



**MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)**  
(An UGC Autonomous Institution. Affiliated to JNTUH, 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: 01.12.2017

All the students are hereby informed that Value Added Course on Training Course on LABVIEW Module I from 11<sup>th</sup> –15<sup>th</sup> December 2017 is being organized by the Electrical and Electronics Engineering . Mr. Vijay Chander, Software Engineer, NI Instruments. Students are advised to register their names to the Programme Mrs.S.Sunanda Assistant Professor, EEE on or before 09.12.2017 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.

*Raut*  
**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 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:** Mrs.S.Sunanda

Assistant Professor, EEE

**Resource Person 1:** MrMr. Vijay Chander,

Software Engineer,

NI Instruments.

## 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

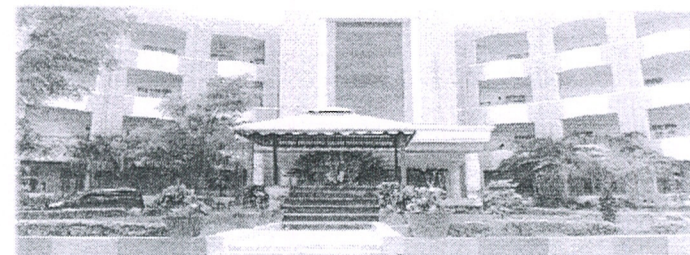


*A Five-Day Value added Course*

*On*

**"Training Course on LABVIEW Module I"**

**(11th –15th December 2017)**



*Ravi*  
**PRINCIPAL**  
**Malla Reddy Engineering College**  
**(Autonomous)**  
**Maisammaguda, Dhulapally,**  
**(Post Via Kompalli), Hyderabad-500100**

**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 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.

To professionalize and train the participants in the field of control system engineering and its applications in various fields. It will give conceptual level of knowledge to industry standards. This course further focuses on:

Facilitating practical session on graphical platform of LabVIEW and MATLAB.

## 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.
- Graphical platform of LabVIEW and MATLAB
- Ability to communicate effectively on the software tools.

## Topics to be covered

- ❖ Modeling in LABVIEW– Design and Implementation
- ❖ Build an Acquire-Analyze-Visualize VI (non-NI hardware)
- ❖ Debugging techniques
- ❖ Manage and display errors

## Certificate

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

## Outcome of the program

After completing the Course, Student will learn how to do simulation and Design with LABVIEW.

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

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Value Added Course

on

“Training Course on LABVIEW Module I”

December 11<sup>th</sup> –December 15<sup>th</sup> 2017

**Programme Schedule**

Date	Time	Topic	Resource Person
11-12-2017	10:10 – 11.00AM	Introduction	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	What is LabVIEW? Common types of LabVIEW applications	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Hardware Overview Connect your hardware	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Validate data Troubleshoot unexpected I/O results	
12-12-2017	9:30 – 11.00AM	First Measurement (Non-NI Instrument)	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	
	11.15 – 12:45 PM	Explore a LabVIEW project Parts of a VI	
	12:45 – 1:30PM	Lunch	
	1:30 – 2:30 PM	Dataflow	
	2:30 – 2:45PM	Tea Break	
	2:45 -4:00 PM	Example code.	
	9:30 – 11.00AM	Create a new project and VI Explore different data types	Mr. Vijay Chander
	11:00 -11:15AM	Tea Break	

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13-12-2017	11.15 – 12:45 PM	Build an Acquire-Analyze-Visualize VI (NI DAQ)	
	12:45 – 1:30PM	<b>Lunch</b>	
	1:30 – 2:30 PM	Build an Acquire-Analyze-Visualize VI (non-NI hardware)	
	2:30 – 2:45PM	<b>Tea Break</b>	
	2:45 -4:00 PM	Correct a broken VI	
14-12-2017	9:30 – 11.00AM	Debugging techniques	Mr. Vijay Chander
	11:00 -11:15AM	<b>Tea Break</b>	
	11.15 – 12:45 PM	Manage and display errors	
	12:45 – 1:30PM	<b>Lunch</b>	
	1:30 – 2:30 PM	Use While Loops and For Loops	
	2:30 – 2:45PM	<b>Tea Break</b>	
2:45 -4:00 PM	Timing a loop Use Loops with Hardware Application Programming Interfaces (APIs)		
15-12-2017	9:30 – 11.00AM	Date Feedback Loops	Mr. Vijay Chander
	11:00 -11:15AM	<b>Tea Break</b>	
	11.15 – 12:45 PM	Groups of data in LabVIEW	
	12:45 – 1:30PM	<b>Lunch</b>	
	1:30 – 2:30 PM	Working with single-channel acquisition data	
	2:30 – 2:45PM	<b>Tea Break</b>	
	2:45 -4:00 PM	Working with multi-channel acquisition data Explore additional array examples	

