

STUDENT ACTIVITIES

MECHANICAL ENGINEERING DEPARTMENT

FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY

AERO-FCRIT CLUB

Team THESTRAL
(Quadcopter)

Team GARUDA
(Fixed Wing)



2023 - 24

AERO-FCRIT CLUB

Team THESTRAL
(Quadcopter)



**Automotive Drone
Design Challenge
2023**



2023 - 24

AERO-FCRIT CLUB

Invited to Showcase Talent at Bharat Mobility Global Expo

**Team THESTRAL
(Quadcopter)**



2023 - 24

AERO-FCRIT CLUB

SAEISS Drone Design Challenge(DDC) 2023



**Team GARUDA
(Fixed Wing)**

AIR 3 (Technical Presentation)

AIR 6 (OVERALL)



2023 - 24

AERO-FCRIT CLUB

SAEISS - Aero Design Challenge (ADC)

**Team GARUDA
(Fixed Wing)**



AIR 10 (out of 80 teams)

2nd Rank in Mumbai Region

SAEINDIA
SOUTHERN SECTION



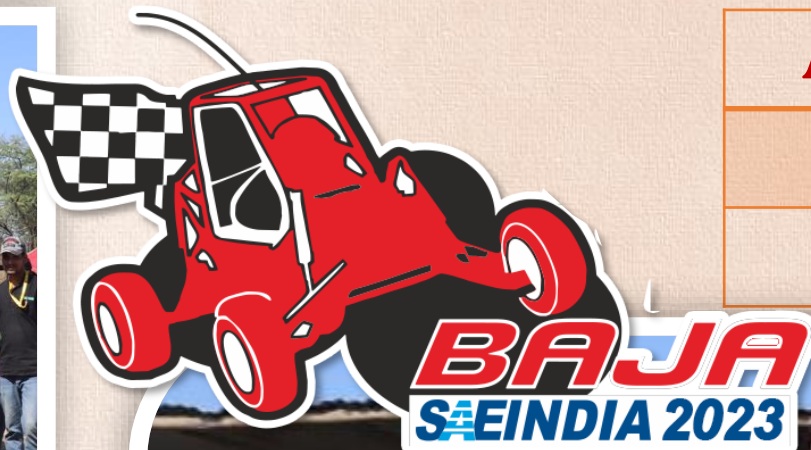
2023 - 24

SAEINDIA Club

BAJA - 2023



Team Kaiser Racing



AIR 28 (out of 108 teams)

23rd (Overall Events)

17th (Endurance)



2023 - 24

SAEINDIA Club

BAJA - 2024

Team Kaiser Racing



AIR
21

OVERALL

BUILD QUALITY

AIR
03



AIR
04

DESIGN

STATIC EVENTS

AIR
06



AIR
07

SLED PULL

VIRTUAL
DYNAMIC EVENTS

AIR
10



2023 - 24

SAEINDIA Club

BAJA - 2024



Team Kaiser Racing

TR Fr. C. Rodrigues Institute of Technology
Department of Mechanical Engineering

**DREAM BIG,
RACE HARDER**

 **NAMASTE,
CALIFORNIA!
TEAM KAISER
SAYS HELLO**





SAE International

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)



Industrial visit to Belimo



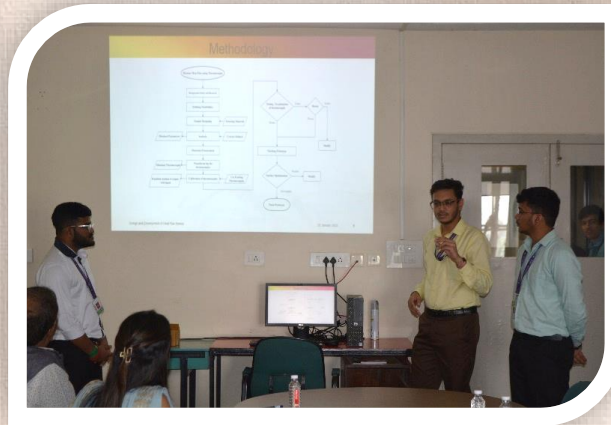
2023 - 24

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

JAMBOREE - 2K24



**JAMBOREE Council
Members**



2023 - 24

ISHRAE Awards

JAMBOREE

Best ISHRAE

STUDENT CHAPTER

★
RECOGNITION
OF EXCELLENCE
★

AWARD

2024



The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

aQuest National Quiz Competition



WINNERS

{1st Place in Semi Finals}

**Mayur Patil
Omkar Patil**



AQUEST NATIONAL QUIZ COMPETITION

Finals were held at Delhi.



AIR-4

**RUPESH CHAUDHARY
KAUSTUBH PATIL**

AIR-5

**OMKAR PATIL
MAYUR PATIL**



2023 - 24

Mechanical Engineering Students' Association

MESA

SYNERGY - 2023



2023 - 24

Mechanical Engineering Students' Association

MESA

MESH - 2023



2023 - 24

Mechanical Engineering Students' Association

MESA

IDEATHON - 2023



2023 - 24

Council of Vibration Specialists (CVS)

International Conference on Vibration Engineering, Science and Technology



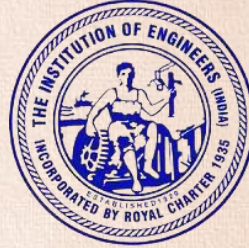
CVS Orientation & INVEST 2023



2023 - 24

The Institution of Engineers, IEI (India)

IEI - FCRIT Mechanical Students Chapter (FMSC)



IEI - FMSC Inauguration



2023 - 24

The Institution of Engineers, IEI (India)

IEI - FMSC

IDEATHON - 2024



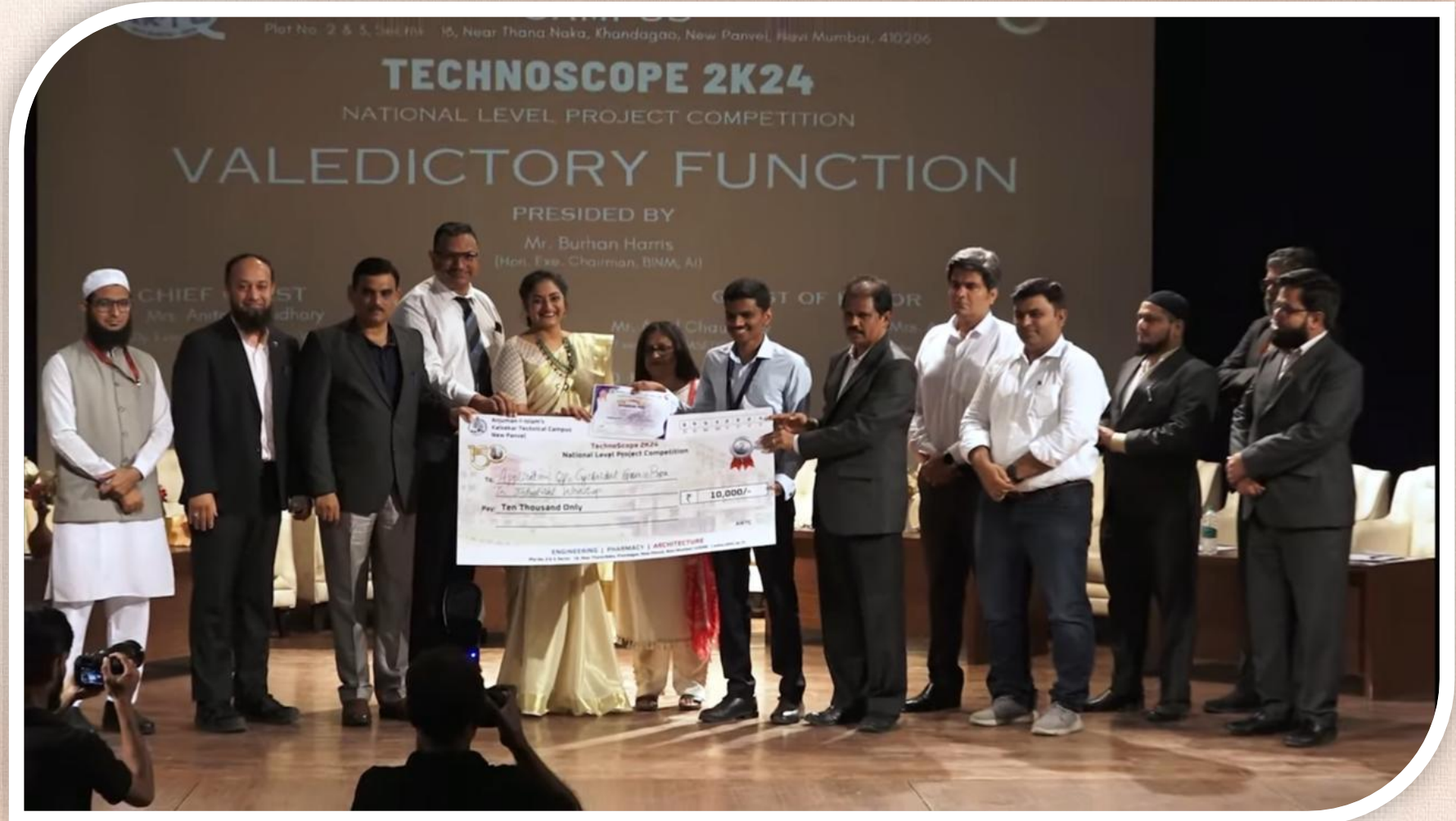
2023 - 24

TECHNOSCOPE 2K24

National Level Project Competition

**Mechanical - Final Year
Project Work**

**2
winner**



Topic: Cycloidal Gear Box for Industrial Application

2023 - 24

Graduate Aptitude Test in Engineering (GATE)



