

About the Institution

Marri Laxman Reddy Institute of Technology and Management (MLRITM) (UGC Autonomous), Hyderabad was established in 2009, by a devoted group of intellectuals, eminent professionals, and industrialists, having a long and outstanding experience in educational field with a mission of spreading quality education among students. MLRITM has an intensive academic environment, aimed at bringing out the best out of the students. It lays claim to the finest faculty in the region, offers the best laboratory infrastructure, excellent hostels, mess facilities and promotes several extra-curricular activities. We look forward to meeting you here at MLRITM.

About the Dept. of ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)

The Department of ECE was established in the year 2009. In 2012, the department started M. Tech program with specialization in Embedded Systems with an intake of 24. The department has got various international and national certifications which enhances the rank of the department. The department has got accreditation NBA in 2016, 2019, and 2022. The department has very well-trained faculties. The faculties are qualified and proficient with a wide range of experience in academics and industry. The faculty members of our department have published many research papers in referred Journals. Faculty are actively involved in R&D activities and are working on research projects funded by government organizations like SERB and DST.

CHIEF PATRON

Prof. T. G. Sitharam (Chairman, AICTE)
Prof. Abhay Jere (Vice Chairman, AICTE)

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Ms. Marri Anu Shreya Reddy, Gen Secretary
Dr. P. Sridhar, Director
Dr. R. Murali Prasad, Principal
Dr. B. Ravi Prasad, Dean, Academic

COORDINATORS

Dr. Srinivas Nallagonda, Professor
Dr. I. Adumbabu, Assoc. Professor

DEPT. FACULTY

Dr. R. Murali Prasad, Professor
Dr. P. Sudhakara Reddy, Professor
Dr. K. Naveen Kumar, Assoc. Professor
Dr. B. Ashok Naik, Assoc. Professor
Dr. G. Amarnath, Assoc. Professor

Registration Link

Registration is compulsory for the participant so kindly register before 20th Aug 2024.

(Registration Limited to 50 Participants on First come First Serve Basis)

For Registration use the following link

<https://atalacademy.aicte-india.org/signup>

Registration ID : 1714579181



MARRI LAXMAN REDDY
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

(AN AUTONOMOUS INSTITUTION)

(Approved by AICTE, New Delhi & Affiliated to JNTUH, Hyderabad)

Accredited by NBA and NAAC with 'A' Grade & Recognized Under Section 2(f) & 12(B) of the UGC act, 1956



AICTE ATAL

Sponsored offline FDP

Wireless Cognitive Radio

Sensor Networks for Next Gen

Communication Systems

09 – 14 September 2024

COORDINATORS

Dr. Srinivas Nallagonda

Dr. I. Adumbabu

Organized by

Department of Electronics & Communication Engineering (ECE)

Marri Laxman Reddy Institute of Technology and Management (UGC Autonomous),

Hyderabad, Telangana-500043

www.mlritm.ac.in

AICTE Training and Learning (ATAL) Academy

AICTE Training and Learning (ATAL) Academy, established by MOE, Government of India, holds the vision to empower faculty to achieve goals of higher education such as access, equity, and quality. Council understands that there is a need of the day to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines with latest tools and technologies.

The main objective of ATAL Academy is to plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation, and entrepreneurship through training in various emerging areas. It also provides a variety of opportunities for training and exchange of experiences such as workshops, orientations, learning communities, peer mentoring and other FDPs.

Discussion Planned

Introduction to Wireless Sensor Networks
Introduction to Cognitive Radio Networks
5th and 6th Generation mobile networks and its challenges
Spectrum Sensing, Compression, Spectral Efficiency concepts
Simulation Modeling-LAB (LabVIEW/MATLAB)
Analytical Modelling of WCRSN- Articles Discussion
Modelling of WCRSN-LAB (LabVIEW/MATLAB)
Development of Energy Efficiency and Throughput Frameworks
Development of WCRSN using USRP boards-LAB
Performance evaluation of WCRSN, Quiz1
Design of WCRSN for Next Gen Communication systems its Challenges and Applications
National Education Policy (NEP) 2020 Implementation
Pedagogy: Outcome Based Teaching and Learning

Objectives of the Program

The primary goal of the FDP is to promote research and developmental activities to solve problems related to spectrum scarcity, Spectrum utilization efficiency in current wireless communication era. This creates an opportunity to equip with the ongoing Technological development for Next Gen Communication Systems. The program is intended to provide a vibrant opportunity for development of 5th or 6th Gen Wireless networks.

Experts involved

Dr. Srinivas Nallagonda, Professor, MLRITM
Dr. S. Anuradha, Professor, NIT Warangal
Dr. Zafar Ali Khan Mohammed, Professor, IIT Hyderabad
Dr. A. Chandra, Assoc. Professr, NIT Durgapur
Dr. A. Bhowmick. Assoc. Professor, VIT Vellore
Dr. P. Naveen Kumar, Professor, Director, OU
Dr. Binod Prasad, Asst. Professor, IIIT Gwalior
Mr. D. Shravan Kumar, Scientist-E, RCI-DRDO, Hyderabad
Mr. Vamshi Krishna, Senior Technical officer, CSIR-NGRI, Hyderabad
Dr. B. Shravan Kumar, Assist. Professor, NIT Meghalaya

Guidelines

The FDP will be conducted in Physical Mode.

There will be 12 sessions in six days and two sessions every day. And one session may be utilized for industrial visit and one session for feedback, assessment & Journal Reflection.

