



MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)
UGC Autonomous Institution, Approved by AICTE, New Delhi & Affiliated to JNTUH,
Hyderabad). Accredited 2nd time by NAAC with 'A' Grade,
Maisammaguda (H), Medchal-Malkajgiri District, Secunderabad,
Telangana State – 500100, www.mrec.ac.in

Ref/MREC/CE/VCA/2015/01

Department of Civil Engineering

CIRCULAR

Date: 27/01/2015

All the students are hereby informed that Value Added Courses on “TRAINING ON MAT LAB” on date 2nd February to 12th March, is being organized by the Civil engineering department. The resource person for the course is Dr. Srinivas Reddy.

Students are advised to register their names to the Programme coordinator Mr. B. Vamshi Krishna, Assistant Professor on or before Feb 1st and utilize this opportunity to hence their skills by attending the Programme.


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


HOD/CE

Copy to

- 1) Circulation in student classroom
- 2) All HOD'S
- 3) Notice boards
- 4) PA to Principal for filling




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

Advisory Committee:

Chief Patrons: Sri. Ch. Malla Reddy,
Founder Chairman

Malla Reddy Group of Institutions

Patrons: Sri.Ch. Mahender Reddy
Secretary, MRGI

Dr.Ch.Bhadra Reddy
President, MRGI

Co-Patrons: Dr. Sudhakar Reddy
Principal, MREC (A)

Convener: Dr.P.Rajashekar
HOD CIVIL

Coordinator: B.Vamshi Krishna
Assistant Professor, CIVIL

Organizing Committee:

Dr. M. Kameswara Rao, Professor, Civil
Dr.C.Srinivas Gupta, Professor, Civil
Dr.P.Saritha, Associate Professor, Civil
Dr.T.N.Vamsi Krishna, Assoc. Prof., Civil
Dr.G.Suresh, Associate Professor, Civil
E.Rakesh Reddy, Assistant Professor, Civil
A. Naga Saibaba, Assistant Professor, Civil
R. Sumathi, Assistant Professor, Civil
K. Harshada, Assistant Professor, Civil
B. Vamsi Krishna, Assistant Professor, Civil
K. Naga Sujatha, Assistant Professor, Civil
Ch. Sanjeeva Sagar, Assistant Professor, Civil
C.Naga Chaitanya, Assistant Professor, Civil
A. Vinod Reddy, Assistant Professor, Civil



*A Thirty Two Hour Skill development Course
(Value added Course)*

On

*“Training Program on MAT Lab”
(2nd February to 12th March, 2015)*

In Association with



Organized by

Department of Civil 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

Maisammaguda(H), Gundlapochampally (V),

Medchal (M), Medchal - Malkajgiri District

Telangana - 500100, India.

Registration Form:

*A Thirty Two Hour Skill development Course
(Value added Course)*

On

*“Training Program on MAT Lab”
(2nd February to 12th March, 2015)*

1.Name.....

2.Roll No.....

3.Department.....

4.Mailing address.....

5.Mobile.....

6.Email.....

Signature of the Applicant

Date:

Place:

This is to certify that

Mr/Ms.....of.....

**Is sponsored to attend the Value Added
Course**

Signature of the Institution with Seal

Date:

Place:

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), Mechal-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. 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.Sudhakar Reddy, Principal, MREC (A) who have a rich teaching and industrial experience.

About the Department:

The Department of Civil Engineering at MREC has been producing high quality technical manpower needed by industry, R&D organizations, and academic institutions since 2004 with an Intake of 60. The intake has been increased to 120 in the year 2009 and 180 in the year 2014. The Department started offering

M.Tech with two more courses at P.G level-geotechnical engineering and transportation Engineering are being offered from the academic year 2013-2014 with an intake of 24 each. The department was accredited by NBA in the year 2014.

Overview of the Programme:

The primary responsibility of student is not only to study 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 students 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 VAC 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 student effectiveness by inculcating dynamism and leadership qualities.
- To develop commitment and ethical approach towards work, and instill a sense of responsibility towards the companies.
- To enhance communication and soft skills of the students by introducing innovative methodologies and developing an interpersonal connection.

Topics to be covered:

- ❖ Desktop basics
- ❖ Matrices and arrays
- ❖ Array indexing

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 student will itself feel the difference in terms of:

- Enhanced Potential, Fair-mindedness
- Empathetic behavior & Optimistic attitude
- Dynamism, Commitment and Confidence
- Ethical Leadership & Risk taking ability





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

SYLLABUS

“TRAINING PROGRAM ON MATLAB”

The Language of Technical Computing

Millions of engineers and scientists worldwide use MATLAB[®] to analyze and design the systems and products transforming our world. The matrix-based MATLAB language is the world's most natural way to express computational mathematics. Built-in graphics make it easy to visualize and gain insights from data. The desktop environment invites experimentation, exploration, and discovery. These MATLAB tools and capabilities are all rigorously tested and designed to work together.

