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(IV/IV B.Tech.)

Principal's Message



I am proud and honored to write this message since this newsletter is a testament to the Mechanical Engineering Department's commitment to outcome-based education and improved student-teacher learning, which is in keeping with the department's vision and goal. I hope that the department will continue to work hard to improve education quality and bring honour to the institute.

Dr. K. Ashoka Reddy

HoD's Message



A newsletter PULSE reflects a clear picture of Mechanical Department's activities. This issue of the Mechanical Engineering Department, I am confident, will send a favorable message to all students, faculty and staff. Congratulations to the newsletter's Editorial Board, who did an outstanding job in completing the mission. Sincere congratulations to all faculty, staff members and students for their successful efforts during the course of the period.

"Best Regards

Dr. K. Raja Narender Reddy

Faculty Development Programme attended by the faculty during June 2022

Dr S. Chandramouli & Dr Md Sameer participated in AICTE sponsored Training and Learning (ATAL) Academy Faculty Development Programme on "Smart Manufacturing" during 9th to 15th June 2022, organized by DYPIU, Pune.



Strasys FDM 3D Printer



SLM Metal 3D Printer

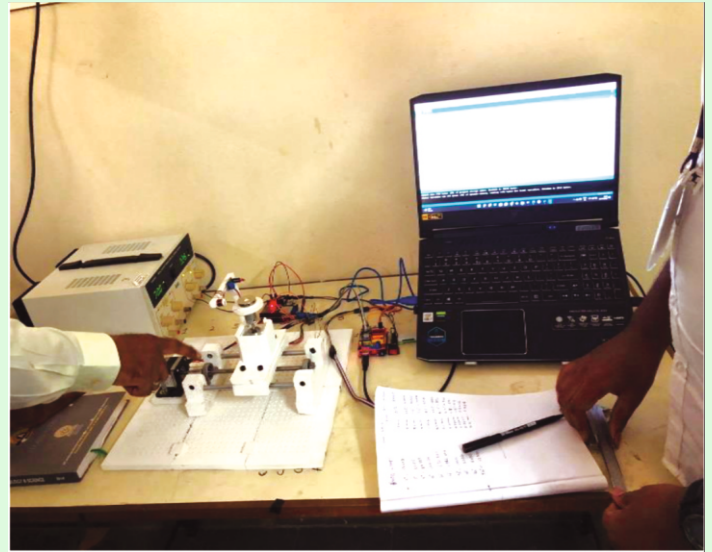
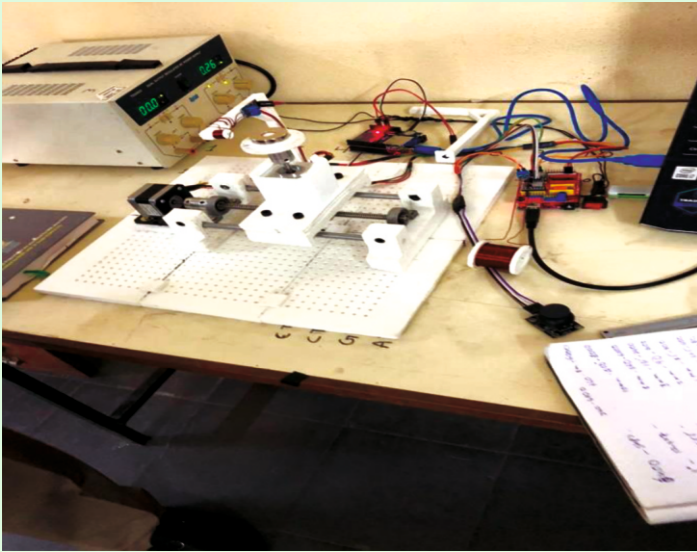


Industrial Robot

During the FDP Programme Hands on practice on the above advanced equipment

Indo American Artificial Heart Project (IAAHP)

Sri Chada Ramesh Reddy, Managing Director, Laxven Systems, Charlapally, Hyderabad has visited our institute on 28.06.2022 at 2.30 pm. Dr. G. Ganesh Kumar has presented on IAAHP progress at KITSW. IAAHP, KITSW team has developed the test rig to study the properties of Magnet used in Artificial heart. This setup can be used to study the variation of voltage with linear and rotational displacement of a magnet used in Centrimag pump.



Test Rig installed by IAAHP KITSW Team at KITSW to study the properties of ring Magnet used in Centrimag motor



Meeting at IAAHP Lab to discuss about the properties of Magnet used in Centrimag motor L-R, Mr. V. Rahul, Dr. G. Ganesh Kumar, Dr. K. Ashoka Reddy, Sri. Chada Ramesh Reddy, Dr. K. Venu Madhav, Dr. U. Shrinivas balraj, Mr. G. Nikhil

L-R Dr. K. Venu Madhav, Dr. K. Ashoka Reddy, Sri. Chada Ramesh Reddy, Dr. G. Ganesh Kumar, Mr. V. Rahul, Mr. G. Nikhil

Webinars conducted during June - 2022

- Webinar on "*India's Richest Person-Mukesh Ambani*" by **K. Manisha** (B20ME071)(II B. Tech- MED) on 1st June 2022.
- Webinar on "*Monocoque Chassis*" by **Mr. K. Vishnu Vardhan** (II/IV B. Tech- MED) on 3rd June 2022.
- Webinar on "*Tilak Mehta*" by **A. Srinidhi Nayak** (B21ME051)(I B. Tech- MED) on 8th June 2022.
- Webinar on "*Bearings*" by **Mr. M. Viraj** (II/IV B. Tech- MED) on 10th June 2022.
- Webinar on "*A firebrand freedom fighter- Durgabai Deshmukh*" by **M. Kavya Sri** (B20ME109) on 13th June 2022.
- Webinar on "*Sanjiv Bajaj - Chairman and Managing Director of Bajaj*" by **S. Nivesh** (B21ME126L)(II B. Tech- MED) on 15th June 2022.
- Webinar on "*Making of Ramjet Engine*" by **Mr. Rohith Kumar** (II/IV B. Tech- MED) on 17th June 2022.
- Webinar on "*Inspirational facts about 'Deshbandhu'-Chittaranjan Das*" by **D Sahithi** (B21ME146L) on 20th June 2022.
- Webinar on "*Kanika Tekriwal-CEO of JETSETGO Aviation Services Pvt. Ltd.*" by **N. Rupesh Kumar** (B20ME130L) (II B. Tech- MED) on 22nd June 2022.
- Webinar on "*The Nuclear Reactor*" by **Mr. K. Akash** (II/IV B. Tech- MED) on 24th June 2022.
- Webinar on "*Sree Laxmi Suresh CEO of E-Designer Technology*" by **S. Sushmith** (B18ME010) (IV B. Tech- MED) on 29th June 2022

Student Internships

Students undergone Internships in BHEL, Hyderabad



Students undergone Internships in CITD, Hyderabad



Students undergone Internships in KTPS, Kothagudam



Student Internships

Students undergone Internships in Diesel Loco Shed, Secunderabad



Students undergone Internships in STPP, Jaipur, Mancherial





Social Intership



Social Intership undergone by IV B.Tech. ME students :
Mr. Navaneeth & Mr. Nabin at Spandana Foundation, Hanumakonda



Social Intership undergone
by IV B.Tech. ME students :
Mr. Kalyan at Mandamarri Hospital