



Jyothi Engineering College
 NAAC Accredited College with NER Accredited Programmes*

Approved by AICTE & affiliated to APJ Abdul Kalam Technological University

A CENTRE OF EXCELLENCE IN SCIENCE & TECHNOLOGY BY THE CATHOLIC ARCHDIOCESE OF TRICHUR

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, PIN-679531 PH : +91- 4884-259000, 274423 FAX : 04884-274777



NBA accredited B.Tech Programmes in Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering valid for the academic years 2016-2022. NBA accredited B.Tech Programme in Civil Engineering valid for the academic years 2019-2022.

DEPARTMENT OF MECHATRONICS NEWSLETTER

Vision

Create eminent and ethical leaders committed to profession and society in the field of mechatronics through quality professional education to excel in industrial automation and innovation.

Mission

- To impart orientation and to meet the challenges of the modern industry and provide motivation for research.
- To provide quality education to create graduates with professional and social commitment.

As the HOD,

I feel extremely delighted and privileged to bring the January to June 2022 issue of the newsletter. It's an attempt to highlight the achievements of the students and staff biannually. The department despite being under five years old, the students showed remarkable zeal to display their talent on many fronts and I laud their participative spirit shown. I take pride in the efforts shown by editor and the team to bring out this edition and I wish them all success in our future issues.



Prof. Dr. Vivek Lukose
Head of Department

A Brief Note

Mechatronics engineering is a collaborative amalgamation of the various fields of engineering. Thus forming an interdisciplinary branch of engineering that focuses on the engineering of electronic, electrical, computer and mechanical engineering systems and also includes a combination of robotics, telecommunications, systems, control and product engineering.



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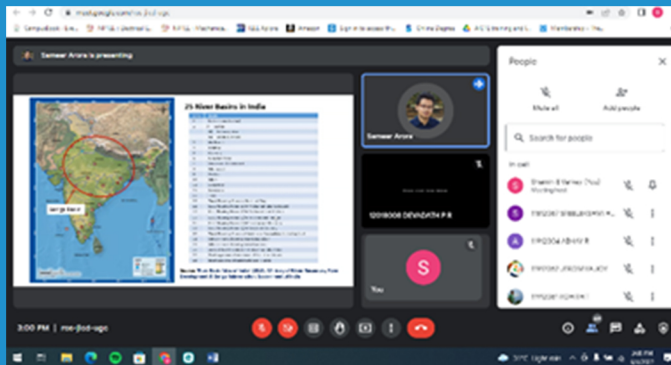
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Department

1. The World Environment Day was organized by the Mechatronics Department in association with Natura (an Environmental Forum) and was celebrated on 4th June 2022. Dr. Sameer Arora, Environment Consultant, Central Pollution Control Board was the chief guest of the day.



2. Mechatronics Engineering Students Association organized four days workshop on Embedded System Design in collaboration with IIIC starting from 15th June 2022. The workshop was intended for S4 students and was held at IIIC, Jyothi Engineering College.



3. NDLI club in association with Mechatronics Engineering Students Association organized a talk on Computer Vision using Azure Services on 30th May 2022. Mr. Ajin K J student (2019- 2023 batch) was the resource person.





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FDP/ Workshops

1. Ms. Shamin E Varkey successfully completed five days AICTE Training And Learning (ATAL) FDP on Robotics and Artificial Intelligence organized by Lakireddy Bali Reddy College of Engineering from 7th to 11th February 2022.

2. Dr. C Karthik, participated three days winter school event on Robust Control organized by University of Kurdistan, Iran, during 22nd to 24th March 2022.

3. Dr. C Karthik has participated two days national level workshop on NIRF India rankings - 2022 for Higher Education Institutions, held on 5th & 6th January 2022 organized by IAE & Technical Education, Government of Telangana.

Faculty Achievements

1. Dr. M Rajalakshmi served as session chair for technical presentation in IEEE sponsored International Conference on Advances in Computing, Communication and Applied Informatics (ACCAI-2022) held at St. Joseph's College of Engineering, Chennai on 28th and 29th January 2022.

2. Dr. C Karthik served as session chair for the International Conference on Recent Innovation in Science and Engineering (ICRISE-2022) organized by PSR Engineering College from 21st to 23th, February 2022.

3. Ms. Nyni K A presented a paper titled Nodule Detection & Prediction of Lung Carcinoma in CT images: A Relative Study of Enhancement & Segmentation Methods in the International Conference on Data Science and Applications (ICDSA 2022) organized by Jadavpur University, Kolkata held on 26th and 27th March 2022.

4. Dr. C Karthik and Mr. N Jeyakannan published a paper on Dynamic Wireless Charging for Inductive Power Transfer Systems in Electric Vehicles in ECS Transactions, 2022.

5. Dr. Anooa Jose Chittilappilly was appointed as chairperson for S6 end semester external lab examinations of B.Tech. Mechatronics, June 2022.

6. Dr. Anooa Jose Chittilappilly & Dr. C Karthik has been enrolled as academic auditors for the KTU from June 2022 onwards.

7. Dr. Anooa Jose Chittilappilly was appointed as chairperson for S4 end semester external lab examinations of B.Tech. Robotics & Automation, June 2022.

8. Mr. Jinesh K J and Dr. M Rajalakshmi were selected as judging panel members for Innovation & Entrepreneurship Challenge 2022.

S7 TOPPERS



HAGGIN C. SAJEEV



ROHAN GEORGE



JINTO K. T.

S5 TOPPERS



REGHURAJ S



SAJNA SUNNY T



AJIN K J

S3 TOPPERS



KELVIN BENNY



CHERU ASHISH



M SARATH



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Student achievements



1. Mr. Jinto K T, Mr. Arun Vinod, Mr. Sandeep Das and Mr. Sreehari C (2018-2022 batch) received First prize in Christ Innovation Challenge conducted by Christ College Irinjalakuda for the work DAHI-Driving Assistance for Hearing Impaired.

2. Domi Leon participated in the IEDC SUMMIT 2022, Organized by Kerala Startup Mission on 5th March 2022 at St. Joseph's College of Engineering and Technology.

3. Mr. Nevil Geo of S6 Mechatronics has actively participated in LENS IT : Quiz Competition organized by IEDC College of Engineering in Kidangoor.



4. Mr. Alphin Francis (2017-2021 batch) have completed B.Tech. Degree in Mechatronics Engineering in the year June 2021 and he is among the top two percent of all candidates of Mechatronics Engineering under APJ Abdul Kalam Technological University.

5. Mr. Amal Krishna and Mr. Allen George Jose of S6 Mechatronics have participated in the Webinar on Automotive Vlogging by IEDC College of Engineering in Kidangoor.

6. Mr. Varghese C B has successfully completed the one day webinar on IoT and its Engineering Applications conducted by Torc Infotech on 9th January 2022.

7. Mr. Geovin George student of S4 Mechatronics, has successfully completed fifteen days Internship training Program on Integrated Machine Learning and Web Development offered by Camino Infotech Pvt. Ltd., from 4th to 18th February 2022.

Editorial Board

Staff Editor : **Ms. Nyni K A**, Asst. Professor,
Dept. of Mechtronics.

Student editor : **Mr. Muhsin Raziey**, Student,
Mechatronics (2020-2023).

**MECHATRONICS ENGINEERING IS THE FUTURE OF ENGINEERING.
BE A PART OF IT AND BE THE COMPLETE ENGINEER OF TOMORROW**