



# Jyothi Engineering College

Reaccredited with NAAC (Grade A) and NBA Programmes\*

Approved by AICTE and Affiliated to APJ Abdul Kalam Technological University

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

JYOTHI HILLS, VETTIKATTIRI P.O., CHERUTHURUTHY, THRISSUR, 679531 | Ph. +91 4884 259000 | info@jecc.ac.in | www.jecc.ac.in



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## DEPARTMENT OF MECHATRONICS ENGINEERING

# NEWSLETTER

### As the HOD,

It is with great pleasure that I extend my warmest greetings to you all as we release the first issue of Volume 5 of our Mechatronics Engineering Department newsletter. The journey of knowledge and innovation continues to unfold, and it is heartening to witness the remarkable contributions our department has made to the field of mechatronics.

In this issue, we celebrate the dedication and resilience of our faculty and students. Their unwavering commitment to excellence, research, and collaboration has been the cornerstone of our department's success. Whether it's the groundbreaking research projects, the dynamic classroom experiences, or the numerous achievements, the enthusiasm and passion of our community shine brightly. As we move forward, let's continue to embrace innovation and push the boundaries of what's possible in mechatronics engineering. Let's foster an environment that encourages curiosity, teamwork, and a thirst for knowledge. By doing so, we will ensure that our department remains at the forefront of technological advancements and continues to inspire future generations of engineers.

I extend my gratitude to the editorial team, contributors, and all those who have made this newsletter possible. Your hard work and dedication are invaluable.

I look forward to another year of excellence and achievement in mechatronics engineering. Together, we will reach new heights and inspire positive change in our ever-evolving field.



**Dr. Anoop Jose Chittilappilly**

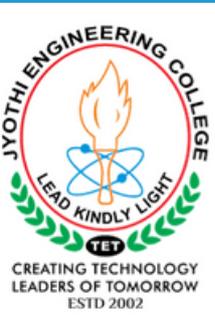
Head of Department

### 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.



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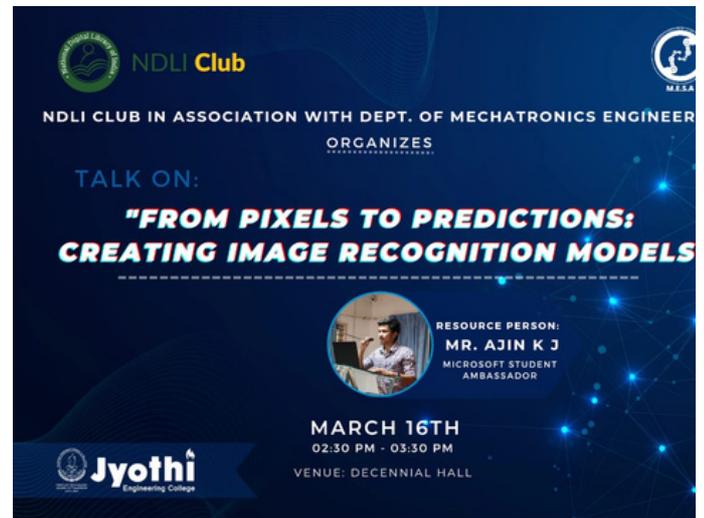
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## A Brief Note

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.

## Departmental Activities

1. NDLI club in association with Mechatronics Engineering Student Association organized a talk on **"FROM PIXELS TO PREDICTIONS: CREATING IMAGE RECOGNITION MODELS"** on March 16<sup>th</sup> 2023. Mr. Ajin K. J, S8 MR (2019-2023 Batch), Microsoft Student Ambassador was the speaker.





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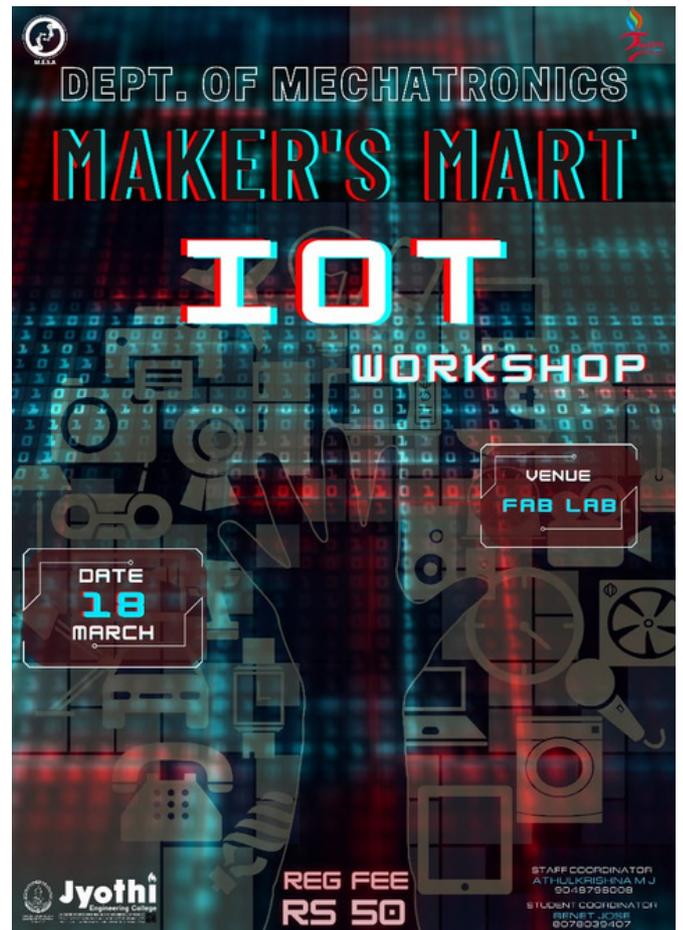


