VISION

"Creating eminent and ethical leaders through quality professional education with emphasis on holistic excellence"

ABOUT

Jyothi Engineering College (JECC) situated in Cheruthuruthy is a Center of Excellence in Science & Technology. It is founded by the Catholic Archdiocese of Trichur. Keeping in tune with the universal policy of the church, the Archdiocese of Trichur has illustrious track record of a century and a quarter in the education sector. The educational march started with St.Thomas High School established in 1889. Since then, the ministry had a phenomenal race forward and today it has a number of establishments under its umbrella including Jubilee Mission Medical College & Research Institute and St. Thomas College. JECC started functioning at Cheruthuruthy in the year 2002 and is approved by AICTE. It is affiliated to APJ Abdul Kalam Technological University.

With a visionary management, JECC already has over 150 well qualified and energetic, young and experienced faculty members we are in position to provide a high quality academic experience. JECC is emerging as a benchmark for the continuous journey towards excellence amongst institutions of higher education in the field of technology across the country.
CREATING TECHNOLOGY LEADERS OF TOMORROW

Jyothi Consultancy Services (JCS) is a special wing for developing solutions and also provides expert advice in the technical area. Team also helps clients transform their legacy solutions into new architecture. There are multiple external and internal projects that are executed by the team of experienced professionals and self-motivated students. Students get a practical exposure to the real-time projects and get to know the crux of real-world application development.

The institution has always maintained a Research Culture and has taken up a number of minor and major research projects. Research publications, Ongoing Research and Consultancy have added to the professional development of the Faculty. Commitment to basic long-term research as the foundation for future development is the concern of the institution. In research, there is progressive sharing of academic knowledge and resources to create new resources.

Fabrication Laboratory (FabLab) is a technical prototyping platform which aims to provide stimuli for local entrepreneurship by offering a small-scale workshop which empowers the users to create smart devices which can be tailored to local or personal needs. FabLab is set up in collaboration with MIT Center for Bits & Atoms, USA and part-sponsored by the Govt. of Kerala. We are one among 20 colleges in the state to have this facility.

Centre for Water Research and Education established as a subsidiary of Civil Engineering Department aims at providing services to the people on remediation of various water issues such as water quality/water shortage/ rain water harvesting, water treatment and with special focus on maintenance of domestic water sources of Kerala. The centre was very helpful to the nearby localities by helping them to deal with the water-related issues after the Flood 2018.

Integrated Industrial Incubation Center (IIC) is a joint venture between Tata Technologies and Jyothi Engineering College. This is an attempt to bridge the “Academia - Industry gap”, providing “Industry 4.0 readiness” for its trainees comprising engineering degree and diploma students, engineers and practicing professionals. Its vision is to create an entrepreneurial ambiance, subsequent to which, to develop an incubation hub for Kerala and South India with Thrissur as its center.
KMRL
Department of Science and Technology (India) has sanctioned Rs. 25 Lakh (Rs. 2.5 million) for research project titled "Intelligent Data Analytics Platform for a Metro Rail Transport System" with Kochi Metro Rail Ltd (KMRL).

Indian Patent
The Student Product of EEE department has been patented in Indian Patent under the Government of India entitled "Tremor Stabilization and Monitoring of Parkinson's Disease."  

Hackathon
The Student Product "LYZA for women" won the second prize in International Women Hackathon 2018 and also got selected for the India Canada Acceleration Program at AICTE, New Delhi.

Idea Fest
The idea "Tiny Bits-a robot for introducing coding to students" which was presented by our students received prototype fund of Rs. 75,000 from IDEA FEST 2018.

GUINNESS
One of our students has secured a place in the Guinness World Record for the largest display of Crochet Sculptures, held in January 2018.

Rezonent
Incubated Rezonent Microchip Pvt. Ltd in our Campus opens up the research activities in the area of Electrical & Electronics. HeadQuarters located at Silicon Valley Design Center, USA.

Yuva Mastermind
Won the First Prize in Malaysia Monorama - IBS Yuva Mastermind Season 8 Grand Finale 2018 for the project titled "A Low Cost Braille Printer Using a Strip Dot Matrix Printer".

Make In Odisha
Our students won the 3rd prize in "Make In Odisha Conclave" which was conducted in Bhubaneshwar on 11-15 Nov 2018. The Make In Odisha Conclave 2018 is the flagship biennial business event of the Government of Odisha.

