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Professor /ECE and Head R&D
Electronics and Communication Engineering

CO-COORDINATOR

Mrs.R.PRIYA

Assistant Professor
Electrical and Electronics Engineering

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Mr.V.RAJESH, Assistant Professor/ECE
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ABOUT THE INSTITUTION

Manakula Vinayagar Institute of Technology (MVIT) is a premier institute run by Sri Manakula Vinayagar Education al Trust established in the year 2008, with a view to provide quality technical educator to young citizens and participate in technological progress of our Nation. It is offering courses in B.Tech (EEE, ECE, CSE, IT & MECH) in UG level and PG courses - M.Tech (ECE & CSE), MBA with a perspective to open up career opportunities for the underprivileged youth in and around the vicinity. Our college is professionally managed and guided by eminent persons with meticulous care to be in conformance with all prudential standards. MVIT is approved by AICTE, New Delhi, affiliated to the Pondicherry University and Accredited by NBA . MVIT is situated on the Puducherry-Villupuram National Highway (NH-45A) in Madagadipet, Puducherry. Madagadipet is 23 Kms from Puducherry and 16 Kms from Villupuram.

IMPORTANT DATES

Last date for receipt of application : **03.01.2019**

Acceptance will be intimated on : **04.01.2019**

ELIGIBILITY

Faculty members working from Engineering and Polytechnic Colleges, Research scholars, UG & PG Students, Industry Persons from relevant background are eligible to attend the programme.

REGISTRATION

Registration fees :

IEEE Members : 200/-

Non-IEEE Members : 300/-

Confirmation of eligible candidates will be on a first come first served basis. Send your registration form to Coordinator on or before January 3, 2019.



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

Kalitheerthalkuppam, Puducherry- 605107.

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IEEE SPONSORED

NATIONAL LEVEL SEMINAR ON "EMERGING TRENDS AND INNOVATION CHALLENGES IN RENEWABLE ENERGY FOR DEVELOPMENT OF SMART CITIES"

8th January 2019



Organized by



Manakula Vinayagar Institute of Technology

Kalitheerthalkuppam, Puducherry-605 107

Ph : 0413-264007, fax : 2643008, 2643014

ABOUT THE PROGRAMME

Tomorrow's Digital Cities will be the product of today's dreams. India is witnessing supreme transformation from rural to predominantly urban living over the last two decades. The vision of a modern India encapsulates the concept of 'smart cities' to address the phenomenally rapid urbanization of our nation. Nearly 31% of India's current population live in urban areas, and contribute 63% of India's GDP. Urban areas are expected to house 40% of India's population and contribute 75% of India's GDP by 2030. This requires comprehensive development of physical, institutional, social and economic infrastructure. In context to this, the Smart Cities Mission is an innovative and new initiative by the Government of India to drive economic growth and improve the quality of life of people by harnessing technology. Renewable energy technologies will contribute a lot in achieving objectives of the Smart Cities Mission to make them zero polluting and self-sustaining cities. The renewable energy and smart technologies hand in hand are ready to shape the future growth of smart cities.

With this context, the seminar titled "Emerging trends and Innovation challenges in Renewable Energy for development of Smart Cities" aims to confer the emerging trends and challenges in Renewable Energy for development of Smart Cities in the areas of distributed generation, energy storage technologies, smart grid infrastructure, energy transport systems, and optimal energy management schemes.

An awareness program will be planned at the end of the program titled "Dream with IEEE" to create awareness among the participants about various membership benefits and contests conducted by IEEE and IEEE Madras section.

RESOURCE PERSONS

Faculty experts from premier academic institutions, experts from industries and R & D organizations will be handling the sessions.

TOPICS TO BE COVERED

- Introduction to Smart Grid/Smart City
- Smart Grid Architecture
- Renewable Energy resources : Current status and future growth plans
- Design of Renewable Energy Systems (RES)
- Renewable Energy sector Initiatives to Smart City - Indian Perspectives
- Smart Electrification and Energy generation
- Modernizing electricity infrastructure for Smart Cities
- Smart energy transmission and distribution sector
- Net Metering and Grid connectivity
- Solar rooftop technologies for smart buildings
- Smart Sensors and Advanced Metering Techniques
- Societal Challenges in Smart Cities implementation
- IoT for Smart Cities

ADDRESS FOR CORRESPONDENCE

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MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY

IEEE SPONSORED NATIONAL LEVEL SEMINAR ON "EMERGING TRENDS AND INNOVATION CHALLENGES IN RENEWABLE ENERGY FOR DEVELOPMENT OF SMART CITIES"

08th January 2019

REGISTRATION FORM

Name : _____

Gender: _____

Designation/Course: _____

Institution: _____

Address: _____

Mobile No: _____

E-Mail: _____

Date: _____ Signature of the Applicant

DECLARATION

Dr/Mr/Mrs _____ is a faculty member of our Institution and is sponsored /permitted to attend the One day National level seminar on "Emerging trends and Innovation challenges in Renewable Energy for development of Smart Cities" conducted by Manakula Vinayagar Institute of Technology on 08th January 2019.

Date : _____ Signature and Seal of the
Place: _____ Sponsoring Authority