




MONTHLY NEWSLETTER

ROBOTTECH

EMBRACE THE FUTURE KINGDOM

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APR-MAY 2021

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MISSION

To provide supportive education environment for value added education and continuous improvement.

To develop socially responsible engineers with technical competence, leadership skills.

VISION

Progressive through quality education and evolve into a Centre for academic excellence in the field of Robotics and Automation



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SESSIONAL EXAM TOPPERS

The toppers of sessional exams (Internal marks) which were conducted for S1 students of robotics and automation department are **Cliff Andrew** (1st), **Anshul Raj** (2nd), **Ashvin Manoj** (3rd).



CLIFF ANDREW



ANSHUL RAJ



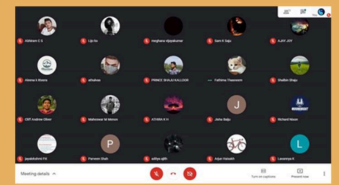
ASHVIN MANOJ

EXAM PREPARATION SESSION



RANJEESH R CHANDRAN

An online exam preparation session was conducted on 16th April 2021 via Google Meet. **Mr. Ranjeesh R Chandran**, HOD Robotics and Automation, explained the seriousness of the end semester examination and its marking scheme. He and other faculty members gave some general instructions about how to appear and write your exams. They also gave instructions about the online life skill exam



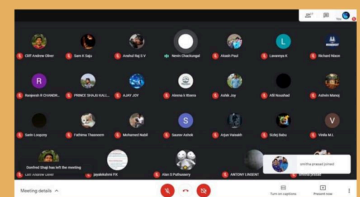
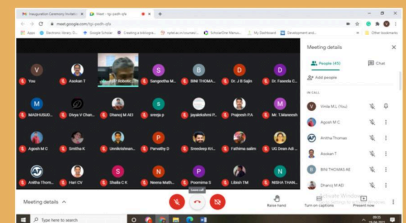
FDP ON ROBOTICS AND CONTROL

KTU sponsored online Faculty Development Program on "Robotics and Control" organized by the department of Robotics & Automation was conducted from 19th to 23th April 2021. A number of teaching faculty, research scholars and industrialists participated in the event which turned out to be a huge success. The topics for different sessions included Basics of Kinematics, Robotics Dynamics and Control, Robotic Vision and Deep Learning, Soft Robotics, Robot Programming and ROS, Applications of ROS, Hands-on using the Online ROS platform, Limb Rehabilitation Robot, Recent developments in Robotics.



TECH TALK SERIES- MR.PRINCE SHAJU

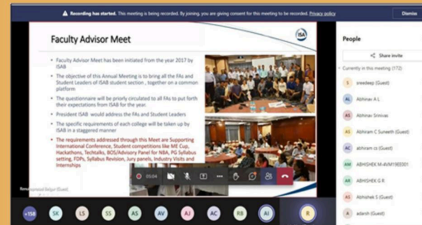
The fifth tech talk series for the Robotics and Automation batch was organised on 8th May 2021 via Google Meet. Mr. Prince Shaju introduced the concept of Military Robots. They are autonomous robots or remote controlled mobile robots designed for military applications from transport to search, rescue and attack. He also explained about their early history, types, merits and demerits, and examples.



ISA TALK ON “ISA AND ROBOTICS COMPETITIONS”

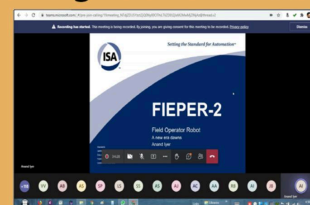
An interactive webinar on “ISA & Robotics Competitions” was hosted by ISA Bangalore Section and ISA Student Section ASIET on 22nd May 2021 from 4 pm to 6 pm via a Microsoft Teams. There were 2 sessions. The first session was headed by Mr. Rajashekar Uchil, Executive Board Member at Education Division International Society of Automation.

He explained the various technology divisions and its availability in the industries, and how they help in the growing world. He also explain the ISA Educational Foundation awards scholarships to graduate and undergraduate students who demonstrate outstanding potential for long range contribution to the fields of automation and control.



The second session on “Robotics Competitions” & “FIEPER” was taken by Mr. Anand Iyer. The session covered the basic domain of applied Robotics present in our current world and He explained in detail the basic concepts and areas of robotics applications such as Multiple timelines, Slow motion, image sensing, in automated areas etc. Fieper - The Field operator robot is a project being done under ISA-ACARD.

The event concluded with a feedback session where the students gave their views on various aspects of the session.



ISA EVENT SCHEDULE (MOMENTUM 2K21)

The schedule for the event, MOMENTUM 2K21, which is to be conducted from 1st June to 5th June 2021 is given below:

<u>DATE</u>	<u>EVENT</u>
01-06-2021	QUIZ
02-06-2021	R J HUNT
03-06-2021	STORY MAKING
04-06-2021	ASHWAMEDA
05-06-2021	TREASURE HUNT

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