



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

NEWS LETTER

As the HOD,

It gives me great pleasure to address you as the new Head of the Mechatronics Department. I extend my sincere appreciation to the editorial team for their dedication in bringing out this Newsletter. Our department continues to uphold high standards in academics and research, supported by modern laboratories, dedicated faculty, and enthusiastic students. This semester has been vibrant with academic, co-curricular, and extracurricular achievements that reflect the talent and teamwork within our community. I thank all faculty members, staff, and students for their continued commitment and efforts in driving the department forward. Together, let us keep striving toward innovation and excellence in Mechatronics.



DR. ANAND KRISHNAN N
HEAD OF THE 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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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

Electrifying Excellence: Joyal J Maliakal Shines Bright!



Joyal J Maliakal received the prestigious IEEE PES Chapter Outstanding Student Volunteer Award 2024. This honor recognizes Joyal's exceptional dedication, leadership, and impactful contributions to the IEEE Power & Energy Society. His commitment to advancing student engagement and technical excellence has set a benchmark for peers and inspired the department.



Student Achievements





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Placements 2025: Mechatronics Students Make Their Mark!



The Mechatronics Engineering Department at Jyothi Engineering College celebrates the successful placement of nine talented students in top companies during the 2025 campus recruitment drive. With recruiters like Tech Mahindra, AXIS Bank, LGB, ESAF, and more, this achievement reflects the department’s commitment to industry readiness and holistic development.

Igniting Innovation: Ideation Workshop Empowers Future Entrepreneurs

The Mechatronics Engineering Department of Jyothi Engineering College, in collaboration with the Swavalamban Chair for MSME Solutions (Government Engineering College Thrissur-TBI), successfully hosted an Ideation Workshop on Friday, 28 February 2025 & Saturday 01 March 2025. Held at Seminar Hall (EAB 310), the full-day event featured Mr. Akhil Madhav, Program Manager at German Accelerator, as the resource person. With support from SIDBI, IEDC, and other partner institutions, the workshop offered students a dynamic platform to explore entrepreneurial thinking, MSME-focused innovation, and startup ideation strategies. The session sparked creativity and practical insight, reinforcing the department’s commitment to nurturing future-ready engineers.





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Embedded Brilliance: Robotics Seminar Sparks Innovation

The NDLI Club, in association with MESA, hosted an engaging seminar titled “Arduino and Raspberry Pi for Robotics” on Tuesday, 4 March 2025, at Seminar Hall EAB 310, Jyothi Engineering College. Led by Mr. Hameeyas Maheen from the 2023–2027 Mechatronics batch, the session introduced students to the fundamentals of embedded systems and their applications in robotics. With hands-on insights and practical demonstrations, the event empowered participants to explore microcontroller-based innovation and laid the groundwork for future tech-driven projects.



IEI Student Chapter Inaugurated with Insightful Interdisciplinary Talk.

The Mechatronics Engineering Department at Jyothi Engineering College proudly inaugurated its Institution of Engineers (India) Students’ Chapter on Wednesday, 5 March 2025. Marking the occasion, an enlightening talk titled “IEI: An Interdisciplinary Perspective” was delivered by Prof. Dr. C. P. Sunil Kumar, FIE, Fellow of IEI and Professor at Government Engineering College, Thrissur. Held at Seminar Hall (EAB310), the session emphasized the power of cross-disciplinary collaboration in solving complex engineering challenges, inspiring students to embrace innovation beyond boundaries.





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Quiz Champion from Mechatronics: Donald P. Paul Shines!

Congratulations to Donald P. Paul (S2 MRE) from the Mechatronics Engineering Department for emerging as one of the winners in the First-Year Quiz Competition held on 14 March 2025. Organized by the Competitive Programming and Mathematics Society of Jyothi Engineering College in collaboration with IETE and the BSH Department, the event showcased sharp minds and quick thinking. Donald’s performance stood out, reflecting the analytical spirit and academic excellence of Mechatronics students.



Triple Triumph: Mechatronics Teams Win Project Excellence Awards at YUKTHI

Three dynamic student teams from the Mechatronics Engineering Department of Jyothi Engineering College were honored with the Departmental Project Excellence Award at YUKTHI 2025, the college’s premier innovation and project expo. Their winning projects showcased practical ingenuity and interdisciplinary impact: These awards reflect the department’s commitment to innovation, real-world problem solving, and collaborative engineering excellence.





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Mechatronics Tops the State in KTU Odd Semester Results!

A proud moment for Jyothi Engineering College as the Mechatronics Engineering Department clinched the State First Position in the KTU Odd Semester Examination (S1, S3, S5) held in November 2024. This remarkable achievement reflects the department’s unwavering commitment to academic excellence, innovative pedagogy, and student success. Congratulations to the faculty and students whose dedication and hard work have placed Mechatronics at the pinnacle of engineering education in Kerala!



Talent Hunt 7.0: Inspiring Young Stars with Jyothi’s Spirit



Mr. Jinesh K. J., Assistant Professor at Jyothi Engineering College, Cheruthuruthy, proudly represented the institution at Sarvodayam.V.H.S.S, Talent Hunt 7.0, a vibrant multi-day event held from May 21 to 24, 2025. The final day, May 24, featured a showcase of creativity and performance by children, celebrating their unique talents and potential. With his active involvement, Mr. Jinesh brought the college’s educational values to the community stage, fostering inspiration and connection beyond the classroom.

Research Recognition: Dr. Anand Krishnan N. Awarded KTU Seed Grant

Dr. Anand Krishnan N., Associate Professor of the Mechatronics Engineering Department at Jyothi Engineering College, for received the KTU Research Seed Money grant of ₹1,17,894. This prestigious funding supports innovative research initiatives and reflects Dr. Anand’s commitment to advancing interdisciplinary engineering solutions. The department celebrates this milestone as a testament to its growing research culture and academic excellence.





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EDITORIAL BOARD

Staff Editor : Mr. Jain Varghese, Asst. Professor,
Dept. of Mechatronics Engineering

Student Editor : Mr. Anandh T Staicy,
Mechatronics Engineering (2023-2027 Batch).

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