



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(An UGC Autonomous Institution. Affiliated to JNTUHH, Hyderabad Accredited 2<sup>nd</sup> time by NAAC  
with 'A' Grade & NBA and Recipient of World Bank Assistance under TEQIP-II S.C. 1.1)  
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,  
Telangana State – 500100  
www.mrec.ac.in

## Department of Electrical and Electronics Engineering

### CIRCULAR

Date: 24.12.2016

All the students are hereby informed that Value Added Course on PLC & SCADA and its Applications from 3<sup>rd</sup> Jan – 7<sup>th</sup> Jan 2017 is being organized by the Electrical and Electronics Engineering . The resource person for the course is **P Raju Kumar, Associate Professor, MLR Institute of Technology**. Students are advised to register their names to the Programme Mr. T Suman, EEE Associate professor, EEE on or before 01.01.2017 and utilize this opportunity to enhance their skills by attending the Programme.

The detailed schedule of the programme will be displayed in the notice board.

**Head of the Department**

Copy to:

- 1) Circulation in Students classroom
- 2) All HOD's
- 3) Notice Boards
- 4) PA to principal for filing.

*Raju*  
PRINCIPAL  
Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500 100

## About the Institution

Malla Reddy Engineering College (Autonomous) is one of the reputed engineering colleges in Hyderabad, Telangana. MREC (A) is part of Malla Reddy Group of Institutions (MRGI), founded by Sri. Ch. Malla Reddy, The college is situated in a serene, lush green environment in Maisammaguda, Gundlapochampally, Medchal(M), Medchal-Malkajgiri District Telangana- 500100.

The college was established in 2002 and is an autonomous institution approved by UGC and affiliated to JNTUH. The college is re-accredited by NAAC with 'A' Grade (II Cycle) and was conferred autonomous status by JNTUH in 2011 and by UGC in 2014 for a period of 6 years. Our eligible UG and PG programs received NBA accreditation and some of them received reaccreditation too. The college caters to wide ranging aspirations and goals of student communities by offering new courses in UG courses provides PG courses and MBA along with programs in various streams of Engineering & Technology and Management. It boasts of world-class infrastructure and well-equipped laboratories in all departments and is skillfully and smartly guided by Dr. A. Ramaswami Reddy, Director, MREC (A) and Dr.S.Sudhakara Reddy, Principal, MREC (A) who have a rich teaching and industrial experience.

## Advisory Committee

**Chief Patrons:** Sri. Ch. Malla Reddy,  
Minister- Telangana State-India.  
Founder Chairman

**Malla Reddy Group of Institutions Patrons:** Sri.Ch. Mahender Reddy  
Secretary, MRGI

**Dr.Ch.Bhadra Reddy**  
President, MRGI

**Co-Patrons: Dr. S.Sudhakara Reddy**  
Principal, MREC (A)

**Convener: Dr. M. Lakshmi Swarupa**  
HOD EEE

**Coordinator:** Mr. T Suman, EEE  
Associate professor

**Resource Person: P Raju Kumar,**  
Associate Professor,  
MLR Institute of Technology.

## Organizing Committee:

Dr.N.Rajeswaran, EEE  
Dr. S. Arumugam, EEE  
Dr. M. Lakshmi Swarupa, EEE  
Mr. T Suman, EEE  
Mr. P.Kamalakar, EEE  
Mrs. Y. Sudha Reddy, EEE  
Mrs. S. Bharathi, EEE  
Mr. K. Shyam Satya Naga Teja, EEE  
Mr. Ch.Narendra Kumar, EEE  
Mr. V.Ganesh Kumar, EEE  
Mr. D Ramesh, EEE  
Mrs.K.Anitha Reddy, EEE

