conducted by automotive industry representatives during the event. This recognition further highlights the team's exceptional skills and potential.

In conclusion, Team Artemis Racing India's participation in BAJA SAEINDIA 2018 was marked by remarkable achievements, resilience, and technical excellence. Their impressive performance in various events, including design evaluation, static evaluation, and the endurance race,

Photos:

