

Report on One day workshop

***"Robotics"
on 7th November, 2022***

***Organized by
Robotics Club***

The Department of Mechanical Engineering organized a one day workshop on "Robotics" is held on 7th November, 2022. The resource person is Mr. S. Praveen kumar, Assistant Professor from S.V.E.C, Tirupati, Andhra Pradesh. 31 number of students are attended the program, the program which includes introduction, hands on session of IGUS robots and its programs.



Mr.S.Praveen kumar explained IGUS software to operate the robot arm.

Hands-on-training sessions were conducted in the afternoon using robotic kits. Mr.S.Praveen kumar has taken a session on IGUS software to move the robot arm, trained the students to do pick and place operations, and collaboration between two robot arms by using IGUS programming language.

The session is extended on future scope of Robotics in medical, manufacturing sectors, aerospace and other industries etc. In the session exposure to high end technologies, international collaborations and innovations at bachelor's degree level, making them stand out from their peers.

- How to train for higher education in robotics inside and outside country, how to locate research institutions in Germany.
- How to get Certification from reputed German Universities, on Successful completion of the courses and placement opportunities in robotics area.

The resource person encouraged the participants to show interest on the robotics. Through this expert talk, following outcomes were observed. Student's members:

- Acquired hands on experience of IGUS software.
- Gained knowledge on robotics, automation and its application.

Coordinator of the Program: **Mr. S. Praveen kumar, Asst. Professor.**



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