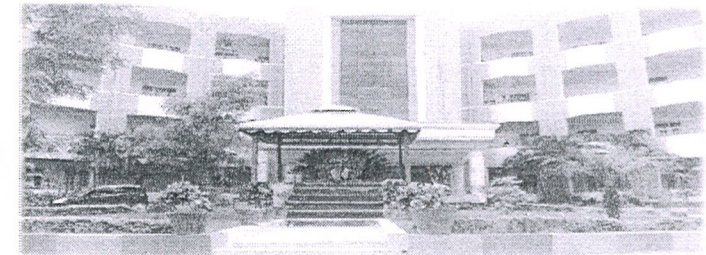


*A Five Day Skill development Course (Value added Course)*

*On*

**“PLC & SCADA and its Applications”**

**(3<sup>rd</sup> Jan – 7<sup>th</sup> Jan 2017)**



*Organized by*  
**Department of**

**Electrical and Electronics Engineering,**  
**MALLA REDDY ENGINEERING COLLEGE**  
(AUTONOMOUS) MAIN CAMPUS

An UGC Autonomous Institution, Approved by  
AICTE & Affiliated to JNTUH-Hyderabad  
Reaccredited by NAAC with 'A' Grade (II Cycle)  
**Maisammaguda(H), Gundlapochampally (V),**  
Medchal (M), Medchal - Malkajgiri District  
Telangana - 500100, India.

*Ramesh*  
**PRINCIPAL**  
**Malla Reddy Engineering College**  
**(Autonomous)**  
**Maisammaguda, Dhulapally,**  
**(Post Via Kompally), Sec'bad-500100**

## Registration Form

Name of the Participant:-----  
-----

Branch&Year:-----

Name of Institution:-----  
-----

Address for Communication:-----  
-----  
-----

Mobile Number:-----

E-Mail ID:-----

### DECLARATION:

The information furnished above is true to the best of my Knowledge.

Place:

Date:

Signature of Applicant

## About the Department

The Department Electrical and Electronics Engineering, has been established since the inception of the institution in the year 2002. The Department has good infrastructure facilities and is equipped with full-fledged laboratories to fulfil the curriculum needs. The Department has well experienced faculty. Around one-third of the faculty members in the department are Doctorate. The department has good number of sanctioned projects, funded by different agencies/industries. The Department is intended to be allotted a Research Centre by JNTU Hyderabad.

## Overview of the Programme

The primary responsibility of faculty is not only to inspire students towards a higher vision but also create a strong sense of bonding between the institution and the students to nurture a stress-free holistic environment. To enhance the quality of life for the student members enabling them to introspect and learn techniques that imbibe ethics & morals and help prepare students for active and successful participation in a modern society, producing individuals of high character, probity and honor.

Proposed course helps for an integral aspect of designing and material selection is the use of mechanical properties derived from various mechanical testing its relation with the properties derived from various mechanical testing's, namely, tensile, compressive,

## Objectives of the Programme

- To use the techniques, skills and modern engineering tools necessary for engineering.
- Elements required for designing a transformer.
- Ability to communicate effectively the electrical properties of materials.

## Certificate

After successful completion of the course the certificates shall be issued to the participants.

*Ravi*  
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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

**Department of Electrical and Electronics Engineering**  
Value Added Course  
on  
**“PLC & SCADA and its Applications”**  
(3<sup>rd</sup> Jan – 7<sup>th</sup> Jan2017)  
Programme Schedule

Date	Time	Topic	Resource Person
03/01/2017 to 07/01/2017	9:30 – 11.00AM	Introduction to PLC & SCADA	P. Raju Kumar
	11:00 -11:15AM	Tea Break	----
	11.15 – 12:45 PM	Discussion on its applications	P. Raju Kumar
	12:45 – 1:30PM	Lunch	-----
	1:30 – 2:30 PM	Hands on session PLC & SCADA	P. Raju Kumar
	2:30 – 2:45PM	Tea Break	-----
	2:45 -4:00 PM	Overall Presentation on SCADA	P. Raju Kumar

*Rajud*  
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Maisammaguda (H), Medchal-Malkajgiri District, Telangana State – 500100