GATE 2024

GATE

SCORE

KARTIK RADHAKISHAN GUPTA
AEROSPACE ENGINEERING (AE)
ALL INDIA RANK
613

Sports

Table Tennis

Silver - Men's Single's Raigad District Table Tennis Championship

Silver - Men's Single's at SAKEC

Bronze - Men Team (Thane Zonal)

Bronze - Table Tennis Competition, MES's Pillai Group of Institution

Participated in Maharashtra State Ranking Table Tennis Tournament Conducted at Nagpur Table Tennis Association, Nagpur



Maitreya Naik

2023 - 24

NSS National Integration Camp, Haryana

12th March - 18th March, 2024



सत्यमेव जयते

युवा कार्यक्रम
एवं खेल मंत्रालय
MINISTRY OF
**YOUTH AFFAIRS
AND SPORTS**

NSS/RDD/NIC(HR)/2023-24/



भारत सरकार
GOVT. OF INDIA

युवा कार्यक्रम और खेल मंत्रालय
Ministry of Youth Affairs & Sports

प्रमाण-पत्र/ Certificate

प्रमाणित किया जाता है कि/ Certified that श्री/सुश्री Mr./Ms. Avdhut Madhukar Shelar
सुपुत्र/सुपुत्री श्री/ S/o / D/o Sh. Madhukar Hari Shelar
रा.से.यो. स्वयंसेविका/स्वयंसेविका/ NSS Volunteer of Agnel Charities Fr. C. Rodrigues Inst. of Tech.
राज्य/केन्द्र शासित प्रदेश / State /UT Maharashtra
ने 12 मार्च, 2024 से 18 मार्च, 2024 तक भारत सरकार, युवा कार्यक्रम एवं खेल मंत्रालय, क्षेत्रीय निदेशालय, राष्ट्रीय सेवा योजना दिल्ली द्वारा मनोहर मेमोरियल स्नातकोत्तर महाविद्यालय, फतेहाबाद (हरियाणा) में आयोजित राष्ट्रीय एकता शिविर में सहभागिता की। has successfully participated in the National Integration Camp organized by Govt. of India, Ministry of Youth Affairs & Sports, Regional Directorate of NSS, Delhi from 12th March, 2024 to 18th March, 2024 held at Manohar Memorial (P.G.) College, Fatehabad (Haryana).

Programme Coordinator
CDLU, Sirsa

Dr. Gurcharan Dass
Principal, M.M. College, Fatehabad

Regional Director
Regional Directorate NSS, Delhi



Mr. Avdhut Shelar

Selected as representative from Maharashtra

Student of Final Year
Mechanical

2023 - 24

NSS National Integration Camp, Haryana

12th March - 18th March, 2024

Organized by



सत्यमेव जयते

युवा कार्यक्रम
एवं खेल मंत्रालय
MINISTRY OF
**YOUTH AFFAIRS
AND SPORTS**



Mr. Avdhut Shelar
Selected as Team Leader
for Team Maharashtra

2022 - 23

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

Orientation and Installation Ceremony



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2



Oath Taking &
Office Bearers

2022 - 23

The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)

GUEST LECTURE



2018 - 19

SAEINDIA Club

BAJA - 2019

Team Kaiser Racing



2018 - 19

SAEINDIA Club

Nitro RC Competition

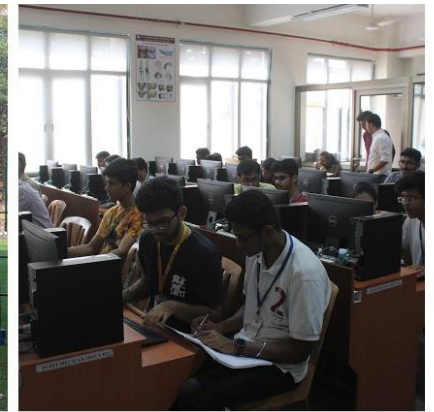
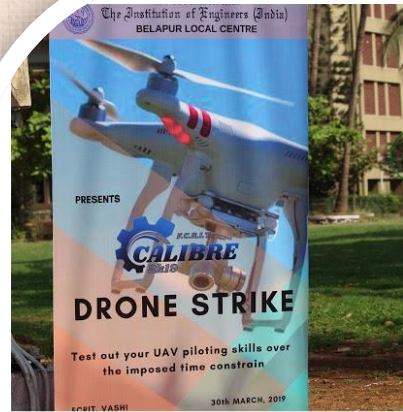
TORQUE - 2018



