

# JERIN GEO JACOB

Assistant Professor, Department of Applied Electronics and Instrumentation Engineering  
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To be the professional; guider and mentor for the young society by enhancing their skill sets, sharing and updating the knowledge. The domain of Interest includes Internet of Things, Embedded Systems, Automation and Artificial Intelligence.

## EXPERIENCE

### ASSISTANT PROFESSOR (AUGUST 2019 – PRESENT)

Department of Applied Electronics and Instrumentation Engineering  
Mount Zion College of Engineering, Kadammanitta, Pathanamthitta

Responsibilities:

- Teaching and Student Mentoring
- National Service Scheme (NSS) unit Programme Officer
- Sub-Coordinator for KTU sanctioned funded FDP
- Former Department Placement-in-Charge

## EDUCATION

### MBA\* IN OPERATIONS MANAGEMENT

IGNOU

### M.TECH IN PROCESS CONTROL AND INSTRUMENTATION

HINDUSTAN UNIVERSITY, CHENNAI

### PG DIPLOMA IN INDUSTRIAL AUTOMATION ENGINEERING

KELTRON

### B.TECH IN APPLIED ELECTRONICS AND INSTRUMENTATION

MAHATMA GANDHI UNIVERSITY, KOTTAYAM

## SKILLS

- Motivator, open to learn new ideas and technologies
- Interpersonal skills
- Possess creative and curious approach to tackle complex challenges
- Good communication skills

## **TRAINING**

- Had undergone six months rigorous training in Industrial Automation, Instrument selection and functioning, Industrial Network protocols from KELTRON, Thrissur, India.
- Five day training programme on Universal Human Values conducted by AICTE.

## **STTP/FDP**

- STTP on “Impact of Artificial Intelligence and Deep Learning on Internet of Things for Designing Smarter Products”, conducted by Francis Xavier engineering college, Tirunelveli from 7<sup>nd</sup> to 12<sup>th</sup> December 2020.
- STTP on “Paradigm shift in assessment and evaluation practices for engineering Graduates”, conducted by Amal Jyothi College of Engineering, Kanjirappally from 7<sup>th</sup> to 12<sup>th</sup> December 2020.
- STTP On “Impact Of Artificial Intelligence and Deep Learning on Internet of Things for Designing Smarter Products”, conducted by Francis Xavier Engineering College, Tirunelveli from 7<sup>nd</sup> To 12<sup>th</sup> December 2020.
- STTP on “Paradigm Shift in Assessment and Evaluation Practices for Engineering Graduates”, conducted by Amal Jyothi College of Engineering, Kanjirappally from 7<sup>th</sup> to 12<sup>th</sup> December 2020.
- FDP on “Artificial Intelligence, Machine Learning and Deep Learning” conducted by Karpagam College of Engineering, Tamil Nadu under AICTE Training And Learning (ATAL) Academy from 2<sup>nd</sup> to 6<sup>th</sup> February 2021.
- FDP on “Internet of Things” conducted by Amal Jyothi College of Engineering, Kanjirappally under AICTE Training And Learning (ATAL) Academy from 11<sup>th</sup> to 15<sup>th</sup> January 2021.

## **WEBINARS**

- “Real time Application of IoT in Agriculture Sector” by Mount Zion college of Engineering, Pathanamthitta.
- "Next Generation Chip Design", Francis Xavier College of Engineering, Tirunelveli.
- "Basics of Machine Learning", St. Peters College of Engineering, Chennai.
- “Back Stepping Controller Design For Industry Processes” by Mount Zion College of Engineering, Pathanamthitta

*(Attended 30+ Webinars organized by various Colleges, Industries and IT Companies all over India)*

## **LANGUAGE SKILLS**

- MATLAB
- LABVIEW
- C

## **TECHNICAL SERVICES**

**Reviewer** for Scopus Indexed Book “IoT Protocols and Applications for Improving Industry, Environment and Society”

## **PROFESSIONAL MEMBERSHIPS**

- Data Science Foundation
- International Association of Engineers