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II S.C. 1.1)

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

**Department: EEE**

**Course : B.Tech**

**Date: 11/12/2017 to 15/12/2017**

**DEPARTMENT OF ELECTRICAL and ELECTRONICS ENGINEERING**

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

**Name of the Value Added Course : Training Course on LABVIEW Module I**

Sl.No.	Roll No.	Name of the Student	Year/Semester
1	16J41A0201	AEDLA YASHASWI	II/II
2	16J41A0203	BELLAMKONDA SRINIVAS	II/II
3	16J41A0204	BHUKYA AKHILA	II/II
4	16J41A0205	BIJJA SANDEEPKUMAR	II/II
5	16J41A0208	BODDU SRUJAN VAMSHI	II/II
6	16J41A0211	BUDIGE KARTHIK	II/II
7	16J41A0213	C SAISREENADH	II/II
8	16J41A0215	CHITTIMALLA HARI PRIYA	II/II
9	16J41A0218	DOSADA MANOJ REDDY	II/II
10	16J41A0219	G SANJANA	II/II
11	16J41A0222	GUGULOTH RAVI CHANDRA	II/II
12	16J41A0224	IRSHAD ALAM KHAN	II/II
13	16J41A0225	K.BHAGYA LAKSHMI	II/II
14	16J41A0228	KOBBA DIVYA	II/II
15	16J41A0232	KOTTAKONDA SAIRAM	II/II
16	16J41A0233	KUKKALA UDAY	II/II
17	16J41A0236	M VISHAL	II/II
18	16J41A0237	MANGI SRAVANKUMAR	II/II
19	16J41A0240	MD ATIQ	II/II
20	16J41A0242	MOHAMMAD SHAREEF	II/II
21	16J41A0243	MOTHE SRUJAN DEV	II/II
22	16J41A0244	MULKALA DRAVYA	II/II
23	16J41A0246	PATI VINEETH	II/II
24	16J41A0247	PENDAM BHARATH	II/II
25	16J41A0250	SAINDLA SAI KIRAN	II/II
26	16J41A0252	SHAIK ANEEF	II/II
27	16J41A0254	SHIVA PRASAD HOWJI	II/II
28	16J41A0255	TAGARAM VEERESH	II/II
29	16J41A0256	THALLA ARUN	II/II
30	16J41A0257	THAMMINA PALLAVI	II/II
31	16J41A0259	VAKADANI TRIVENI	II/II
32	16J41A0260	VINNAKOTA MADHU MANASA	II/II
33	17J45A0201	BHUKYA UMABHARATHI	II/II

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34	17J45A0202	K SAHARIKA	II/II
35	17J45A0204	NIMMAKAYALA SUJITH	II/II
36	17J45A0206	R.S.V. SAI SATHWIK	II/II
37	17J45A0207	BHASKARA NAVYA	II/II
38	17J45A0208	CHELKALA NIKHITHA	II/II
39	17J45A0211	D NARSIMHULU GOUD	II/II
40	17J45A0212	ADEPU MAHENDER	II/II

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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Date: 15.12.2017

**Report of Value Added Course on Training Course on LABVIEW Module I**

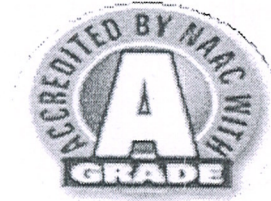
A five days Value Added Course on “Training Course on LABVIEW Module I” was organized by the department of Electrical and Electronics Engineering and the event was coordinated by Mrs. S. Sunanda, Asst. Professor, EEE Department from 11<sup>th</sup> Dec. to 15<sup>th</sup> Dec. 2017 and 40 students are attended from II year / II Sem. The resource person of the training programme was Mr. Vijay Chander, Software Engineer, NI Instruments, Chennai. The participants are trained in the field of LABVIEW 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.
- Modelling in LABVIEW, Design and implementation of electrical applications.
- Debugging Techniques.
- Improved the ability of effective utility of software tools for simulation and design.

