

## ABOUT DEPARTMENT

Electrical and Electronics Engineering (EEE) is a branch of engineering focused on electricity, electronics, and electromagnetism. Key areas include power systems (generation and distribution), electronics (analog and digital), control systems, communication systems, and computer systems.

The Department of Electrical and Electronics Engineering at BJI is committed to provide its students with a cutting edge knowledge in the field of electrical engineering

### Future of Electrical Engineering in Research

The future of electrical engineering is bright, driven by trends like renewable energy, electric vehicles, smart grids, and 5G, the integration of AI and IoT. The field also offers diverse career paths and research to develop innovative solutions for a more sustainable and technologically advanced world.

## ABOUT COLLEGE

Bishop Jerome Institute is promoted by the Bishop Jerome Foundation, an educational non-profit charitable trust formed by the Catholic Diocese of Quilon to promote medical, technical, management and other professional education.

The institution is an integrated campus for Engineering and technology, Architecture and Mangemnet studies

## MISSION

To produce technical professionals who will pioneer social transformation for a brighter world.

## VISION

Committed to accomplish its vision to provide professional education in a value-based and inclusive ambience to all deserving students beyond borders, irrespective of caste, creed and religion



## BISHOP JEROME INSTITUTE

·A Centre Of Excellence in Professional Education for Engineering And Technology, Management And Architecture Catholic Diocese Of Quilon

Fatima College Internal Road, Jawahar Nagar, Karbala, Kollam, Kerala 691001

Phone No.:8089214052, 04742764052/53

## “ELECTRICAL ENGINEERING AND BEYOND: RESEARCH PROSPECTS”



*Organised by*

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

# ORGANISING COMMITTEE

## CHIEF PATRON

Rev. Benjamine Palliyadiyil  
Manager  
Bishop Jerome Institute

## PATRONS

Rev. Fr. Arun J Aradan  
Bursar  
Bishop Jerome Institute  
Dr. Anil A R  
Principal  
Bishop Jerome Institute

## CONVENOR

Dr. Pretty Mary Tom  
Head of the Department  
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## Event Co-ordinator

Ms. Tensy Thomas  
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## OBJECTIVE

The objective of FDP is designed to enhance the academic and research capabilities of faculty members, research scholars, and postgraduate students.

**JULY 7 - 11, 2025**

**TIMING: 7.00PM - 8.00PM**

Rs. 200 for Research Scholars / Faculty members from Affiliated Colleges

## REGISTRATION LINK

[https://docs.google.com/forms/d/1F5JUFP\\_A9fM0Ls5hj\\_MZcXQma9ixGf9kr0OwY6C-R\\_U/edit?usp=drivesdk](https://docs.google.com/forms/d/1F5JUFP_A9fM0Ls5hj_MZcXQma9ixGf9kr0OwY6C-R_U/edit?usp=drivesdk)

*Or scan the QR code below:*



## RESOURCE PERSONS



**Dr. Soumya**  
Assistant Professor  
MBCET  
Trivandrum

**Dr. Nirmal Mukundan C M**

Post Doctoral Researcher  
Khalifa University  
UAE



**Dr. Amulya Viswambharan**  
Post Doctoral Researcher  
UAE University

**Dr. Bijuna Kunju K**

Professor  
TKM College of Engineering  
Karicode, Kollam



**Dr. M. Marsaline Beno**  
Dean of Research,  
St. Xavier's Catholic  
College of Engineering,  
Nagercoil