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Department of Electrical and Electronics Engineering

CIRCULAR

Date: 09.07.2017

All the students are hereby informed that Value Added Course on Power System tools by using BLUESOL Software from 17th – 22nd July 2017 is being organized by the Electrical and Electronics Engineering . The resource person for the course is Mr. CH. Bhanu Swamy, Project Engineer. Students are advised to register their names to the Programme Mr.K.Ramesh Assistant Professor, EEE on or before 15.07.2017 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.


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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 Honourable Sri. Ch. Malla Reddy, M.P, Govt. of Telangana State. 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. 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.Maheswari

HOD EEE

Coordinator:Mr.K.Ramesh

Assistant Professor, EEE

Resource Person 1:Mr. CH.Bhanu Swamy,

Project Engineer,

Organizing Committee:

Dr.N.Rajeswaran, Professor, EEE

Dr.S.Arumugam,Professor, EEE

Dr.M.Lakshmi Swarupa, Professor, EEE

Mr. T Suman, Assoc. Professor, EEE

Mr.P. Kamalakar, Assoc. Professor, EEE

Mr. T. Sanjeeva Rao,Assoc. Professor, EEE

Mr.Ch NarendraKumar,Assoc. Professor, EEE

Mr.V.Ganesh Kumar, Assoc. Professor, EEE

Mr. D.Ramesh, Asst.Prof, EEE

Mrs.K. Anitha Reddy,Asst.Prof, EEE

Mrs.S. Bharathi, Asst.Prof, EEE

Mr.KSS Naga Teja,Asst.Prof, EEE

Mrs.Y. Sudha, Asst.Prof, EEE

Mr. P.Ganesh, Asst.Prof, EEE

Mrs.K.Chetaswi,Asst.Prof, EEE

Mr.Madhu Mohan Reddy A,Asst.Prof, EEE

Mrs.V.Suma Deepthi,Asst.Prof, EEE

Mrs.V.Sunanda Kumari,Asst.Prof, EEE

Mrs.K Neelima Praveena,Asst.Prof, EEE

M. V. Ramani Sudha,Asst.Prof, EEE

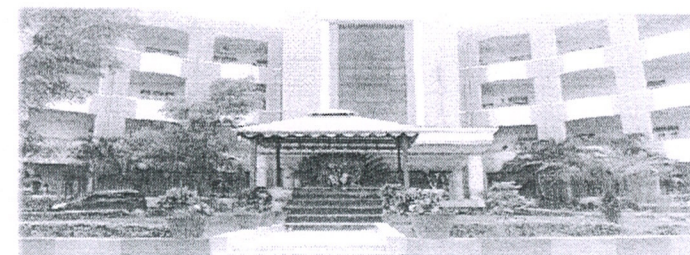


A One-Week Value added Course

On

"Power System tools by using BLUESOL Software"

(17th–22nd July 2017)



Ramesh

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Organized by

Department of

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

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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.

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 of 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 for the design of photovoltaic systems in every country in the world. It allows you to perform the entire process of designing a PV system, from the preliminary assessment of energy generation to the production of final system documentation.

Objectives of the Programme

- To use the techniques, skills and modern engineering tools necessary for engineering.
- To function on multi-disciplinary teams in the area of power systems, power electronics.
- Understanding the design of equipment using Bluesol easily.
- Ability to communicate effectively on the software tools.

Topics to be covered

- ❖ BlueSol Design simulation modules
- ❖ Batteries, inverter/chargers, cables
- ❖ Electrical components Compressive testing
- ❖ Design of photovoltaic plants

Certificate

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

Outcome of the program

After completing the Course, Design can be done on system components using Bluesol software. Able to calculate Far shading and near shading loss calculation and Use of PV energy produced and Consumption coverage.

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Value Added Course

on

“Power System tools by using BLUESOL software”

July 17th – 22nd July 2017

Programme Schedule

Date	Time	Topic	Resource Person
17-07-2017	10:10–11.00AM	Introduction	Mr. CH.Bhanu Swamy
	11:00 -11:15AM	Tea Break	
	11.15–12:45 PM	Applications of power system tools for different softwares.	
	12:45–1:30PM	Lunch	
	1:30–2:30 PM	Introduction to BLUESOL Software	
	2:30–2:45PM	Tea Break	
	2:45 -4:00 PM	Different commands used in software	
18-07-2017	9:30–11.00AM	Design using software	Mr. CH.Bhanu Swamy
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Design using software	
	12:45–1:30PM	Lunch	
	1:30–2:30 PM	BlueSol Design simulates all system components: inverters, panels.	
	2:30–2:45PM	Tea Break	
	2:45 -4:00 PM	BlueSol Design simulation modules, batteries, inverter/chargers, cables, electrical components	
19-07-2017	9:30–11.00AM	BlueSol Design simulation modules, batteries, inverter/chargers, cables, electrical components	Mr. CH.Bhanu Swamy
	11:00 -11:15AM	Tea Break	
	11.15–12:45 PM	BlueSol Design simulation modules, batteries, inverter/chargers, cables, electrical components	
	12:45–1:30PM	Lunch	
	1:30–2:30 PM	Design of Photovoltaic systems	

