

VISION

To nurture skilled and ethical Electronics & Communication Engineering professionals who can lead positive change for a better world.

MISSION

To deliver top-notch academic programs that mirror international standards, emphasizing both academic excellence and professional proficiency.

To empower the students with vital industry and research skills, encouraging teamwork and clear communication to promote responsible practices in Electronics & Communication Engineering.

CONTACT US

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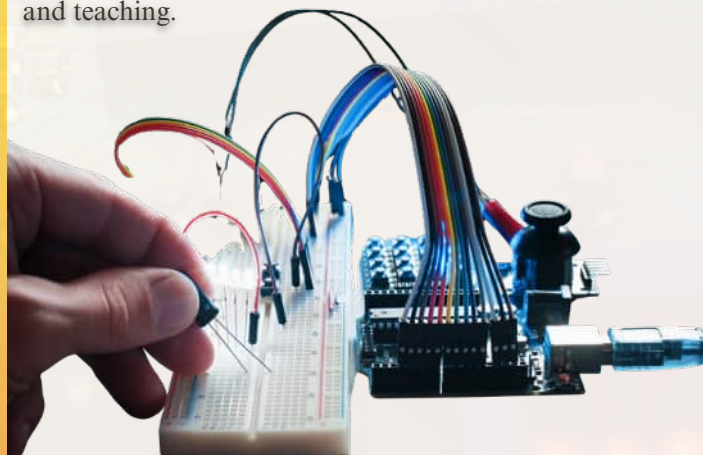
☎ 9447438698

THE INSTITUTE

Bishop Jerome Institute is a professional educational institution under the Catholic Diocese of Quilon, with a vision to produce technical professionals of exceptional integrity who will pioneer social transformation for a brighter world. The institution maintains an ambience conducive to academic pursuits while encouraging in its students an observant eye and an enquiring mind that facilitate their transformation into genuine professionals. The institute hosts an integrated technical campus comprising three schools of study, namely the School of Engineering and Technology, the School of Architecture, and the School of Management.

THE DEPARTMENT

The Department of Electronics and Communication Engineering at Bishop Jerome Institute is a leading force in educating the next generation of engineers. Our courses cover diverse areas such as analog and digital communication, signal processing, digital system design, and software development, guided by a highly qualified faculty and a dedicated technical team. With state-of-the-art infrastructure, we aim to equip aspiring engineers with essential skills and foster a vision to produce world-class Electronics and Communication professionals. The department is committed to excellence in both research and teaching.



BISHOP JEROME INSTITUTE

A Centre of Excellence in Professional Education for
Engineering and Technology, Management and Architecture
Catholic Diocese of Quilon
Fatima College Road, Kollam 691001

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ONLINE FACULTY DEVELOPMENT PROGRAMME

"EXPANDING HORIZONS: AI IN TECHNOLOGY APPLICATIONS"

November 3rd to 8th, 2025

7:00PM - 8:30PM

Organized by,

DEPARTMENT OF ELECTRONICS &
COMMUNICATION ENGINEERING

WHO CAN ATTEND?

Faculty members, researchers, industry professionals and PG students from CSE, ECE, EEE and related fields who are interested in AI, ML and Data Science. Selection will be done on a first come, first served basis.

Every registered participant will receive an E-certificate of participation upon successfully completing the sessions.

Patrons

Rt. Rev. Dr. Paul Antony Mullassery
Bishop of Quilon

Rev. Fr Benjamine Palliyadiyil
Manager,
Bishop Jerome Institute.

Rev. Fr Arun J. Aradan
Bursar,
Bishop Jerome Institute

ADVISORY COMMITTEE

Dr. Anil A R
Principal,
Bishop Jerome Institute

Dr. Kim J Seelan
Vice Principal,
Bishop Jerome Institute

CONVENOR

Prof. Roy S
Dean of Academics & HoD ECE
School of Engineering,
Bishop Jerome Institute

OBJECTIVES

The Six-Day Online Faculty Development Programme (FDP) on “Expanding Horizons: AI in Technology Applications” aims to provide faculty members with a comprehensive understanding of modern AI technologies and their interdisciplinary applications. The program focuses on enhancing participants’ knowledge in areas such as AI-driven medical image analysis, predictive analytics, intelligent vision, natural language processing (NLP), and reinforcement learning.

REGISTRATION DETAILS

Registration Link

<https://rb.gy/6m59q1>



Registration Fees

**RS. 200 FOR RESEARCH SCHOLARS / FACULTY MEMBERS
FROM AFFILIATED COLLEGES**



Scan To Pay

G-Pay No: 8089269924

**Last date of registration: 31 October 2025.
Limited seats only.**

SCHEDULE

Day 1 & 2 (3rd & 4th November 2025) 7.00 PM



Dr. Anoop B N,
Senior Member, IEEE & Assistant Professor,
Manipal Institute of Technology, MAHE, Manipal.

- **AI IN MEDICAL IMAGE ANALYSIS: TRANSFORMING HEALTHCARE THROUGH DATA-DRIVEN INSIGHTS**
- **ADVANCES AND TRENDS IN AI-DRIVEN MEDICAL IMAGE SEGMENTATION: TECHNIQUES, CHALLENGES, AND FUTURE DIRECTIONS**

Day 3 (5th November 2025) 7.00 PM



Dr. Chinnu Jacob,
HOD, Centre for AI, TKM college of Engineering.

- **DIAGNOSTICS & IMAGING. PREDICTIVE ANALYTICS & EARLY DETECTION. AI IN SURGERY. VIRTUAL HEALTH ASSISTANT AND CHATBOTS**

Day 4 (6th November 2025) 7.00 PM



Meharuniza Nazeem,
Research Associate, International Centre for Free and Open-Source Solutions (ICFOSS),
Thiruvananthapuram

- **INTELLIGENT VISION: IMAGE PROCESSING TECHNIQUES AND APPLICATIONS IN ENGINEERING**

Day 5 (7th November 2025) 7.00 PM



Navaneeth S
Research Associate, International Centre for Free and Open-Source Solutions (ICFOSS),
Thiruvananthapuram

- **EMPOWERING MACHINES TO UNDERSTAND LANGUAGE: NLP IN ACTION**

Day 6 (8th November 2025) 7.00 PM



Dr. Resmi R
Associate Professor,
Department of EEE,
TKM College of Engineering

- **MASTERING AI USING REINFORCEMENT LEARNING**