MATLAB helps you take your ideas beyond the desktop. You can run your analyses on larger data sets, and scale up to clusters and clouds. MATLAB code can be integrated with other languages, enabling you to deploy algorithms and applications within web, enterprise, and production systems.

Tutorials

- **Desktop Basics**

Enter statements at the command line and view results.

- **Matrices and Arrays**

MATLAB operates primarily on arrays and matrices, both in whole and in part. A matrix is a two-dimensional array often used for linear algebra.

- **Array Indexing**

Variables in MATLAB are typically arrays that can hold many numbers. When you want to access selected elements of an array, use indexing.

- **Workspace Variables**

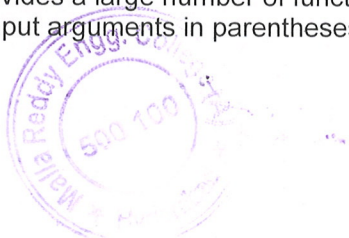
The workspace contains variables that you create within or import into MATLAB from data files or other programs.

- **Text and Characters**

Create string arrays for text, or create character arrays for data.

- **Calling Functions**

MATLAB provides a large number of functions that perform computational tasks. To call a function, enclose its input arguments in parentheses.



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- **2-D and 3-D Plots**

Graphics functions include 2-D and 3-D plotting functions to visualize data and communicate results.

- **Programming and Scripts**

Programming

When you have a sequence of commands to perform repeatedly or that you want to save for future reference, store them in a program file. The simplest type of MATLAB® program is a script, which contains a set of commands exactly as you would type them at the command line. For additional programming flexibility, create functions which accept input and return outputs. When you have specialized data structures or require many functions to interact with special kinds of data, create classes using object-oriented programming techniques.

- **Scripts**

Basic program files

- **Functions**

Programs that accept inputs and return outputs

- **Live Scripts and Functions**

Program files that can include formatted text, images, and output to explain the code

- **Classes**

Create new types of objects to use in MATLAB using object-oriented programming

- **Files and Folders**

File operations, MATLAB search path

- **Programming Utilities**

Evaluate expressions or functions indirectly, obfuscate code, set timers, handle exceptions

•

The simplest type of MATLAB program is called a script. A script contains a sequence of commands and function calls.

- **Help and Documentation**

All functions have supporting documentation that includes examples and describes the function inputs, outputs, and calling syntax.



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VAC ENROLLED LIST
TRANING PROGRAM ON MAT LAB
2nd February to 12th March 2015

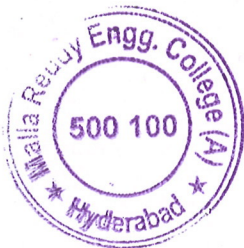
Sl.No	Roll No	Name
1	11J41A0101	ARJA RAM CHARAN
2	11J41A0102	A SURESHGOUD
3	11J41A0103	ABDUL AZAD MOHAMMED
4	11J41A0104	ANJALI KANODIA
5	11J41A0105	ANKANNAGARI ANIL GOUD
6	11J41A0107	BHUKYA PRAVEEN KUMAR
7	11J41A0115	DUBBAKA KARTHIK
8	11J41A0116	EDLA PRASHANTH
9	11J41A0117	GANGARAPU TEJESWARI
10	11J41A0118	GARIPALLY SAIRAM
11	11J41A0119	GOPISHETTY ROHITH
12	11J41A0120	GUGLAVATH SHIVA NAIK
13	11J41A0121	GUNTAKANDLA RAKSHITHA
14	11J41A0122	JANGAM YASWANTH KUMAR
15	11J41A0123	KODIMELA ABHIRAM
16	11J41A0124	KUNAPAREDDY VINESH
17	11J41A0125	KAALUVA SRAVYASRI
18	11J41A0126	KAMINENI ANISH KUMAR
19	11J41A0127	KERADI ANUSHA
20	11J41A0128	KOMMIDI RAGHUVEERA REDDY
21	11J41A0152	RAVIPATI VENKATA VENU GOPAL REDDY
22	11J41A0153	SABBI VAMSI KRISHNA
23	11J41A0154	SANABOYI NARENDRA KUMAR
24	11J41A0155	SUDDALA SRAVAN KUMAR
25	11J41A0156	SURABHI SAITEJA
26	11J41A0157	V PRATHYUSHA
27	11J41A0158	VARALA RAKSHITH VENKATA SUHAS
28	11J41A0163	A PRADEEP KUMAR
29	11J41A0164	AGGU SURESH
30	11J41A0165	AKASH
31	11J41A0166	ALIJALA SWETHA
32	11J41A0167	BADE PRANAV
33	11J41A0168	BACHANABOINA MANJULA
34	11J41A0169	BANOTH MURALI
35	11J41A0170	BONAGIRI ASHRITHA SANTHOSHINI
36	11J41A0171	BONDUGULA ANVESH




