



Shri Vile Parle Kelavani Mandal's  
**Dwarkadas J. Sanghvi College of Engineering**

(Autonomous College Affiliated to the University of Mumbai)

NAAC Accredited with "A" Grade (CGPA : 3.18)



## DEPARTMENT OF MECHANICAL ENGINEERING

(This program is accredited by National Board of Accreditation)



**Vision of Department:** To create academic excellence by developing competent mechanical engineers, capable of facing global challenges, with human values and skills for research and sustainable development.

### STUDENT CHAPTER ACTIVITIES : ACADEMIC YEAR 2019-20



Society of  
Automotive Engineers



Indian Society of  
Manufacturing Engineers

- Workshop on "Electric Vehicles"
- Workshop on "Aeromodelling"
- Value Added Program on "MATLAB"
- Seminar on "Jet Propulsion Engines"
- Seminar on "Geometry of Mechanisms"
- Seminar on "Drive through TESLA"
- International Conference on Intelligent Manufacturing and Automation (ICIMA)
- DJ NIRMITI – Technical Fest
- Skill Enhancement Program (Internships)
- 2 Day Training at "L&T, Madh Campus"
- Value Added Program on "Ansys Workbench"
- Value Added Program on "CNC Machining"
- Value Added Program on "3D Printing"



Indian Society of  
Heating Refrigeration and  
Air Conditioning Engineers



Robotics and  
Automation Society

- Competed at ISHRAE Student Technical League in the Quarter Finals
- Talk on "Energy Efficiency"
- Seminar on "Solar Panels"
- Seminar on "HVAC Technology Products"
- Seminar on "Renewable Energy"
- Workshop on "AVR ATMEGA 32 & STM 32"
- Seminar on "AI enabled Robots and Home Automation"
- Team DJS ROBOCON acquired an All India Rank 1 for the stage 1 and qualified for Stage 2 as well at DD ROBOCON 2020

### INDUSTRIAL VISITS

- MERCEDES BENZ, Chakan
- Mahindra & Mahindra, Kandivali
- Central Railway Workshop, Matunga
- HAL, Nashik
- Kalyani Maxion Wheels, Chakan
- Tennex Sports Goods Manufacturer, Boisar
- United Rubber Industries, Bhayander
- GODREJ, Mumbai
- BEST Workshop, Wadala
- Johnson Controls, Hitachi-India

## DJS RACING



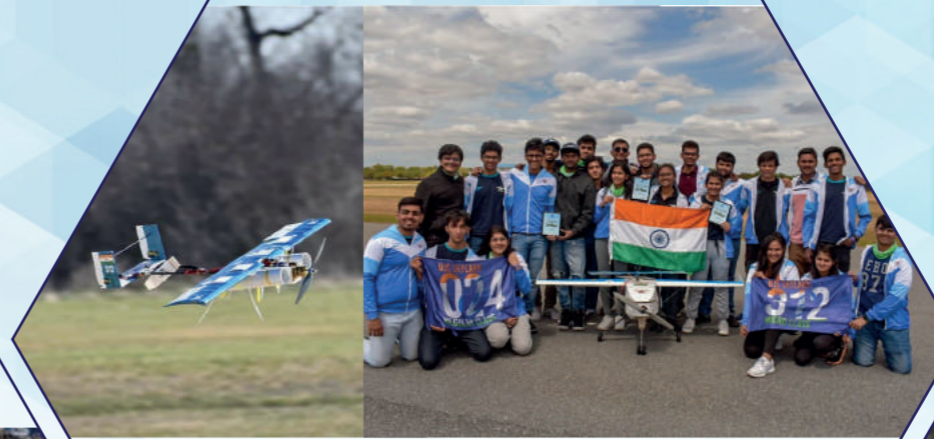
**Formula Bharat 2020:**  
1st in Cost Event  
2nd in Skidpad

**FSG, Germany 2019:**  
'Never Give Up' Award

**FSA, Austria 2018:**  
1st in Cost Event

**Formula Bharat 2019:**  
Combustion Vehicle:  
2nd in Design Event  
3rd in Cost Event  
3rd in Endurance  
4th Overall  
Electric Vehicle:  
2nd in Cost Event  
4th Overall

## DJS SKYLARK



**SAE AERO DESIGN USA 2020:**  
Micro Class: DJS  
1st in Micro Assembly  
2nd in Mission Performance  
3rd in Technical Presentation  
3rd Worldwide

**SAE AERO DESIGN, USA 2019:**  
Regular Class:  
4th Worldwide  
Micro Class:  
2nd in Design  
8th Worldwide

## DJS KRONOS



**BAJA SAE International Arizona 2020:**  
3rd Overall Worldwide  
4th in Design Event  
8th in Sales Event  
9th in Cost Event

