ABOUT THE COLLEGE:

Jai Shriram Engineering College was endowed by Shenthil Velevan Trust in the year 2009 with a motto of equipping and implanting the seed of higher education blended with communal harmony to the rural community in and around the Textile City. JSREC reinforces to impart knowledge, teamwork, innovation, entrepreneurship, courage, sacrifice and duty which are innards of a meaningful life. Here we look at education as a complete experience, not just as academics and it laid a pavement for JSREC to a world-class education environed with an eco-friendly greenery rich campus life.

JSREC is also promoted by leading industrialist having 3 major manufacturing divisions in Coimbatore with international reputation and hence we stand forth in creating great minds with optimal advantage in terms of advanced technical knowledge and skills in the distinct aspects of intellectual growth and development. JSREC is renowned for its Industry-Academic Interaction.

ABOUT THE DEPARTMENT:

The Electronics and Communication Engineering department started in the year 2009, offers an undergraduate course and a post graduate course in applied electronics that is relevant to the future careers of our students. The Department has accredited by NBA. The department provides fundamental and applied skills in engineering, computing and mathematics. This allows individuals with diverse backgrounds to enter, succeed, and continue the life-long learning process in their chosen careers.

Students have enormous opportunities in the sectors like telecommunication, space research, embedded based automation industries, communication networks and information technology.

The department enthusiastically involves in the early development of students' personality, communication and soft skills to make them feel their pride themselves in the modern and globally competitive environment.

ORGANIZING COMMITTEE

PATRON



Shri.M.Govindasamy
Chairman
Jai Shriram
Engineering College,
Tiruppur
Tamilnadu, India.



Shri.T.K.Karuppannaswamy
Vice Chairman
Jai Shriram Engineering
College, Tiruppur
Tamilnadu, India.

CHAIRPERSON



Dr.P.S.Periasamy
Principal
Jai Shriram Engineering
College, Tiruppur
Tamilnadu, India.

COORDINATOR



Dr.S.Menaga M.E., Ph.D.,
Assistant Professor (Sr.G)
Department of Electronics
and Communications
Engineering,
Jai Shriram Engineering
College, Tiruppur
Tamilnadu. India.

CO-COORDINATOR



Ms.T.Janani M.E.,
Assistant Professor
Department of Electronics
and Communications
Engineering,
Jai Shriram Engineering
College, Tiruppur
Tamilnadu, India.

AICTE Training And Learning (ATAL) Academy

Sponsored
Online One-Week

Faculty Development Programme

On

AIOT AND EDGE INTELLIGENCE: NEXT-GENERATION TECHNOLOGIES FOR SMART AND SUSTAINABLE SYSTEMS

23rd to 28th November-2026

Time: 6:00 PM

Organized by

Department of Electronics and Communications Engineering

Jai Shriram Engineering College
Avinashipalayam,Tiruppur-638660, Tamilnadu, India.

ABOUT THE FDP:

This Faculty Development Programme focuses on the convergence of AI, IoT, Edge Computing, Machine Learning, embedded intelligence, and sustainable technologies for developing next-generation smart systems. The programme aims to provide participants with both theoretical foundations and practical insights into designing intelligent, connected, and sustainable systems. Key areas may include AIoT architectures, smart sensors, edge/fog/cloud computing, TinyML, AI-driven data analytics, real-time decision-making, cyber security, digital twins, and energy-efficient intelligent systems.

FDP TOPICS COVERED:

- Introduction to AIoT and Edge Intelligence
- Smart Sensors and AI-Driven IoT Data Analytics
- Edge Computing and Edge Intelligence for Real-Time AIoT
- Edge AI and TinyML for Resource-Constrained Devices
- Training of Faculty on Early Identification and Intervention for Substance Use Disorders
- AIoT Cybersecurity, Privacy and Trustworthy Edge Intelligence
- AIoT for Smart, Green and Sustainable Systems
- Digital Twins and AI-Enabled Predictive Maintenance
- Generative AI and Autonomous Intelligence for Next-Generation IoT
- Hands-on AIoT System Design, Deployment and Research Directions
- Federated Learning and Privacy-Preserving AI for Distributed AIoT
- AIoT Innovation, Prototype Development and Future Research Directions
- Advanced AIoT Applications and Industry 5.0

ELIGIBILITY:

The faculty members, Research scholars & PG Students of the AICTE approved institutions and Industry Persons

REGISTRATION:

"No Charge for Registration and Certification"

Registration has to be done only through
https://atalacademy.aicte.gov.in/

TEST & CERTIFICATE:

An Online test will be conducted at the end of the FDP. The certificate will be issued to those participants who have attended the program with a minimum of 80% of attendance and scored a minimum of 70% of marks in the test.

RESOURCE PERSONS:



Dr. Rijo Jackson Tom
Principal Data Scientist & AI Architect, Augusta Hitech Software Solutions, Fort Lauderdale, Florida, United States.
Over 15 years of industry experience



Dr. Benita Christopher
Program Coordinator and senior faculty (IT and Cybersecurity), Curtin University, Dubai.
10 years of teaching experience



Dr. Mahi Teja Talluri
Department of Electrical and Electronics Engineering at the National Institute of Technology (NIT), Goa, India.
10+ years of teaching experience



Dr. R. Vimalathithan
Founder, CEO, and Director
Krish tech
Gandhipuram, Coimbatore, Tamil Nadu, India.
15 + yearsof industry experience



Mr. Silambarasan K
Founder and Manager @ Dsib Tech,
Ganapathy, Coimbatore. TamilNadu, India.
11 yearsof industry experience



Dr. B. Ezhilavan
Founder and CEO of VEI Technologies Pvt. Ltd · Chennai, TamilNadu, India.
15+years of industry experience



Dr.T.Balakumaran
Assistant Professor(Sr.Gr.)
Dept. of Electronics and Communication Engineering,
Coimbatore Institute of Technology, Coimbatore, India.
20+ years of teaching experience

For further details contact:
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