



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

## Department of Electrical and Electronics Engineering

### CIRCULAR

Date: 23.01.2016

All the students are hereby informed that Value Added Course on **Applications of Rotating Machines in Industries** from Feb1<sup>st</sup> to Mar5<sup>th</sup> 2016 is being organized by the Electrical and Electronics Engineering. The resource person for the course is Mr. O.SRINIVAS, Senior Research Associate, ELPS Labs. Students are advised to register their names to the programme coordinator Mrs.Y.Sudha Reddy on or before 28.01.2016 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.

  
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. 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. S. Sudhakara Reddy, Principal, MREC (A)** who have a rich teaching and industrial experience.

*Ravi*  
**PRINCIPAL**  
**Malla Reddy Engineering College**  
**(Autonomous)**  
**Maisammaguda, Dhulapally,**  
**Medchal (M), Sec'bad-500 100**

## Advisory Committee:

**Chief Patrons:** Sri. Ch. Malla Reddy, Minister- M  
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:** Mr.P.Sankar Babu  
HOD EEE

**Coordinator:** Mrs.Y.Sudha Reddy Assistant  
Professor EEE

## Organizing Committee:

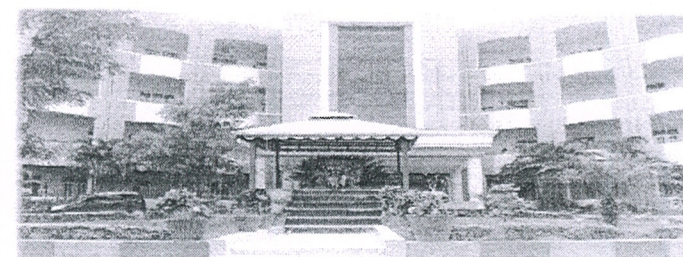
Mr.P.Sankar Babu, Associate Professor, EEE.  
Mrs.M.Lakshmi Swarupa, Assoc Professor, EEE.  
Mr.T.Suman, Assoc. Professor EEE  
Mr.D.Ramesh, Assistant Professor EEE  
Mr.A.Anand Kumar, Assistant Professor EEE  
Mrs.Y.Sudha Reddy Assistant Professor EEE  
Mrs.V.Suma deepthi, Assistant Professor EEE  
Mrs.S.Sama Bharathi Assistant Professor EEE  
Mr.A.Madhu mohan Reddy Asst.Professor EEE  
Ms.K.Chetaswi, Assistant Professor EEE  
Mr.P.Manmadha Reddy, Asst.Professor EEE  
Mr.K.Ramesh, Assistant Professor EEE



*A Value Added Course*  
*On*

“APPLICATIONS OF ROTATING  
MACHINES IN INDUSTRIES”

(1/2/2016 to 5/3/2016)



*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 :-----  
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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:

- 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.
- To develop commitment and ethical approach towards work, and instill a sense of responsibility towards the institution.
- To enhance communication and soft skills of the faculty by introducing innovative teaching methodologies and developing an interpersonal connection with students.

### Topics to be covered:

- ❖ Basics of Rotating Machines
- ❖ How to design different Electrical Machines
- ❖ How to control the speed of the machine

### 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, the faculty and students will :

- Able to design DC machine
- Able to design induction motor
- Able to design synchronous machine with different rotors

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

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Value Added Course

on

“APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES”

1/2/2016 to 5/3/2016

Programme Schedule

Date	Time	Topic	Resource Person
1/2/2016 to 6/2/2016	4:15-5:15PM	Introduction to Rotating machines	Mr. O.SRINIVAS
8/2/2016 to 13/2/2016	4:15-5:15PM	Dc machines and its applications	Mr. O.SRINIVAS
15/2/2016 to 20/2/2016	4:15-5:15PM	Three phase induction machines and its applications	Mr. O.SRINIVAS
22/2/2016 to 27/2/2016	4:15-5:15PM	Single phase induction machines and its applications	Mr. O.SRINIVAS
29/2/2016 to 5/3/2016	4:15-5:15PM	Synchronous machines and its applications	Mr. O.SRINIVAS

