

REGISTRATION

Registration Fee: Rs. 100/-
paid using the QR Code/
UPI no:918089593484



UPI ID: shinepxavier-1@okicid

Banking Details:
Account Name: Shine P Xavier
Bank Name: Federal Bank
Branch:Chowaloorpadi
Acc no: 13420100246441
IFSC: FDRL0001256

BULK REGISTRATION DETAILS

No. of Participants	Fee per Person
1 – 10	₹100
11- 20	₹90
21- 30	₹80
31+	₹70

50% Discount for
UG/PG Students

Registration Details:
Last Date: 18 April 2026

<https://forms.gle/igas5o7QZwP6hrYi6>



Participants will receive an e-certificate upon successful completion.

CHIEF PATRON

Msgr. Jose Konikkara, Manager, Jyothi Engineering College

PATRONS

Fr. David Nettikadan, Executive Manager, Jyothi Engineering College
Fr. Dr. Jose Kannampuzha, Academic Director, Jyothi Engineering College

CHAIRPERSONS

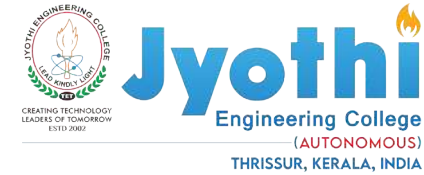
Dr. P. Sojan Lal, Principal, Jyothi Engineering College
Mr. Shine P. Xavier, HoD, AD, Jyothi Engineering College

COORDINATORS

Dr. Anoop V., Professor, AD, JEC
Dr. Sandeep C. S., Asso. Professor, AD, JEC

CONTACT

Ms. Nikhitha N., Assistant Professor, Dept. of AD, JEC
Email: nikhithan@jecc.ac.in
Mobile: +918078845167



**DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE,
JYOTHI ENGINEERING COLLEGE (AUTONOMOUS)
THRISSUR, KERALA- 679531**



SIX-DAY INTERNATIONAL ONLINE FACULTY
DEVELOPMENT PROGRAMME ON
**AI IN HEALTHCARE : DATA, ANALYTICS,
ETHICS AND
REAL WORLD APPLICATIONS**

20th- 25th April 2026
01.00 pm - 04.00 pm

ABOUT THE COLLEGE

Jyothi Engineering College (Autonomous), established in 2002 under the Trichur Educational Trust, is a leading institution in Kerala affiliated with APJ Abdul Kalam Technological University and accredited with NAAC Grade 'A'. Presently, we offer eight undergraduate programmes with an annual intake of 600 students, four postgraduate MTech programmes with an annual intake of 30 students, and PhD programmes with 27 scholars in various branches. As of now, we have 2128 students and 158 well-qualified faculty members.

ABOUT THE DEPARTMENT

The Department of Artificial Intelligence & Data Science at Jyothi Engineering College, established in 2020 and affiliated with APJ Abdul Kalam Technological University, combines strong Computer Science fundamentals with advanced AI and Data Science concepts. Supported by experienced faculty, modern labs, and a research-driven environment, the department offers a balanced blend of theory and practical exposure. With active student engagement, industry collaboration, and a focus on innovation, it prepares students with both core computing knowledge and specialized AI skills for successful careers.

VISION

Creating ethical leaders in the domain of Artificial intelligence and data Science through effectual teaching and learning process to develop emerging technology solutions for the benefits of industry and society with a focus on holistic learning and excellence.

MISSION

- Strengthening basic competencies in the domains of Artificial Intelligence and Data Science.
- Providing high-quality, value-based technical education and developing technology professionals with creative ideas and compelling leadership abilities.
- Using logical thinking to create and develop cutting-edge products in collaboration with industry stakeholders in order to meet global expectations and requirements.
- Enabling graduates to adapt to new technologies via strong fundamentals and lifetime learning.

ABOUT THE FDP

This FDP provides an in-depth exploration of Artificial Intelligence in healthcare, focusing on data analytics, ethical considerations, and real-world implementation. The program includes expert lectures, case studies, and hands-on exposure to tools and datasets. Participants will gain insights into predictive analytics, medical imaging, and AI-driven healthcare solutions.