*Raush*  
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*M. Sunanda*  
**HOD EEE**





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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### Certificate of Completion

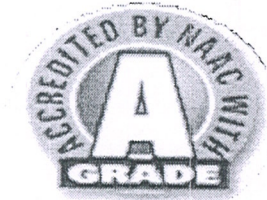
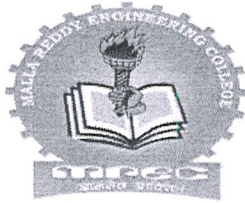
*This is to certify that Mrs./Ms./Mr. AEDLA YASHASWI bearing Roll Number 16J41A0201 has successfully completed Value added Course in "Training Course on LABVIEW Module I" Organized by the Department of Electrical and Electronics Engineering from 11/12/2017 to 15/12/2017*

*Suvanda*  
Coordinator

*Renuka*  
PRINCIPAL  
Malla Reddy Engineering College  
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*[Signature]*  
HOD-EEE

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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. BELLAMKONDA SRINIVAS bearing Roll Number 16J41A0203 has successfully completed Value added Course in "Training Course on LABVIEW Module I" Organized by the Department of Electrical and Electronics Engineering from 11/12/2017 to 15/12/2017*

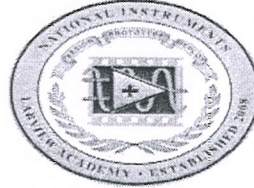
*Suvaranda*

Coordinator

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

*M. Srinivas*  
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*Srinivas*  
Principal



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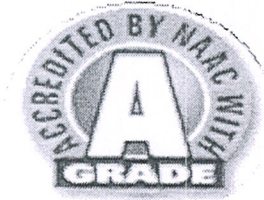
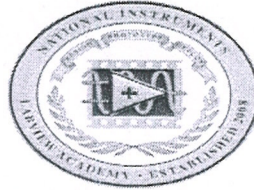
*This is to certify that Mrs./Ms./Mr. BHUKYA AKHILA bearing Roll Number 16J41A0204 has successfully completed Value added Course in "Training Course on LABVIEW Module I" Organized by the Department of Electrical and Electronics Engineering from 11/12/2017 to 15/12/2017*

*Suranda*  
Coordinator

*Randh*  
PRINCIPAL  
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Principal



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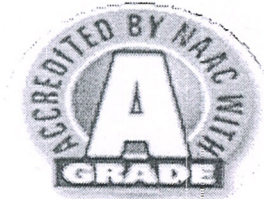
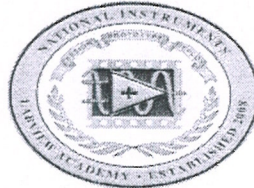
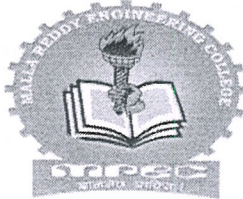
*This is to certify that Mrs./Ms./Mr. BIJJA SANDEEPKUMAR bearing Roll Number 16J41A0205 has successfully completed Value added Course in "Training Course on LABVIEW Module I" Organized by the Department of Electrical and Electronics Engineering from 11/12/2017 to 15/12/2017*

*Suranda*  
Coordinator

*Raut*  
PRINCIPAL  
Malla Reddy Engineering College  
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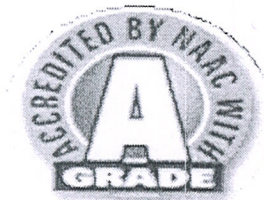
*This is to certify that Mrs./Ms./Mr. BODDU SRUJAN VAMSHI bearing Roll Number 16J41A0208 has successfully completed Value added Course in "Training Course on LABVIEW Module I" Organized by the Department of Electrical and Electronics Engineering from 11/12/2017 to 15/12/2017*

*Sunanda*  
Coordinator

*Ramk*  
PRINCIPAL  
Malla Reddy Engineering College  
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## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

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*This is to certify that Mrs./Ms./Mr. BUDIGE KARTHIK bearing Roll Number 16J41A0211 has successfully completed Value added Course in "Training Course on LABVIEW Module I" Organized by the Department of Electrical and Electronics Engineering from 11/12/2017 to 15/12/2017*

*Sunanda*  
Coordinator

*Ravi*  
PRINCIPAL  
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*mshah*  
HOD-EEE

*[Signature]*  
Principal