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## Departmental Activities

2. Mechatronics Engineering Students' Association (MESA) in association with IIC & ISTE organized a workshop on "INDUSTRIAL ROBOTICS" on 18<sup>th</sup> March 2023 at IIC.

3. Mechatronics Engineering Students' Association organized a workshop on 'MAKER'S MART IOT WORKSHOP' as part of College Technical Fest Tharang '23 on 18<sup>th</sup> March 2023 at FAB LAB.





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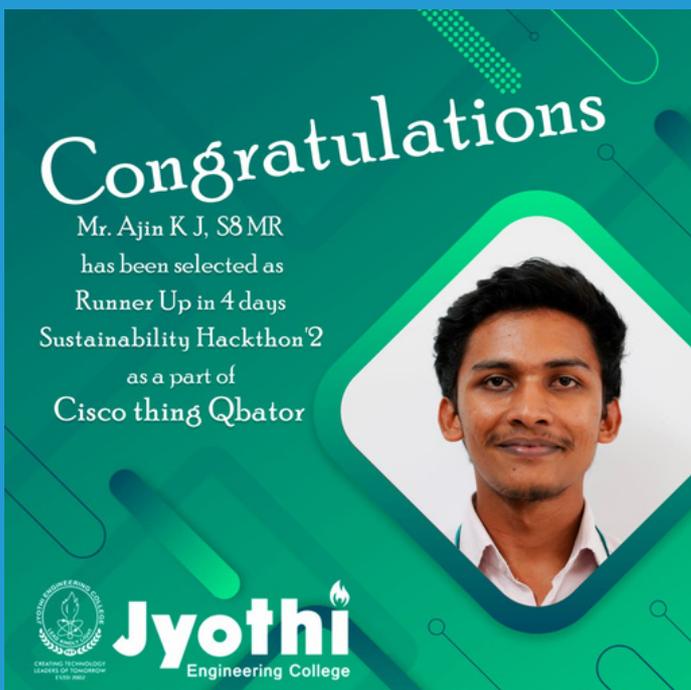
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## Students Activities

1. Ajin K J of S8 MR (2019-2023 Batch) has been selected as Runner Up in four days Sustainability Hackathon '2 as part of Cisco thing Qbator



3. Mr Ajin K J, Ms Sajana Sunny ,Mr Fahim of S8 MR presented their idea in Nna oru kai nokkiyalo - Ente keralam program 2023 organised by Thrissur municipality.



2. Ajin K J of S8 MR (2019-23 BATCH) got First prize of Rs. 50000 in Idea Pitching Contest Scale Up in the IEDC SUMMIT 2023 held on March 4<sup>th</sup>, 2023



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## Students Activities

4. Team THINKSOBER from JEC participated in National level Anti Drug Hackathon organised by Kerala Excise Department, KSUM , Kasargod District Panchayath at Central University Kerala from 26<sup>th</sup> April, 2023 to 27<sup>th</sup> April , 2023 and was selected as one among the best performing 5 teams. They got the direct entry to KSUM Innovation Grant of 3 Lakhs funding opportunity for their innovation. Team members include Ajin K J ( S8 MR) & Grace Maria George (S4 MR) with mentors Mr. Nice Menachery (AP ME) & Mr. Jinesh K J (AP MR)



## University Result Toppers

### S7 TOPPERS



SAJNA SUNNY T



AJIN K J



AKSHAY P G

### S5 TOPPERS



MILAN C ROY



ASHISH JOY



M SARATH

### S3 TOPPERS



JITHIN GEORGE  
THOMAS



RINCE MATHEW



MELVIN ALEX



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The way to build a nation is to build a good citizen. The majority of the citizens should be efficient, of good character and possess a reasonable high sense of duty.

**-Sir M Visvesvaraya**

## Editorial Board

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

Student editor : **Mr. Mohammad Adnan**,  
Mechatronics Engineering (2020-2024 Batch).

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