



# PRERANA EDUCATIONAL & SOCIAL TRUST (R) PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT



Approved by AICTE, Affiliated to VTU, ISO 9001:2015 Certified & Recognized by Govt. of Karnataka

NBA Accredited Programs: CSE, ECE, ISE, CV and ME



## Dept of Artificial Intelligence & Machine Learning

DATE: 16TH JUNE 2023

Industrial Visit to IISc, Bengaluru

Batch 2021 - 2025



# VISIT TO "ARTPARK"

## AI & Robotics Technology Park

### Overview of ARTPARK

- Syed Adil Hassan

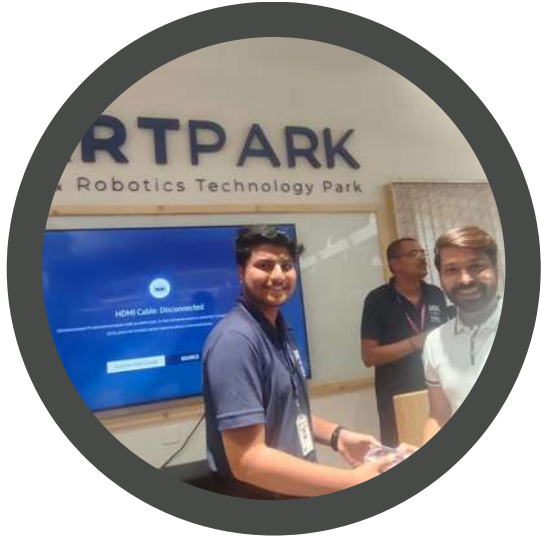
Mr. Syed Adil gave a brief overview about the different stages of Startup Journey @ARTPARK.

- Stage 1: Spark**
- Stage 2: Ignite**
- Stage 3: Turbo**
- Stage 4: Boost**



Students visited different Start-up's Products in the ARTPARK.

- 1. Vishwa - "Realize True Autonomy in Drones of the Future".**
- 2. Gati Robotics.**





### About IISc, Bangalore

IISc is renowned for its academic freedom, focus on research excellence, and the high quality of its faculty and students.

The IISc is ahead of the IITs in terms of teaching quality, laboratories, and student quality.

### ***AIML Students at IISc, Bangalore and their Beautiful Journey.***

Total of **45 Students from 4th Semester AIML Dept** visited the IISc campus. Students along with the Staff - Prof. Sandeep Telkar R boarded the Train at 5.15am from Shivamogga Railway Station and reached Yeshwanthpur Railway Station at 9.50 am. Finally reached IISc, Bangalore at 10.50 am.

Students and Staff was welcomed and addressed by.

**Miss. Akshata Badri : Senior Associate - Marketing & Communication.**

**Mr. Syed Adil Hassan : Head of Startup@ARTPARK.**

**Mr. Varun - Young Entrepreneur, Founder of Vishwa Robot.**

**Mr. Jyotishka Duttagupta - Young Entrepreneur, Founder of Gati Robotics.**



**VISIT TO:**

***SUPERCOMPUTER EDUCATION AND RESEARCH CENTER***

***About PARAM Pravega super Computer at SERC Department:***

PARAM Pravega is a **National Supercomputer Mission (NSM)** Supercomputer added to SERC's HPC (High-Performance Computing) class of systems in January 2022.

The PARAM Pravega system is a mix of heterogeneous nodes built of Intel Xeon Cascade Lake processors for the CPU nodes and NVIDIA Tesla V100 cards on the GPU nodes. Hardware is an ATOS Bull Sequana XH2000 series system, boasting a comprehensive peak compute power of 3.3 PetaFlops. **The Software stack on top of the hardware is provided and supported by C-DAC.**

Students and Staff was welcomed and addressed by.  
**Mr. Algappan - Faculty In charge of SERC Dept.**  
**Mr. Anil - Employee at SERC Dept.**

Mr. Anil introduced the students with Param Pravega Super Computer and gave the details about its platform, configuration and the process of operation.

Students got to know the various technical aspects of Param Pravega and few queries related to power consumption, Data security, Cost and its maintenance was answered by Mr. Anil.