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

Department: EEE

Course : B.Tech

Date: 1/2/2016 to 5/3/2016

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING**

List of Students Enrolled for Value Added Course

Academic Year 2015-2016

Name of the Value Added Course : APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES

Sl.No	Roll No	Name	YEAR /SEMESTER
1	13J41A0270	CHINTHAPANDU SHIVAJI	III/II
2	13J41A0271	DASARI AKHILA REDDY	III/II
3	13J41A0272	DEGA SAIKALYAN	III/II
4	13J41A0273	EDIGI SRINIVAS GOUD	III/II
5	13J41A0274	GANDETI SRAVYA	III/II
6	13J41A0275	GODISHELA KRISHNA	III/II
7	13J41A0276	GODISHELA SRIDHAR	III/II
8	13J41A0277	JAKKU MANI KUMAR	III/II
9	13J41A0278	JEEDI PRAVEEN	III/II
10	13J41A0279	JUTLA PRAVEEN KUMAR	III/II
11	13J41A0280	KAMBHAMPATI PHANEENDHAR	III/II
12	13J41A0281	KANA THARUN KUMAR REDDY	III/II
13	13J41A0282	KANAPARTHI SREELAKSHMI	III/II
14	13J41A0283	KANDHI KIRANKUMAR	III/II
15	13J41A0284	KANDREGULA MOUNIKA	III/II
16	13J41A0285	KASU SAIVARSHITHA REDDY	III/II
17	13J41A0286	KASU SREELEKHA	III/II
18	13J41A0287	KERITHI VENKATA RAMANA AKHIL	III/II
19	13J41A0288	KESANAPALLI RAKESH NAIDU	III/II
20	13J41A0289	KODEM DEEKSHITH	III/II
21	13J41A0290	KOMMURI KEERTHI PRIYA	III/II

*Ravish*

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Medchal (H) Kompally, Sec'bad. 500100

22	13J41A0291	KORNIBELLY M K V MANOHAR RAO	III/II
23	13J41A0292	KOREKKA BHARGAVI	III/II
24	13J41A0293	LASMAYAGARU NAGA RAJU	III/II
25	13J41A0294	MADUPU PRIYA	III/II
26	13J41A0295	MARINGANTI MEDHAMSH ROY	III/II
27	13J41A0296	MAVURAM DEEPHI	III/II
28	13J41A0297	MEGHANA UPPUSETTI	III/II
29	13J41A0298	MOHD MINHAJUDDIN	III/II
30	13J41A0299	NANDIGAMA RUPASREE	III/II
31	13J41A02A0	NARRA DEEPAK REDDY	III/II
32	13J41A02A1	NISARG TRIVEDI	III/II
33	13J41A02A2	PAGADALA SAI KIRAN	III/II
34	13J41A02A3	PASHAM SWETHA REDDY	III/II
35	13J41A02A4	PEDDI NAVEEN	III/II
36	13J41A02A5	PODILI VENKATESWAR RAO	III/II
37	13J41A02A6	RACHA DEEPIKA	III/II
38	13J41A02A7	RAVI ANIL	III/II
39	13J41A02A8	RIYA DAS	III/II
40	13J41A02A9	SAINDLA HRUDAYA	III/II
41	13J41A02B0	SAIPA VIKRAMSAI	III/II
42	13J41A02B1	SAMBARA ROHITH	III/II
43	13J41A02B2	SANKABATHULA SAIKUMAR	III/II
44	13J41A02B3	SANTOSH KUMAR SINGH	III/II
45	13J41A02B4	SHAIK SUBAHAN	III/II
46	13J41A02B5	TEJAVATH RAMESH	III/II
47	13J41A02B6	VANAPARTHI AJAY KUMAR	III/II
48	13J41A02B7	VUDDAGIRI KESHAVA PRAKASH	III/II
49	13J41A02B8	RAMIDI SAMBASHIVA REDDY	III/II
50	13J41A02B9	KODURI SANTHOSH	III/II

