



Jyothi Engineering College

NAAC accredited college with NBA 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 to 2022

www.jecc.ac.in | Email : info@jecc.ac.in

DEPARTMENT OF MECHATRONICS NEWSLETTER

Vision

* Create eminent and ethical leaders committed to their 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 inaugural issue of this newsletter of Mechatronics department. It's an attempt to highlight the achievements of the students and staff biannually. The department despite being under two 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 the editor and her team to bring out this debut edition and I wish them all success in our future issues.



Prof. Dr. Vivek Lukose

Head of Department



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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.

The Branch of Mechatronics Engineering had been initiated by the Management of Jyothi Engineering and it started off auspiciously under the umbrella of Electronics and Communication Department in the year 2017.

Later in the year 2019, it was detached from the Department of Electronics and Communication Engineering and formed as a separate entity. The department started off under the leadership of Dr. Vivek Lukose as the HOD including five faculty members, Mr. Hareesh N. V, Mr. Jineesh K. J, Ms. Soumya C. and Ms. Nyni K. A. from the various departments of Electronics & Communication Engineering, Electrical & Electronics Engineering and Mechanical Engineering, thus forming a perfect blended interdisciplinary department.



Mr. Hareesh N V



Mr. Jineesh K J



Ms. Soumya C



Ms. Nyni K A

Departmental Activities

The Department of Mechatronics conducted an Add-on course on Embedded system design using 8051 which was conducted on September 20th, 2019.

The Department conducted remedial classes for students after the first Sessional examinations on 23rd November 2019.



Students' Achievements

- Mr. Allen Jose James of S5 MR won 3rd prize in 'E' zone Table tennis team championship on 16-10-2019.
- Mr. Blison Babu, Mr. Alphin Francis and Mr. Allen Jose James of S5 MR participated in State Level competition NASA Space Apps Challenge along with Mr. Fadhil Firoz of S5 ME A on 21-09-19 & 22-09-19 at St. Thomas College of Engineering, Palai.
- Mr. Alwin Thomas Paul, Mr. Nirmal James, Mr. Sheik Ajmal & Mr. Sanuf S. of S5 MR participated in 4 days workshop programme at Adi Shankara College of Engineering and Technology from 19th to 22nd of September 2019.



- Mr. Alphin Francis, Mr. Allen Jose James and Mr. Blison Babu of S5 MR participated in National Level competition NASA Space Apps Challenge along with Mr. Fadhil Firoz of S5 ME A on 18-10-19 to 20-10-19 at Spring Boards, Noida , New Delhi.
- Mr. Riju T. R. and Mr. Allen Jose James of S5 MR participated as volunteers in Kerala Huddle on 28th & 29th September 2019.
- Mr. Riju T. R. of S5 MR has participated in NSS Punarjani, special camp at Government Polytechnic College, Palakkad.
- Mr. Abhishek N, Mr. Sourav S. & Mr. Charles Jojo of S5 MR and Mr. Domi Leon of S3 MR participated in the KTU E-Zone football tournament held at VAST, Thrissur on 14th & 15th November 2019.





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Staff Acheivements

Mr. Jinesh K. J. Asst. Prof. MR attended KTU syllabus revision committee meeting for the Mechatronics Engineering program on 2nd September 2019 at Government Engineering College, Thrissur.

He also attended lab sessions at Kongu Engineering College, Erode and Saintgits College of Engineering, Kottayam along with some of our M. Tech students



Mr. Jineesh K J

Paper Published

Mr. Jinesh K. J. published a paper titled "Asset Tracking using Low Power Bluetooth" in International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Volume 6, Issue 8, August 2019.

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