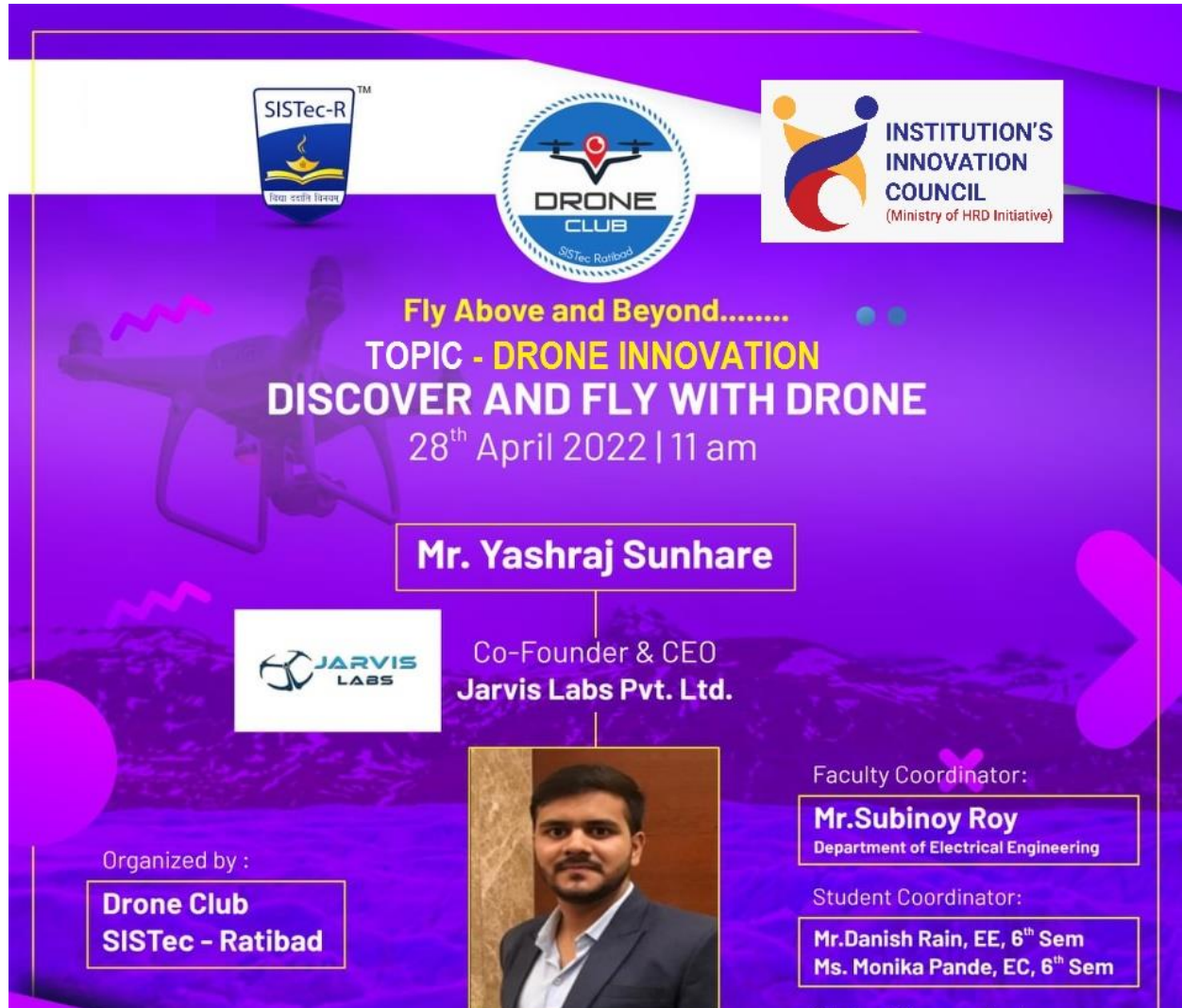


SELF DRIVEN ACTIVITY

**REPORT OF WORKSHOP
ON
DRONE INNOVATION
(Discover and Fly with Drone)**



The poster features a purple background with a drone flying over a landscape. At the top, there are logos for SISTec-R, Drone Club, and the Institution's Innovation Council. The central text reads: "Fly Above and Beyond..... TOPIC - DRONE INNOVATION DISCOVER AND FLY WITH DRONE 28th April 2022 | 11 am". Below this, it lists the speaker: "Mr. Yashraj Sunhare, Co-Founder & CEO, Jarvis Labs Pvt. Ltd." with a photo of him. The Faculty Coordinator is "Mr. Subinoy Roy, Department of Electrical Engineering" and the Student Coordinators are "Mr. Danish Rain, EE, 6th Sem" and "Ms. Monika Pande, EC, 6th Sem". The event is organized by the "Drone Club, SISTec - Ratibad".

Department of Electrical Engineering with Institutional Innovation Council (IIC) at Sagar Institute of Science Technology and Research Bhopal organized online session **DRONE INNOVATION (Discover and Fly with Drone)** ” on 28th April 2022.

Drones are flying vehicles that can be controlled remotely and can perform a number of activities. One can use drones to create art with a variety of camera angles and motions, while others can use them for surveillance. Industries are also investing in drones to travel to locations where humans can't and get real-time footage of various areas across the globe. Drones appeal to consumers for a variety of reasons: flight, speed, and stunning photography. Drones are growing beyond their military origins to become significant corporate tools, much like the internet and GPS.

Objective:

This workshop provides foundational knowledge about drone technology and its business applications. Drone technology can be used for personal, commercial and security purposes.

Expert of the session

Mr. Yashraj Sunhare (Co-founder & CEO, Jarvis Labs Pvt Ltd) on the topic "Discover and Fly with Drone".

The expert explained all about drone technology, market share in the present and in the coming future which was a big motivation for all those who were attending. He discussed the science & technology that goes into the development of Drone. He further elaborated on the material requirement, design aspect, and applications of Drones. He also explained to the students about various job opportunities for various engineering streams that go into the assembly of Drones.

The event concluded with him successfully "piloting-a-drone" on the college campus.

Conclusion:

This workshop helps the students to get foundational knowledge about drone technology and its business applications. Drone technology can be used for personal, commercial and security purposes. It's also used in artificial intelligence applications like emergency management, surveillance and homeland security.

Nearly 120 students from Electrical, Electronics & Communication, Mechanical, and Computer Science & Engineering attended this expert session and got benefited.







