



ADITYA COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu)

Madanapalle -517325, Chittoor Dist., A.P. www.acem.ac.in

Hands on Industrial Workshop Report on “Data Access of Industrial Multi-function Meter”

Title of the Program	Hands on Industrial Workshop
Date of the Program	25-09-2023 to 26-09-2023
No. Of Days	Two Days
Venue	Seminar Hall
Conducted by	Department of ECE & EEE
Name of the Resource Person & Address	P. Prasad Rao, Director, MCoreta Pvt Ltd, Bengaluru
No. of Participants	151
Description of the program	<p>The course is designed to provide Basic knowledge of Data analytics on the electrical parameters. Electricity consumption is rising due to population growth, climate change, urbanization, and the increasing use of electronic devices. The trend of the Internet of Things has contributed to the creation of devices that promote the thrift and efficient use of electrical energy. Currently, most projects relating to this issue focus solely on monitoring energy consumption without providing relevant parameters or switching on/off electronic devices.</p> <p>The resource person presents in detail the design, construction, and validation of a smart meter with load control aimed at being part of a home energy management system. With its own electronic design, the proposal differs from others in many aspects. Unlike other smart meters with load control, this one not only provides the amount of energy consumption, but rms current and voltage, active, reactive, and apparent power, reactive energy, and power factor—parameters that could be useful for future studies. The students were benefitted by the workshop.</p>

Program Co-Ordinator

Principal

Photographs of the event



Industrial Power Networks

About Instructor

Name	Prasada Rao P
Qualification	B.Tech NIT Warangal
Experience	18 Years
Working at	MCore Tech Academy Pvt. Ltd.
Designation	Director MCore Group of companies
Projects done	150+ Industrial and Utility Projects

Key Projects Handled



GPS Map Camera

Bodevaripalle, Andhra Pradesh, India
 FGWX+VMJ, Bodevaripalle, Andhra Pradesh 517325, India
 Lat 13.496573°
 Long 78.549775°
 25/09/23 02:35 PM GMT +05:30

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(Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuram)
 Pinnaganur Road, Valasapalle(P), Madanapalle-517325

MCoreta Department's of ECE & EEE

A Two Day Hands-on Industrial Workshop on

Data Access of Industrial Multi function Meter

(Base workshop for SCADA and IoT appl.)

DATES : 25.09.2023 & 26.09.2023

Registration Fee
Rs.350/- Per Student

Coordinators

Mr.N.Kishore Kumar
 Mrs.C.K.Hemantha Lakshmi
 Mr.M.Lokesh
 Mrs.J.Praveena

Conveners

Dr.K.V.VaraPrasad, HoD, Dept. of ECE
 Mr.L.VenuGopal Reddy, HoD, Dept. of EEE

Patron
 Dr. K. Sathish Babu
 PRINCIPAL

Industrial Multi function meter
 Comm. Protocols (Modbus-RTU/TCP)
 Communication Network creation
 Data accessing software
 Ethernet port comm. with PC

Chief-Patron
 Dr.S.Ramalinga Reddy
 DIRECTOR

www.acem.ac.in

GPS Map Camera

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 FGWX+VMJ, Bodevaripalle, Andhra Pradesh 517325, India
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 Long 78.549759°
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