

# DJS KRONOS INDIA

ANNUAL REPORT, 2018 - 19

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## Introduction

DJS KRONOS INDIA is the official off-road racing team of Dwarkadas J. Sanghvi College of Engineering. Academic year 2018-19 has been our 6<sup>th</sup> year representing the college. The team design, validate and fabricate an All-Terrain Vehicle and they take part in several national level competitions such as BAJA SAE INDIA and ENDURO STUDENT INDIA. The goal of the team is to put DJS Kronos India on the map through representation at international competitions like BAJA SAE USA next year.

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## BAJA SAE 2019

VENUE: NATRAX, Pithampur

DATE: 19<sup>th</sup> to 29<sup>th</sup> January, 2019

The BAJA SAE Series is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA. The event has spanned across 6 countries: USA, Mexico, South Africa, Korea, Brazil and India. The BAJA SAE India, powered by Mahindra & Mahindra tasks the students to design, fabricate and validate a single seater four wheeled off road vehicle to take part in series of events spread over the course of 9 days that test the vehicle for sound engineering practices that have gone into it, the agility of the vehicle in terms of gradability, speed, acceleration and maneuverability characteristics and finally its ability to endure that back breaking durability test.

A total of **400 teams** participated in the event.

### ACHIEVEMENTS OF THE TEAM ARE:

1. **1<sup>st</sup>** in Maneuverability Event
2. **1<sup>st</sup>** in Innovation Event
3. **1<sup>st</sup>** in **Mumbai**
4. **10<sup>th</sup>** in Sales Event
5. **12<sup>th</sup>** in Design Event





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## ENDURO STUDENT INDIA, 2019

**VENUE:** PCET Nutan College of Engineering, Pune

**DATE:** 12<sup>th</sup> to 19<sup>th</sup> February, 2019

Enduro Student India is an event for the undergraduate engineering students. Enduro Student India, powered by Magna tasks the students to design, fabricate and validate a single seater four wheeled off road vehicle to take part in series of events spread over a course of 8 days that test the vehicle for the sound engineering practices that have gone into it, the agility of the vehicle in terms of gradability, speed, acceleration and maneuverability characteristics and finally its ability to endure that back breaking durability test.

A total of **180 teams** participated in the event.

### ACHIEVEMENTS OF THE TEAM ARE:

1. **2<sup>nd</sup> Runners-up Overall (AIR)**
2. **1<sup>st</sup> in Dynamic Events, Overall**
3. **2<sup>nd</sup> Runners-up in Static Events, Overall**
4. **1<sup>st</sup> in Maneuverability Event**
5. **1<sup>st</sup> in Mumbai**
6. **2<sup>nd</sup> in Sales Presentation**
7. **2<sup>nd</sup> Runners-up in Sprint-X Event**
8. **4<sup>th</sup> in Dirt-X Event**
9. **5<sup>th</sup> in Design Event**