*Ravi*  
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*Ravi*  
**HOD/EE**





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### DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date : 05.03.2016

#### Report of Value Added Course on APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES

A thirty days Value Added Course on APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES was organized by the department of Electrical and Electronics Engineering and the event was coordinated by Mrs. Y. Sudha, Asst. Professor, EEE Department from 1<sup>st</sup> Feb to 5<sup>th</sup> Mar 2016 and 50 students are attended from III year. The resource person of the training programme was Mr. O.SRINIVAS, Senior Research Associate. The participants are trained in the field of rotating machines in industries and its engineering applications. It gave the conceptual level of knowledge to industry standards.

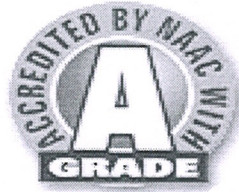
The rotating machinery application represents a mature technology where vibration-based damage detection has made the transition from a research topic to industry practice. Vibration-based damage detection for rotating machinery has been repeatedly applied with success to a variety of machinery elements such as roller bearings and gears

Rotating machinery operating at high voltage may represent a significant crushing, nipping or shock hazard to personnel. Most countries have established occupational safety standards detailing minimum protection requirements, which include machine guards, eye protection and operating procedures.

*Ravinder*  
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*Rag*  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr .CHINTHAPANDU SHIVAJI bearing Roll Number 13J41A0270 has successfully completed Value added Course in "APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES" Organized by the Department of Electrical and Electronics Engineering from 1/2/2016 to 5/3/2016*

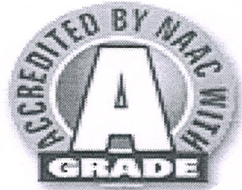
Coordinator

*Principal*  
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HOD-EEE

Principal





# MALLA REDDY ENGINEERING COLLEGE

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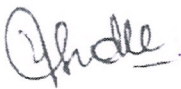
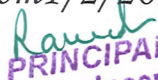
Maisammaguda, Dhulapally (Post via Kompally), Secunderabad-500 100

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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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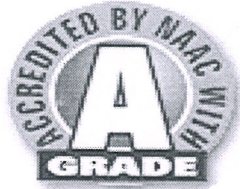
*This is to certify that Mrs./Ms./Mr .DASARI AKHILA REDDY bearing Roll Number 13J41A0271 has successfully completed Value added Course in "APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES" Organized by the Department of Electrical and Electronics Engineering from 1/2/2016 to 5/3/2016*

  
Coordinator  
  
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Principal





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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. DEGA SAIKALYAN bearing Roll Number 13J41A0272 has successfully completed Value added Course in "APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES" Organized by the Department of Electrical and Electronics Engineering from 1/2/2016 to 5/3/2016*

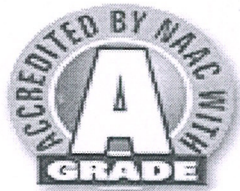
*[Signature]*  
Coordinator

*[Signature]*  
HOD-EEE

*[Signature]*  
Principal

*[Signature]*  
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Post Via Kompally, Sec'bad-500-100





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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr .EDIGI SRINIVAS GOUD bearing Roll Number 13J41A0273 has successfully completed Value added Course in "APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES" Organized by the Department of Electrical and Electronics Engineering from 1/2/2016 to 5/3/2016*

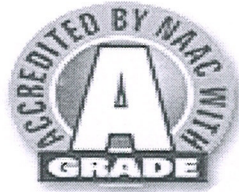
Coordinator

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HOD-EEE

Principal





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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

*This is to certify that Mrs./Ms./Mr. GANDETI SRAVYA bearing Roll Number 13J41A0274 has successfully completed Value added Course in "APPLICATIONS OF ROTATING MACHINES IN INDUSTRIES" Organized by the Department of Electrical and Electronics Engineering from 1/2/2016 to 5/3/2016*

Coordinator

*Ravind*  
PRINCIPAL  
Malla Reddy Engineering College  
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(Post Via Kompally), Sec'bad-500 100

HOD-EEE

Principal