



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
(An UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH,
Hyderabad). 3rd time Accredited by NAAC with 'A++' Grade,
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100, www.mrec.ac.in

Department of Electrical and Electronics Engineering

ELECTRICAL POWER SYSTEMS

CIRCULAR

Date: 10.04.2023

All the students are hereby informed that Value Added Course on FACTS AND POWER DEVICES from 17th April – 21st April 2023 is being organized by the Electrical and Electronics Engineering. The resource person for the course is Mr. B.Raghunadh, Trainer, Atrite Solutions. Students are advised to register their names with the Programme Coordinator Dr.P.Marimuthu Professor, EEE on or before 16.04.2023 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

Head, Dept. of EEE
Malla Reddy Engineering College (A)
Maisammaguda, Dhulapally,
Secunderabad-500100

Copy to:

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


Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
(Post Via Kompally), Sec-bad-500100.

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, currently Hon'ble Minister, Labor and Employment, Factories, Women and Child Welfare and Skill Development, 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. Institute Offers all branches 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, Principal, MREC (A)** who has 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. A.Ramaswami Reddy**
Principal, MREC(A)

Convener: **Dr.M.Kondalu**
HOD EEE

Coordinator: **Dr.P.Marimuthu**
Professor, EEE

Resource Person : Mr. B.Raghuadh,
Trainer, Atrite Solutions.

Organizing Committee:

Dr.M.Kondalu, Professor, EEE

Dr.T.Rajesh, Professor, EEE

Dr.P.Marimuthu, Professor, EEE

Mr.P. Kamalakar, Assoc. Professor, EEE

Mr. Dr. P Sarala., Assoc. Professor, EEE

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

Mr. C Rami Reddy, Asst.Prof, EEE

Mrs.MdPraveen, Asst.Prof, EEE

Mrs.S.Bharathi, Asst.Prof, EEE

Mr.KSS Naga Teja, Asst.Prof, EEE

Mr.P.Ganesh, Asst.Prof, EEE

Mr.G.Venu, Asst.Prof, EEE

Mrs.V.Sumadeepthi, Asst.Prof, EEE

Mrs D Chandrashekar, Asst.Prof, EEE


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*A Value added Course
On*

"FACTS AND POWER DEVICES"

(17th April – 21st April 2023)



*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.

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 at MREC has been producing high quality technical manpower needed by industry, R&D organizations, and academic institutions since 2002 with an Intake of 60. The Department also offering PG Program EPS The department UG Program was accredited by NBA in 2008 and Re-accredited in 2014.

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 faculty members enabling them to introspect and learn techniques that imbibe ethics & morals in their teaching and help pre-prepare students for active and successful participation in a modern society, producing individuals of high character, probity and honor.

Proposed FDP is helping to imbibe the skills and competencies required to achieve goals directed by values, to maintain and enhance faculty effectiveness by inculcating dynamism and leadership qualities and to develop commitment and ethical approach towards work, and instill a sense of responsibility towards the institution. Also to enhance communication and soft skills, by introducing innovative teaching methodologies and developing an inter-personal connection with students. To achieve this goal, Art of Living foundation is conducting this workshop through ATAL.

Objectives of the Programme:

The course introduces the fundamentals of FACTS Controllers, Importance of controllable parameters and types of FACTS controllers & their benefits.

Topics to be covered:


- ❖ FactsConcept
- ❖ VoltageSourceConverters
- ❖ Unified Power Flow Controller

Test and Certificate:

A test will be conducted at the end of the program and the certificates shall be issued to those participants

Outcome of the Program:

After completing the Course, Analyze the importance of controllable parameters and basic concepts of FACTS controllers.


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Department of Electrical and Electronics Engineering

ELECTRICAL POWER SYSTEMS

Value Added Course
on
“FACTS AND POWER DEVICES”
17th April – 21st April 2023

Programme Schedule

Date	Time	Topic	Resource Person
17-04-2023	9:30 – 4.00PM	The importance of controllable parameters and basic concepts of FACTS controllers	Mr. B.Raghunadh
18-04-2023	9:30 – 4.00PM	The concepts of Voltage source converters and Current Source Converters.	Mr. B.Raghunadh
19-04-2023	9:30 – 4.00PM	The static shunt compensation by using different VAR generators.	Mr. B.Raghunadh
20-04-2023	9:30 – 4.00PM	The control circuits of Shunt Controllers like SVC & STATCOM for various functions.	Mr. B.Raghunadh
21-04-2023	9:30 – 4.00PM	The Power and control circuits of Series Controllers GCSC, TSSC and TCSC.	Mr. B.Raghunadh


HoD
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Telangana State – 500100, www.mrec.ac.in

Department: EEE

Course : M.Tech

Date: 17/04/2023 to
21/04/2023

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING
ELECTRICAL POWER SYSTEMS**