2018 - 19

Mechanical Engineering Students' Association (MESA)

CALIBRE - 2K19



2018 - 19

Mechanical Engineering Students' Association

MESA

MESH - 2KI19



2018 - 19

Mechanical Engineering Students' Association

MESA

SYNERGY - 2018

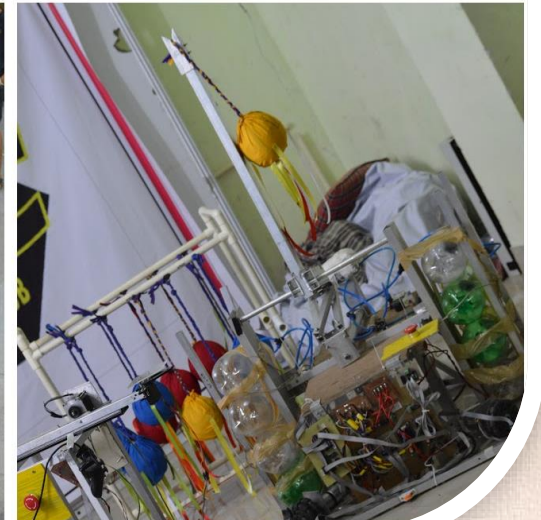
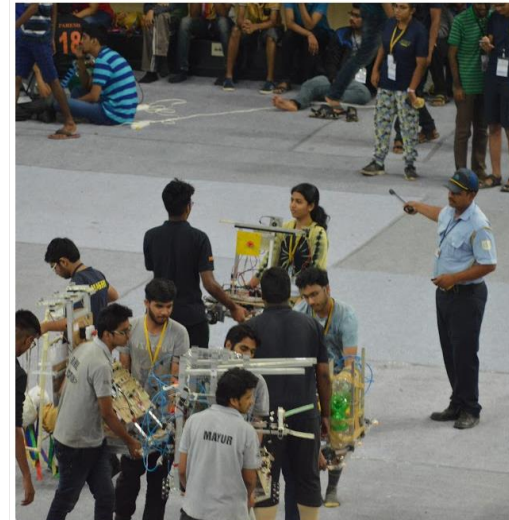
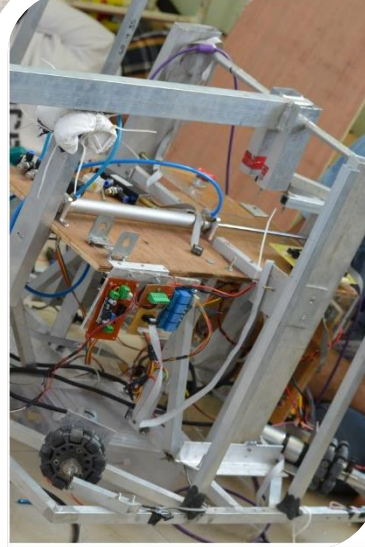
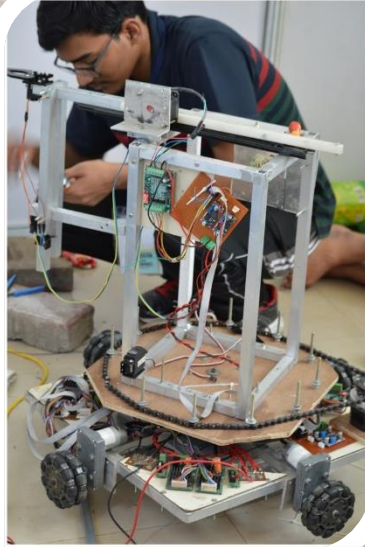


2018 - 19

Agnel Robotics Club

FCRIT - ROBOCON

ROBOCON - 2018



2017-18

Mechanical Engineering Students' Association (MESA)

CALIBRE - 2K18

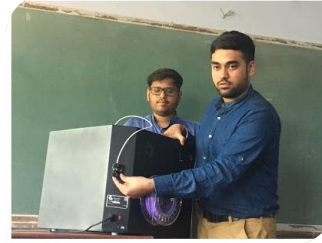


2017 - 18

Mechanical Engineering Students' Association

MESA

MESH - 2KI7



2017 - 18

Mechanical Engineering Students' Association

MESA

SYNERGY - 2017



Godrej & Boyce Ltd.

2017-18

MECHANICAL DEPARTMENT

Lecture series

