



Dr. M.G.R.
EDUCATIONAL AND RESEARCH INSTITUTE
(Deemed to be University)
Maduravoyal, Chennai - 600 095. Tamilnadu, India.
(An ISO 9001-2015 Certified Institution)



MGR ASSOCIATION FOR GREAT INNOVATIVE CREATORS

Department of Electronics and Communication Engineering

Event Title	FDP on "Recent trends in Modern Smart Intelligent Systems"		
Objective of Event	To deliver focuses on emerging technologies like Internet of Things, Machine Learning and Artificial Intelligence.technologies.This FDP incorporate various architectures, techniques, algorithms of IoT, ML and		
Chief Guest /Speaker Details	Dr. Sabitha Ramakrishnan, Associate Professor(E&I), MIT Chennai. Dr.K. Renganathan, Professor and Head/ EIE, Sri Sairam Engineering		
Date	08/05/2023 to 13/05/2023	Time	10.00 AM to 04.00 PM
Venue	Seminar Hall	No. of Participants	50

REPORT

TITLE

Recent trends in Modern Smart Intelligent Systems

CONTENT

The Department of ECE conducted six days FDP program on Communication & Computation from 8.5.23 to 13.5.23 organized by Dr.V.Manonmai–Professor/ECE and Dr. G. Kavitha - AP/ECE. The Programme was held at Seminar Hall, Anna Block, University Main Campus. with more than 50 participants from various institutions. Dr. U.Jayalatsumi, HOD-ECE welcomed the Speaker on the inaugural day and addressed the participants. Dr.V.Cyril Raj, Addl.Registrar addressed the gathering about the importance of conducting FDP. Dr.N.Ethiraj, Dean(E & T) and Dr.N.Kanya, Addl.Dean(E & T) had briefed the emerging technologies which were included in the FDP.

The following were the topics covered

Day 1 (8-5-23)

Dr.Sabitha Ramakrishnan, Associate Professor (E & I), MIT has illustrated the significance of the Internet of Things in Industrial applications. The Speaker introduction was given by Mrs.S.Elakkiya Asst.Prof/ECE

Day 2 (9-5-23)

Dr.K.Renganathan, Professor and Head (E & I), Sri Sai Ram Engg College– Chennai demonstrated the intricacies of Modeling and estimation techniques for fault diagnosis and fault tolerant control of systems using Petrinets. The speaker introduction was



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given by Dr. G. Kavitha, Asst.Prof/ECE

Day 3 (10-5-23)

Dr.S.Sendhilkumar, Associate Professor(IST), CEG-Anna University-Chennai addressed the participants on Machine Learning for IoT applications with many real-time examples. The speaker introduction was given by Mrs. V. Menaka, Asst.Prof/ECE

Day 4 (11-5-23)

Dr.N.M.Masoodhu Banu, Professor and Head (Biomedical Engineering), Vel Tech University, Avadi substantiated the need for Smart Intelligent Systems for Health Care Applications. The Speaker introduction was given by Mrs. V. Menaka, Asst.Prof/ECE

Day 5 (12-5-23)

Mr.P.L. Joseph Raj, NLP Practitioner elaborated on Neuro Linguistic Programming in an interesting manner with activities for the participants. Speaker introduction was given by Dr.Priya Stalin –Prof/ECE

Day 6 (13-5-23)

Dr.R.Rani Hemamalini, Professor and Head (EEE), briefed the Smart and Sustainable Energy Systems. Speaker introduction was given by Dr.S.Deborah –AP/ECE

The Six days FDP on both communication & computation streams with eminent speakers across the globe was really innovative and thought-provoking. The participants were from Saveetha Engg College, Sri Venkateswara College of Engg & Tech, SKR Engg College, and Kings Engg College. The event ended with a vote of thanks by Dr.K.Sudhaman. Asso.Prof /ECE. We would like to thank our Honourable President for the constant support and encouragement and thank all the executives for the support and motivation to conduct the event.





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EVENT OUTCOME

The eminent speaker from Anna university & MIT college and knowledge about emerging technologies like Internet of Things, Machine Learning and Artificial Intelligence were shared.

PHOTOS

Dr. Manonmani/ Dr. Kavaitha,