FDP OBJECTIVES

- To provide a comprehensive understanding of AI applications in healthcare
- To bridge the gap between healthcare data and AI-based analytical techniques
- To explore ethical, legal, and regulatory challenges in healthcare AI
- To enable participants to design and implement AI-driven healthcare solutions
- To promote interdisciplinary research in AI and biomedical domains

LEARNING OUTCOMES

Upon successful completion of the FDP, participants will be able to:

- Understand various healthcare data types and their challenges
- Apply machine learning and deep learning techniques in healthcare
- Analyze healthcare datasets using modern AI tools
- Evaluate ethical and privacy concerns in AI-based healthcare systems
- Develop basic AI models for real-world healthcare applications

KEY HIGHLIGHTS

- Expert lectures from academia and industry
- Exposure to real-world healthcare datasets
- Hands-on sessions using AI tools
- Discussion on ethical AI and regulatory frameworks
- Networking opportunities for research collaboration

WHO CAN PARTICIPATE.?

Students (UG/PG), Industry Personnel, Research Scholars, Medical Professionals and Faculty members of UGC/AICTE/MHRD recognized Institutes, Universities and Engineering colleges all over India and abroad.

CHIEF GUEST AND KEYNOTE SPEAKER



Dr. Bidyadhar Subudhi
Director, NIT Warangal, India

RESOURCE PERSONS



Dr. Naganna Channaveeraiah
MD, MBA, CPE, CPHQ, CHCQM, FACHE
Corporate Medical Director, Denials Management, HCA inc. Omaha, Nebraska & ER Physician, Memorial Medical Center, Seward, Nebraska, USA.



Dr. Vinai Modem
MD., MS., Pediatric ICU Physician,
Cook Children's Medical Center, Fort Worth, Texas & Associate Professor,
TCU Burnett School of Medicine, Fort Worth, Texas, USA.



Mr. Jithin K. C.
AP, AD, JEC, Kerala, India.



Mr. Pathy Lakshminarayanan
IIT Madras Alumnus, Former Global Head,
Corporate Delivery Governance,
Business Leader Telecom, TCS, & Scientist ISRO,
part of PSLV program, India.



Dr. Anoop Ayyappan
Professor, Digital University, Kerala, India.



Dr. Sami Mukhopadhyay
Director, Scialgo Solutions LLP,
Maharashtra, India.



Dr. P. Sojan Lal
(Panel Lead)
Principal, Jyothi Engineering College,
Kerala, India.



Dr. Barla V.
Professor of Industry,
Department of Business Management,
CBIT, Hyderabad, India.



Dr. Siva Priyanka
Asst. Director,
Industrial & International Collaboration,
Department of ECE,
CBIT, Hyderabad, India.



Mr. Sreeram Potukuchi
Founder and CEO
SpinTheory.ai, USA.



Mr. Iyappan Balakrishnan
Chief Architect,
Health Sciences - MDU Americas.



Mr. Rajnarayanan Kannan
Senior Director - Technology,
Health Sciences - MDU Americas.

TOPICS COVERED

- Introduction to AI in healthcare
- From Data to Decision: A Systems Perspective on AI in Healthcare - Bridging Data, Intelligence, and Clinical Decision-Making
- Predict. Prevent. Protect - From episodic systems to continuous intelligence in Public Health
- Healthcare Data Types and Challenges
- AI in Robotics for Healthcare
- Healthcare Datasets and Repositories
- Ethics of AI in healthcare
- AI in healthcare : AI in future transformation of Healthcare and Lifesciences ecosystems
- From POC to Production Reality: ADLC, Drift and Beyond Challenges; and solution
- AI Applications in Healthcare: Case Studies, Tools, and Implementation
- From Molecules to Medicine: AI, Discovery, and the Limits of Prediction
- Panel Discussion- "AI in Healthcare: From Innovation to Impact - Are We Ready?"