As per AICTE Training and Learning (ATAL) Academy guidelines no registration fee will be charged from the participants.

Resource Persons

Resource persons are from various IIT's, NIT's, IIIT's, State & Central Universities and Industries.

Eligibility

This AICTE sponsored FDP is open to the faculty members of AICTE approved Institutions, Research scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host institutions.

Key dates

Last Date for Application: 20.08. 2024

Date of the FDP: 09.09.2024 to 14.09.2024

For Further details

Coordinators

FDP- (WCRSNGCS-24),

Dr. Srinivas Nallagonda

Dr. I. Adumbabu

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 https://www.linkedin.com/in/mlritm/?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app

 <https://www.facebook.com/profile.php?id=100063642354921&mibextid=ZbWKwL>

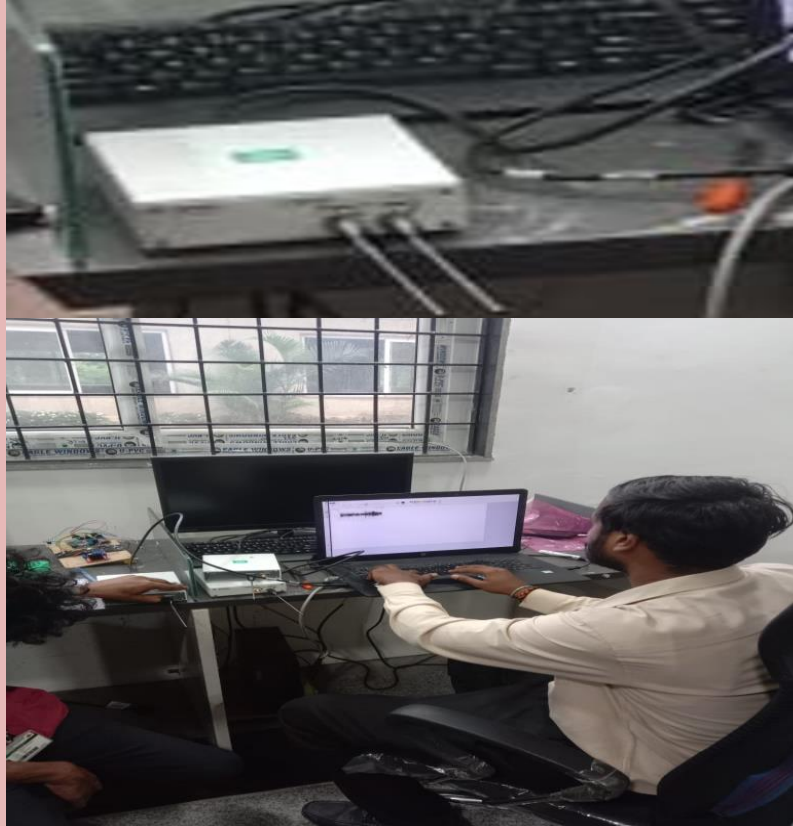
 https://www.instagram.com/mlritmofficial/?utm_source=qr&igsh=ZjlpamM4MW01eGI2

“ATAL AICTE Sponsored SIX Days Faculty Development Program on
“Wireless Cognitive Radio Sensor Networks for
Next Gen Communication Systems”

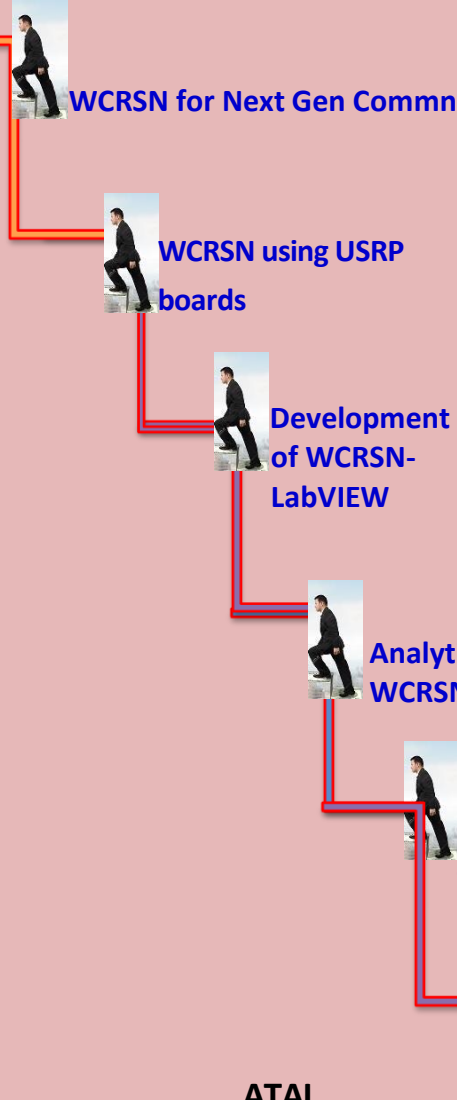
9th to 14th Sep 2024

Application Number: 1714579181

Dept. of ECE, MLRITM, Hyderabad, Telangana.



Next Gen Wireless Network



Coordinators

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Dr. I. Adumbabu-9440456864

adumbabu@mlritm.ac.in

Important instruction

No Registration Fee

TA/DA Will be provided as per the AICTE norms

For Registration

<https://atalacademy.aicte-india.org/login>

ATAL

Registration ID: 1714579181

**Faculty /
PG/TRA /
JRF/SRF Only**