Department: *EEE*

Course : *B.Tech*

Date: *3/1/2017 to 7/1/2017*

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING**

List of Students Enrolled for Value Added Course

Academic Year 2016-2017

Name of the Value Added Course : *PLC & SCADA and its Applications*

Sl.No.	Roll No.	Name of the Student	Year/Semester
1	13J41A0201	ADHE PRASHANTH	IV/II
2	13J41A0203	ALLENKI SANDEEP KUMAR	IV/II
3	13J41A0204	ANTHAM BALAKRISHNA	IV/II
4	13J41A0205	ARNGARI SHANKAR	IV/II
5	13J41A0209	B VINAY KUMAR	IV/II
6	13J41A0210	BANGALA SAIKIRAN	IV/II
7	13J41A0211	BACHALAKURA DHEERAJA DEVI	IV/II
8	13J41A0214	BUGADE SAMARTH BALAJI	IV/II
9	13J41A0215	CHILAKA VENUGOPAL REDDY	IV/II
10	13J41A0216	CHIMALA VIDYA PAVANI	IV/II
11	13J41A0217	G SAI PRATAP VERMA	IV/II
12	13J41A0227	JAWAJI MANOJ	IV/II
13	13J41A0228	K UMA SAHITHI	IV/II
14	13J41A0229	KODEM SAI KUMAR	IV/II
15	13J41A0230	KOLLURI MAHESH	IV/II
16	13J41A0231	KOLLURI SATHISH KUMAR	IV/II
17	13J41A0232	KUMAR JITENDRA	IV/II
18	13J41A0233	M V KARTHIK MANI KUMAR	IV/II
19	13J41A0241	MULA SAI KIRAN REDDY	IV/II
20	13J41A0242	MURARISHETTI NIKHIL	IV/II
21	13J41A0243	MURIKIPUDI CHANAKYA SAI	IV/II
22	13J41A0249	POLURI PRASHANTH	IV/II


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23	13J41A0250	POSANPALLY HARITHA	IV/II
24	13J41A0255	S KARUN SUBBA RAO	IV/II
25	13J41A0256	SIVAREDDY SATYANARAYANA	IV/II
26	13J41A0257	THOKALA DEVENDAR	IV/II
27	13J41A0258	V KARTHIC KUMAR	IV/II
28	13J41A0264	ALLE VINAY KUMAR	IV/II
29	13J41A0265	ANAGANI PRADEEP KUMAR	IV/II
30	13J41A0266	ANGURU MANOJ KUMAR	IV/II
31	13J41A0267	BADAVATH RAVINDER	IV/II
32	13J41A0268	BOLLAM RAVIKUMAR	IV/II
33	13J41A0269	BUSA SRINADH	IV/II
34	13J41A0270	CHINTHAPANDU SHIVAJI	IV/II
35	13J41A0271	DASARI AKHILA REDDY	IV/II
36	13J41A0272	DEGA SAIKALYAN	IV/II
37	13J41A0279	JUTLA PRAVEEN KUMAR	IV/II
38	13J41A0280	KAMBHAMPATI PHANEENDHAR	IV/II
39	13J41A0281	KANA THARUN KUMAR REDDY	IV/II
40	13J41A0282	KANAPARTHI SREELAKSHMI	IV/II
41	13J41A0283	KANDHI KIRANKUMAR	IV/II
42	13J41A0284	KANDREGULA MOUNIKA	IV/II
43	13J41A0290	KOMMURI KEERTHI PRIYA	IV/II
44	13J41A0291	KORNIBELLY M K V MANOHAR RAO	IV/II
45	13J41A0292	KOREKKA BHARGAVI	IV/II
46	13J41A0293	LASMAYAGARU NAGA RAJU	IV/II
47	13J41A0294	MADUPU PRIYA	IV/II
48	13J41A0295	MARINGANTI MEDHAMSH ROY	IV/II
49	13J41A0296	MAVURAM DEEPTHI	IV/II
50	14J45A0204	GAJULA CHENDRA SHEKAR	IV/II
51	14J45A0205	CHATUPURAM SRIKANTH	IV/II
52	14J45A0206	VURITI STHANAKA BABU	IV/II

  
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53	14J45A0211	GARELA NARESH	IV/II
54	14J45A0212	MITTAPALLI RAMAKRISHNA	IV/II
55	14J45A0213	ERROJULA KISHORE	IV/II
56	14J45A0214	BOMMA SAVITHA SRI	IV/II
57	14J45A0218	RAMAVATH GNANENDER	IV/II
58	14J45A0219	VANKUDOTH RAMESH	IV/II
59	14J45A0220	GADE SHIVA KUMAR	IV/II
60	14J45A0221	KOTA ANAND	IV/II
61	14J45A0224	MEENIGA KISHORE	IV/II
62	14J45A0221	KOTA ANAND	IV/II