KTU SPORTS
Our students won the gold medal for 4x100 mts Relay in the KTU Sports Meet.

YIP 2019-22
Three Teams from our college has been adjudged as one among the hundred and two best innovative ideas for YIP 2019-22.
One of the few engineering colleges in the State which has both NBA and NAAC accreditations. (NBA accredited programmes - CE, CSE, ECE, EEE & ME Branches).

Ethically supported to offer B.Tech(Honours) programme in CSE, ECE & EEE branches under APJ Abdul Kalam Technological University.

More than 40 lakhs granted by Department of Science & Technology (DST) and KSCSTE for Research activities.

JECC joins with Jubilee Mission Medical College to contribute in the area of medical sciences through Jyothi Jubilee Research Center (JJRC).

One of the top 25 BEC (Business English Certificate - University of Cambridge) centers in South Asia and is officially partnered with Cambridge Engineering Assessment.

College has a very vibrant Innovation & Entrepreneurship Development Cell (IEDC) which was selected as Best Performing Cell in the State twice. Technology Business Incubator under the IEDC is approved by Kerala Startup Mission.

A Fablab (Fabrication Laboratory worth Rs. 50 lakhs) is set up in collaboration with MIT Center for Bits & Atoms, USA and part-sponsored by the Govt of Kerala. We are one among 20 colleges in the state to have this facility.

More than 250 alumni are placed in companies across the globe.
Courses Offered

**B. Tech**
- ARTIFICIAL INTELLIGENCE & DATA SCIENCE: 60
- CIVIL ENGINEERING: 60
- COMPUTER SCIENCE & ENGINEERING: 120
- ELECTRONICS & COMMUNICATION ENGINEERING: 60
- ELECTRICAL & ELECTRONICS ENGINEERING: 60
- MECHANICAL ENGINEERING: 120
- MECHATRONICS: 60
- ROBOTICS & AUTOMATION: 60

**M. Tech**
- POWER ELECTRONICS: 6
- COMPUTER SCIENCE & ENGINEERING: 6
- TRANSPORTATION ENGINEERING: 18
- COMMUNICATION ENGINEERING & SIGNAL PROCESSING: 6
- INDUSTRIAL AUTOMATION & ROBOTICS: 6

**Ph. D**
- Ph.D in various departments of Engineering, Technology & Maths

Applications can be submitted online through our college website | www.jecc.ac.in || info@jecc.ac.in

Excellent Placement Record

Our Recruiters
**JYOTHI SCHOLARSHIPS 2020**

Jyothi provides scholarships more than 3 Crore per year

### KEAM RANK HOLDERS

<table>
<thead>
<tr>
<th>Rank</th>
<th>Scholarship</th>
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<tr>
<td>1</td>
<td>₹ 75,000/- per annum</td>
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<tr>
<td>5,000</td>
<td>₹ 37,500/- per annum</td>
</tr>
<tr>
<td>10,000</td>
<td>₹ 20,000/- per annum</td>
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<tr>
<td>15,000</td>
<td>₹ 15,000/- per annum</td>
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<tr>
<td>20,000</td>
<td>₹ 10,000/- per annum</td>
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*Note: Only one Scholarship will be granted at a time*

### +2 PERCENTAGE

Management Merit Scholarship based on +2 Percentage (KEAM should be qualified)

<table>
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<th>Percentage</th>
<th>Scholarship</th>
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<tr>
<td>95% to 100%</td>
<td>₹ 20,000/- per annum</td>
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<tr>
<td>90% to 94%</td>
<td>₹ 10,000/- per annum</td>
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</tbody>
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For more details visit: [www.jecc.ac.in](http://www.jecc.ac.in)
Management Team

His Grace Mar Andrews Thazhath
Chairman

Msgr. Thomas Kakkassery
Manager

Rev. Fr. Roy Joseph Vadakkan
Secretary & Campus Head

Rev. Dr. Jose Kannampuzha
Director of Academics

Dr. U. Lazar John
Director of Industry & Human Relations

Sr. Dr. Rose Anitha
Director of Research

Dr. Sunny Joseph Kalayathankal
Principal

Er. Thomas Mathew
Administrator

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