

Autonomous Institution Affiliated to Visvesvaraya Technological University, Belagavi Approved by AICTE, New Delhi

## **Innovative Clubs Activities**

## **Antariksh**



#### **International Astronautical Congress 2021**

Team Antariksh marked its presence at the 71st International Astronautical Congress 2021 hosted in Dubai, UAE. The team members met industry giants, professors from different institutes, Indian Nationals engaged in national and international institutes, personnel from ISRO and space agencies from other countries. The event saw presence by prominent space industry figures and entrepreneurs such as chairman ISRO, Director of NASA and Elon Musk. A total of 7 papers were presented in multifarious symposiums.





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### Ham Club



- Successfully built three YAGI UDA 3-element antennas and a Moxon antenna.
- Three technical workshops were organized to train students for the HAM license exam.
- RVCE had 3 teams that participated in the Fox Hunting Competition organized by IIH in association with the Department of Sports, Government of Karnataka.
- Organised three Inter-college Antenna-Building Workshop to provide students a hands-on experience in building an antennas and attenuators, and a visit to the anechoic chamber at SASM, RVCE.
- Organised an event 'MORSE DECODING' based on Morse code as a part of 8<sup>th</sup> Mile on 17<sup>th</sup> June at RVCE.
- We currently have 54 Ham licenced students from RVCE.
- Ham club RVCE in association with IEEE Women in Engineering affinity group, conducted a webinar on 25th August 2020 on "The Role of HAMs in COVID-19 Relief Operations" with Dr. S Sathyapal, director of Indian Institute of Hams, as the guest speaker.



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### **RVCE Solar Car Team**



# 11 - 18 September 2020 INNOVATION BEYOND BOUNDARIES

## SASOL SOLAR CHALLENGE,

SouthAfrica

The South African Solar Challenge is an alternative fuel auto racing challenge in South Africa, with classes for hybrid vehicles, electric vehicles, solar vehicles, and biofuel powered vehicles. The first challenge was held in 2008, and it runs every two years. The race distance is over 4,100 km (2,500 mi). The journey starts in Pretoria and ends inStellenbosch.

The Sasol Solar Challenge is a biennial competition. Teams from across the world design and build solar-powered vehicles to drive across South Africa in an eight-day event. The challenge sees a collaboration between scholars, students, private individuals and various industry and government partners, to work together to have a safe and technology-rich event.







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RVSCT will be participating in SASOLSolarChallenge in 2020 and competing against teams from MIT, Stanford, TU Delft and Tokai University to manufacture and race highly advanced Solar Carprototypes.





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13

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6.14 48.64

49.1

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TEAM 1



@graVITas 20



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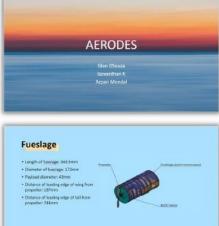
# **AERODES - TECHKRITI**











#### MARCH, 2021

#### OBJECTIVE

Objective of the competition is to design dual-purpose regional and business aircraft that can take off and deliver a payload to a target area.

#### SUMMARY

Two teams from Vyoma represented the college. This competition was held through online mode and required presentation of analysis and reports.

#### RESULTS

The model of the designs from both the teams qualified the preliminary rounds.



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International Astronomy and Astrophysics Competition(IAAC) is another annual competition which is conducted to promote astrophysics. This competition is conducted for students ranging from high school to post graduate students with a keen interest in astronomy. Many members of our team had participated in the 2020 instalment of the competition and **Abhay H Kashyab**, one of our coveted team members, had reached the finale and grabbed second place in the challenge.