Review
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	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Design of photovoltaic plants, assisting the user in all stages of design, starting with the dimensioning of the system to get to the realization of the documentation.	
20-07-2017	9:30 – 11.00AM	Stand-Alone systems	Mr. CH.Bhanu Swamy
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Grid connected systems with AC-coupled battery storage	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Grid connected systems with DC-coupled battery storage	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Grid connected systems with AC-coupled battery storage with different operating conditions	
21-07-2017	9:30 – 11.00AM	Grid connected systems with AC-coupled battery storage with different operating conditions	Mr. CH.Bhanu Swamy
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Grid connected systems with DC-coupled battery storage with operating conditions	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Grid connected systems with DC-coupled battery storage with operating conditions	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Design of transformers and motors	
22-07-2017	9:30 – 11.00AM	Design of transformers and motors	Mr. CH.Bhanu Swamy
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Practice session	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Design of transformers and motors	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Practice session	


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S.C. 1.1)

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

Department: EEE

Course : B.Tech

Date: 17/07/2017 to 22/07/20

DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING

**List of Students Enrolled for Value Added Course
Academic Year 2017-2018**

Name of the Value Added Course : Power System tools by using BLUESOL Software

Sl.No.	Roll No.	Name of the Student	Year/Semester
1	14J41A0203	AKENA MANOJKUMAR	III/I
2	14J41A0204	B OMKAR REDDY	III/I
3	14J41A0206	B RAMYA SREE	III/I
4	14J41A0209	BANOTH SAINATH	III/I
5	14J41A0213	D SUBASH	III/I
6	14J41A0214	DAGAM VINAY KUMAR	III/I
7	14J41A0218	EATUKURI MAHESH	III/I
8	14J41A0219	G NIKHITHA	III/I
9	14J41A0224	J V SURESH	III/I
10	14J41A0226	K SAI CHARAN	III/I
11	14J41A0230	KOJGEWAAR SONIYA	III/I
12	14J41A0234	M AKHILA	III/I
13	14J41A0246	RAIKANTI VIJAY	III/I
14	14J41A0254	V JYOTHSNA	III/I
15	14J41A0256	V PRANAY	III/I
16	14J41A0259	YASH TIWARI	III/I
17	14J41A0265	AVOOSALI SWETHA	III/I
18	14J41A0270	CELESTIE GLADYS	III/I
19	14J41A0271	CH AKASH	III/I
20	14J41A0274	D ANUDEEP	III/I
21	14J41A0279	GAINI SRIKANTH	III/I
22	14J41A0282	J MANASA	III/I
23	14J41A0289	KALLURI KARTHIK	III/I
24	14J41A0297	MAMIDI BHAVYA	III/I
25	14J41A0298	MANDHA AKHIL	III/I
26	14J41A02A1	N GANESH	III/I
27	14J41A02A4	PENTI VENKATESH	III/I
28	14J41A02B2	T YADAGIRI SIRISHA	III/I
29	14J41A02B6	V B SRI SAI CHANDRA	III/I
30	14J41A02B7	V SRINU	III/I
31	15J41A0205	BODAS NAVEEN	IV/I
32	15J41A0215	GADDA DIVYA	IV/I
33	15J41A0218	GODISELA UHA	IV/I

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34	15J41A0219	GODISHALA RAHUL	IV/I
35	15J41A0225	J DHEERAJ REDDY	IV/I
36	15J41A0226	K BHAVANI	IV/I
37	15J41A0250	SABAVAT LAVANYA	IV/I
38	15J41A0255	SUDIP SARDAR	IV/I
39	15J41A0258	VAGMARE SUSHEEL	IV/I
40	15J41A0259	V MANOGNAREDDY	IV/I

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mrahi
HoD/EEE



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date : 22.07.2017

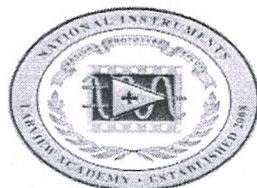
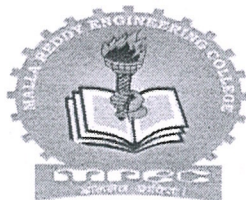
Report of Workshop on Power System Tools by using BLUESOL Software