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37	11J41A0172	CHALLA NARASIMHA REDDY
38	11J41A0173	CHENNARAM SAIKRISHNA
39	11J41A0174	DWARAMPUDI RAJA SHEKAR REDDY
40	11J41A0175	DASARI SAI SWETHA
41	11J41A01B0	SABBANI VINAY
42	11J41A01B1	SADDI HIMABINDU
43	11J41A01B2	SAI SWAPNIL
44	11J41A01B3	SIRANGI SRIKANTH
45	11J41A01B4	SRIRAMULA SRINATH
46	11J41A01B5	THANNERU AYYAPPA
47	11J41A01B6	THORRIKONDA VENKATESH
48	11J41A01B7	THOTA GOPI CHAND
49	11J41A01B8	PHANENDAR REDDY V
50	11J41A01B9	VEMULA RAVI


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DEPARTMENT OF CIVIL ENGINEERING
ACADEMIC YEAR: 2015-16
SUMMARY REPORT

Value Added course name: Training Program on MAT Lab

Value Added course Instructor: Dr.Srinivas Reddy.

MATLAB helps you take your ideas beyond the desktop. You can run your analyses on larger data sets, and scale up to clusters and clouds. MATLAB code can be integrated with other languages, enabling you to deploy algorithms and applications within web, enterprise, and production systems.



B. V

Co-Ordinator

Blub

HOD



Am
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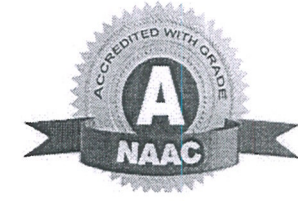


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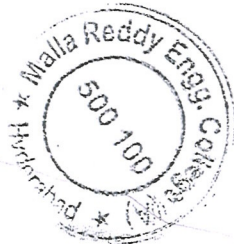
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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ARJA RAM CHARAN bearing Roll No. 14J41A0101 has successfully completed Certificate / Value Added Course / Workshop in Training Program on MATLABS conducted by the Department of Civil Engineering from 2/2/2015 to 12/3/2015

COORDINATOR



HOD

Principal
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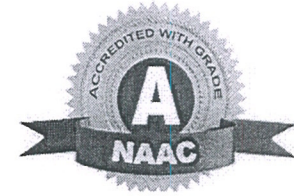


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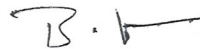
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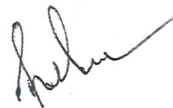
CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. A SURESHGOUD bearing Roll No. 14J41A0102 has successfully completed Certificate / Value Added Course / Workshop in Training Program on MATLABS conducted by the Department of Civil Engineering from 2/2/2015 to 12/3/2015.



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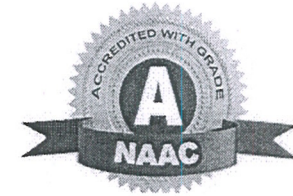


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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ABDUL AZAD MOHAMMED bearing Roll No. 14J41A0103 has successfully completed Certificate / Value Added Course / Workshop in Training Program on MATLABS conducted by the Department of Civil Engineering from 2/2/2015 to 12/3/2015

[Signature]

COORDINATOR



[Signature]

HOD

Raush
Principal
Malla Reddy Engineering College
Maisammaguda, Dhulapally,
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[Signature]
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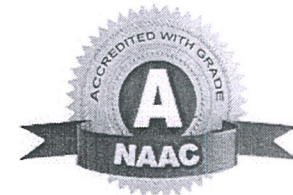


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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ANJALI KANODIA bearing Roll
No. 14J41A0104 has successfully completed Certificate / Value Added
Course / Workshop in Training Program on MATLABS conducted
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CERTIFICATE OF COMPLETION

This is to certify that Mr./Ms. ANKANNAGARI ANIL GOUD bearing Roll No. 14J41A0105 has successfully completed Certificate / Value Added Course / Workshop in Training Program on MATLABS conducted by the Department of Civil Engineering from 2/2/2015 to 12/3/2015

T.S.V

COORDINATOR



HOD

Principal
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