**BAJA SAE India 2020:**  
16th Overall

**BAJA SAE India 2019:**  
1st in Maneuverability  
1st in Innovation Event

**Enduro Student India 2019:**  
1st in Maneuverability  
1st in Dynamics  
2nd in Sales  
3rd Overall

## DJS KARTING



**GKDC 2019:**  
1st in Acceleration  
2nd in Design  
3rd in Cost

**IKC 2019:**  
1st in CAE  
2nd in Design

**GKDC 2020:**  
Electric Vehicle:  
3rd in Acceleration  
9th Overall

**Combustion Vehicle:**  
1st in Design  
3rd in Acceleration  
3rd in Skidpad  
9th Overall

**IKC 2020:**  
Electric Vehicle:  
1st in Design  
4th in Endurance  
4th Overall

**Combustion Vehicle:**  
4th in Design

## DJS HELIOS



**National Solar Vehicle Challenge 2020:**  
1st in Pre-Virtuals  
2nd in Business Plan  
2nd in Acceleration

**Electric Solar Vehicle Championship 2019:**  
2nd in Business Plan  
2nd in Acceleration

## DJS SPEEDSTERS



**Asian E-Bike Challenge 2020:**  
1st Overall

**Best Engineering Design Overall Static Event Winner**  
Best Project Plan  
Best Startup Plan

**EBRC 5.0 2020:**  
Overall Runners Up

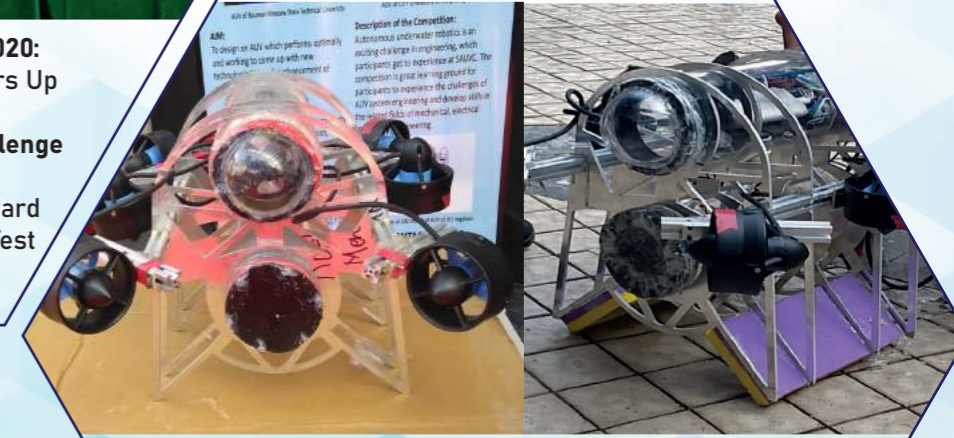
**Asian E-Bike Challenge 2019:**  
Best Energizing Award  
3rd in Acceleration Test  
7th Overall in India

## DJS PHEONIX



**2019:**  
12th at World Robotics Championship  
**2018:**  
3rd at Innovation Pavilion at MET & HTS  
**2017:**  
5th at Technoxian

## DJS VAGSHEER



DJS VAGSHEER is the official underwater vehicle team of SVKM's Dwarkadas J. Sanghvi College of Engineering. We research, design, analyse and fabricate an autonomous underwater vehicle and our aim is to compete in national and international competitions in the forth coming years.

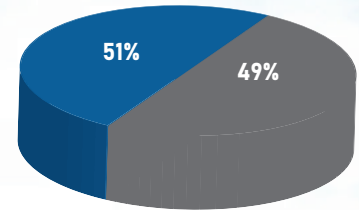
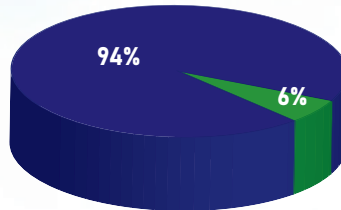
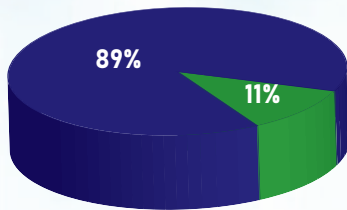
## PLACEMENTS



Academic Year 2017-18

Academic Year 2018-19

Academic Year 2019-20



■ STUDENTS PLACED ON CAMPUS ■ STUDENTS PLACED OFF CAMPUS ■ STUDENTS PLACED ON CAMPUS TILL FEBRUARY 2020 ■ PLACEMENTS IN PROGRESS

## NOTABLE ALUMNI

### INDUSTRY

- Diptesh Malatpure - Chassis Controls Engineer at Tesla Motors
- Ashish Rai - Engineer at ARAI
- Abhishek Mishra - Senior Engineer R&D at Blue Star
- Dhanesh More - Asst. Manager of Supply Chain at Mahindra & Mahindra
- Shlok Bhavsar - Engineer at L&T Heavy Engineering
- Jay Saple - Engineer at Reliance Industries
- Devdatt Bhurke - Operations Officer at H.P.C.L.
- Moiz Sheikh - Engineer at Godreg & Boyce Mfg. Ltd.

### HIGHER STUDIES

- Janav Udani - Pursuing Ph. D from Purdue University
- Fay Colah - Completed Masters from Stanford University
- Shakshi Himmatramka - Completed Masters from University of California, Berkeley
- Mihir Kansara - Pursuing Masters from Columbia University
- Yash Rana - Pursuing MBA from IIM Ahmedabad
- Jankajit Singh Sethi - Pursuing MBA from IIM Indore
- Akshay Nikam - Pursuing M.Tech from IIT Bombay

## FOR ANY QUERIES



Dr. K. N. VIJAYAKUMAR

HEAD OF MECHANICAL ENGINEERING DEPARTMENT

✉ vijaykumar.kottur@djsce.ac.in

☎ 98693 63683 / 79771 47796