A five days Workshop on Power System Tools by using BLUESOL Software was organized by the department of Electrical and Electronics Engineering and the event was coordinated by Mr. K. Ramesh, Asst. Professor, EEE Department from 17th July to 22nd July 2017 and 40 students are attended from IV and III years, I Sem. The resource person of the training programme was Mr. Bhanu Swamy, Project Engineer, VB Engineering, Hyderabad. The participants are trained in the field of BLUESOL and its engineering applications. It gave the conceptual level of knowledge to industry standards. This course is further focused on,

- The use of techniques, skills and modern engineering tools necessary for simulation of electrical engineering applications.
- Design and simulation modules using BLUESOL.
- Design of electrical equipments using BLUSOL technologies.
- Improved the ability of effective utility of software tools.
- Designed Photovoltaic plants.


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Completion

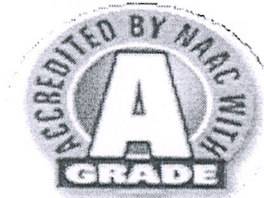
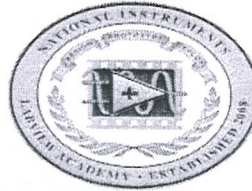
This is to certify that Mrs./Ms./Mr. D SUBASH bearing Roll Number 14J41A0213 has successfully completed Value added Course in "Workshop on Power System tools by using BLUESOL Software" Organized by the Department of Electrical and Electronics Engineering from 17/07/2017 to 22/07/2017

Ravi
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(Via Kompally), Sec'bad-500 100

Santhi
Coordinator

M. N. S. Reddy
HOD-EEE

S. S. Reddy
Principal



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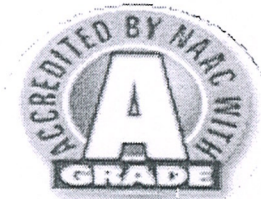
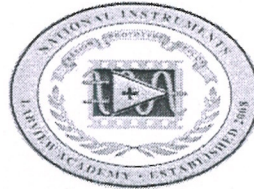
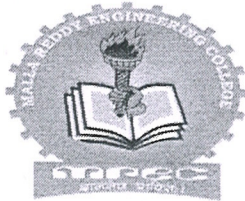
This is to certify that Mrs./Ms./Mr. AKENA MANOJKUMAR bearing Roll Number 14J41A0203 has successfully completed Value added Course in "Workshop on Power System tools by using BLUESOL Software" Organized by the Department of Electrical and Electronics Engineering from 17/07/2017 to 22/07/2017

123 Certificates
Coordinator

Randh
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HOD-EEE

[Signature]
Principal



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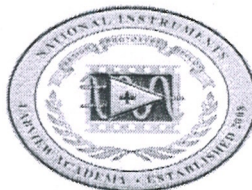
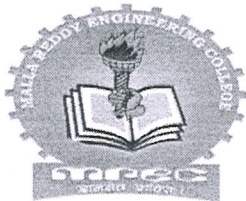
Certificate of Completion

This is to certify that Mrs./Ms./Mr. B OMKAR REDDY bearing Roll Number 14J41A0204 has successfully completed Value added Course in "Workshop on Power System tools by using BLUESOL Software" Organized by the Department of Electrical and Electronics Engineering from 17/07/2017 to 22/07/2017

Ameth
Coordinator
Malla Reddy Engineering College
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mshah
HOD-EEE

Sh
Principal



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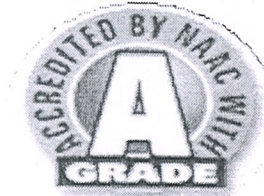
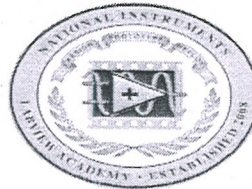
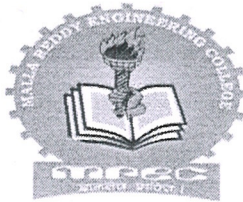
Certificate of Completion

This is to certify that Mrs./Ms./Mr. B RAMYA SREE bearing Roll Number 14J41A0206 has successfully completed Value added Course in "Workshop on Power System tools by using BLUESOL Software" Organized by the Department of Electrical and Electronics Engineering from 17/07/2017 to 22/07/2017

Ravi
Coordinator

M. Ravi
HOD-EEE

[Signature]
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Certificate of Completion

This is to certify that Mrs./Ms./Mr. BANOTH SAINATH bearing Roll Number 14J41A0209 has successfully completed Value added Course in "Workshop on Power System tools by using BLUESOL Software" Organized by the Department of Electrical and Electronics Engineering from 17/07/2017 to 22/07/2017

Banoth
Coordinator

Ravith
PRINCIPAL
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M. Mahi
HOD-EEE

[Signature]
Principal

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