  
HoD/EEE

  
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Telangana State – 500100, [www.mrec.ac.in](http://www.mrec.ac.in)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 07.01.2017

**Report of Value Added Course on PLC & SCADA and its Applications**

A five days Value Added Course on PLC & SCADA and its Applications was organized by the department of Electrical and Electronics Engineering and the event was coordinated by Mr. T Suman , Assoc. Professor, EEE Department from 03<sup>rd</sup> Jan. to 07<sup>th</sup> Jan. 2017 and 62 students are attended from III and IV year / II Sem. The resource person of the training programme was Mr. P. Raju Kumar, Assoc. Professor, EEE Department, MLR Institute of Technology. The participants are trained in the field of PLC & SCADA and its Engineering applications. It gave the conceptual level of knowledge to industry standards. This course is further focused on,

- PLCs receive information from connected sensors or input devices, process the data, and triggers outputs based on pre-programmed parameters.
- They were initially developed in the automobile manufacturing industry to provide heavy duty, programmable controllers to replace hard-wired relays, timers and sequencers.
- PLCs are also used to function as real-time systems, since output results must be produced in response to input conditions within a limited time, for continuous proper operations.
- Supervisory Control and Data Acquisition (SCADA) is monitoring software used to control the PLC and record data, even from remote locations.
- SCADA systems use computers, networked data communications and graphical user interfaces for high-level process supervisory management by relying on PLC's and discrete PID controllers to interface with the process plant or machinery.
- SCADA systems are managed by an operator using an operator interface which allows the individual to monitor and the issue process commands through the SCADA computer system.

*Rawat*  
**PRINCIPAL**  
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(Post Via Kompally), Sec'bad-500 100

*M. Suman*  
**HOD EEE**





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(Autonomous)

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## Certificate of Completion

*This is to certify that Mrs./Ms./Mr. ADHE PRASHANTH bearing Roll Number 13J41A0201 has successfully completed Value added Course in "PLC & SCADA and its Applications" Organized by the Department of Electrical and Electronics Engineering from 3/1/2017 to 7/1/2017.*

Coordinator

PRINCIPAL

Malla Reddy Engineering College  
(Autonomous)  
Maisammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500 100

HOD-EEE

Principal



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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## Certificate of Completion

*This is to certify that Mrs./Ms./Mr. ANTHAM BALAKRISHNA bearing Roll Number 13J41A0204 has successfully completed Value added Course in "PLC & SCADA and its Applications" Organized by the Department of Electrical and Electronics Engineering from 3/1/2017 to 7/1/2017.*

*Ravind*  
PRINCIPAL

Malla Reddy Engineering College  
(Autonomous)

Malsammaguda, Dhulapally,  
(Post Via Kompally), Sec'bad-500 100

*[Signature]*

Coordinator

*[Signature]*  
HOD-EEE

*[Signature]*

Principal



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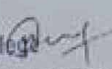
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. B VINAYKUMAR bearing Roll Number 13J41A0209 has successfully completed Value added Course in "PLC & SCADA and its Applications" Organized by the Department of Electrical and Electronics Engineering from 3/1/2017 to 7/1/2017.*

  
Coordinator

  
PRINCIPAL  
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HOD-EEE

  
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## Certificate of Completion

*This is to certify that Mrs./Ms./Mr. ARNGARI SHANKAR bearing Roll Number 13J41A0205 has successfully completed Value added Course in "PLC & SCADA and its Applications" Organized by the Department of Electrical and Electronics Engineering from 3/1/2017 to 7/1/2017.*

*Ravi*  
PRINCIPAL

Malla Reddy Engineering College  
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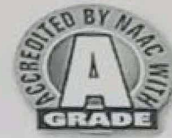
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Coordinator

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*[Signature]*

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. ALLENKI SANDEEP KUMAR bearing Roll Number 13J41A0203 has successfully completed Value added Course in "PLC & SCADA and its Applications" Organized by the Department of Electrical and Electronics Engineering from 3/1/2017 to 7/1/2017.*

*Ram*  
PRINCIPAL

Malla Reddy Engineering College  
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(Post via Kompally), Secunderabad-500 100

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Coordinator

*[Signature]*

HOD-EEE

*[Signature]*

Principal