Academic Year 2022-2023

Value Added Course on

FACTS AND POWER DEVICES

17th April – 21st April 2023

List of Students Enrolled

Sl.No	Roll No	Name	YEAR /SEMESTER
1	21J41D0701	ANNAM SOWMYA	II/II
2	21J41D0702	ARUMULLA NAVEEN	II/II
3	21J41D0703	BALAGANI JHANSI RANI	II/II
4	21J41D0704	BINGI GEETHIKA RANI	II/II
5	21J41D0705	BOEEN ESHWAR	II/II
6	21J41D0706	BOJJA ABHISHALOM SHANTHI VARDHAN	II/II
7	21J41D0707	BOLISHETTY VIVEK VARMA	II/II
8	21J41D0708	CHIRUTHA MAITHILI	II/II
9	21J41D0709	GOURABOINA RAJESH	II/II
10	21J41D0710	JANGAMPALLY VIGNESHWAR GOUD	II/II
11	21J41D0711	KAGITHAPU RAVI CHANDRA	II/II
12	21J41D0712	KOTTOLA AKHIL	II/II
13	21J41D0713	KUMMARI SRAVANI	II/II
14	22J41D0701	CHIDUGU SIRI GOUD	I/II
15	22J41D0702	DASARI NAGENDER BABU	I/II
16	22J41D0703	SUMALATHA T	I/II
17	22J41D0704	VADTHYA RAMU	I/II

HOD

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Department: EEE**Course : M.Tech****Date: 17/04/2023 to
21/04/2023****DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING****ELECTRICAL POWER SYSTEMS**

**Academic Year 2022-2023
Value Added Course on
FACTS AND POWER DEVICES
17th April – 21st April 2023**

List of Students Enrolled and Completed the Course

Sl. No	Roll No	Name	YEAR /SEMESTER	Course completion(Yes/No)
1	21J41D0701	ANNAM SOWMYA	II/I	Yes
2	21J41D0702	ARUMULLA NAVEEN	II/I	Yes
3	21J41D0703	BALAGANI JHANSI RANI	II/I	Yes
4	21J41D0704	BINGI GEETHIKA RANI	II/I	Yes
5	21J41D0705	BOEEN ESHWAR	II/I	Yes
6	21J41D0706	BOJJA ABHISHALOM SHANTHI VARDHAN	II/I	Yes
7	21J41D0707	BOLISHETTY VIVEK VARMA	II/I	Yes
8	21J41D0708	CHIRUTHA MAITHILI	II/I	Yes
9	21J41D0709	GOURABOINA RAJESH	II/I	No
10	21J41D0710	JANGAMPALLY VIGNESHWAR GOUD	II/I	Yes
11	21J41D0711	KAGITHAPU RAVI CHANDRA	II/I	Yes
12	21J41D0712	KOTTOLA AKHIL	II/I	Yes
13	21J41D0713	KUMMARI SRAVANI	II/I	Yes
14	22J41D0701	CHIDUGU SIRI GOUD	I/I	Yes
15	22J41D0702	DASARI NAGENDER BABU	I/I	Yes
16	22J41D0703	SUMALATHA T	I/I	Yes
17	22J41D0704	VADTHYA RAMU	I/I	Yes


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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

ELECTRICAL POWER SYSTEMS

Date: 18.04.2023

Report of Value Added Course FACTS AND POWER DEVICES

A five days Value Added Course on “FACTS AND POWER DEVICES” was organized by the Department of Electrical Power Systems and the event was coordinated by Dr.P.Marimuthu Professor, EEE Department from 14th April – 18th April 2023 and 17 students are attended from M.Tech II year / II Sem and I year/ II Sem. The resource person of the training programme was Mr. B.Raghunadh, Trainer , Atrite Solutions. The participants are trained in the field of Facts Devices and its engineering applications. It gave the conceptual level of knowledge to industry standards. This course is further focused on,

- Analyze the importance of controllable parameters and basic concepts of FACTS controllers
- Apply the concepts of Voltage source converters and Current Source Converters.
- Apply the static shunt compensation by using different VAR generators.
- Interpret the control circuits of Shunt Controllers like SVC & STATCOM for various functions.
- Detect the Power and control circuits of Series Controllers GCSC, TSSC and TCSC.


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Completion

This is to certify that Mrs./Ms./Mr.DASARI NAGENDER BABU bearing Roll Number 22J41D0702 has successfully completed Value added Course in "FACTS AND POWER DEVICES" Organized by the Department of Electrical and Electronics Engineering from 14-04-2023 to 18-04-2023


Coordinator


HOD-EEE


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Completion

This is to certify that Mrs./Ms./Mr. BALAGANI JHANSI RANI bearing Roll Number 21J41D0703 has successfully completed Value added Course in "FACTS AND POWER DEVICES" Organized by the Department of Electrical and Electronics Engineering from 14-04-2023 to 18-04-2023.


Coordinator


HOD-EEE


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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Completion

This is to certify that Mrs./Ms./Mr. CHIRUTHA MAITHILI bearing Roll Number 21J41D0708 has successfully completed Value added Course in "FACTS AND POWER DEVICES" Organized by the Department of Electrical and Electronics Engineering from 14-04-2023 to 18-04-2022


Coordinator


HOD-EEE


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Principal