| Number of Certificate/diploma program introduced during last five years | | | | | |
|---|---|---|---|---|---|
| TIMELINE:2014-15 TO 2018-19 | | | | | |
| **DEPARTMENTS** | **2018-19** | **2017-18** | **2016-17** | **2015-16** | **2014-15** |
| CIVIL | 1 | 1 | 0 | 0 | 0 |
| CSE | 2 | 0 | 0 | 0 | 0 |
| ECE | 2 | 3 | 1 | 0 | 2 |
| EEE | 1 | 1 | 1 | 1 | 1 |
| MECH(UG) | 0 | 0 | 1 | 0 | 0 |
| MECH(PG)-CAD CAM | 0 | 0 | 0 | 1 | 0 |
| MBA | 0 | 0 | 0 | 0 | 0 |
| CERTIFICATE PROGRAMS INRODUCED YEARWISE | 6 | 5 | 3 | 2 | 3 |
| CERTIFICATE PROGRAMS INRODUCED OVER LAST 5 YRS | | | | | 19 |

**SUMMARY**

■Total no. of certificate programs organized over past 5 years under 5- Engineering programs & MBA are summarised in above table
■These programs are conducted for 5 -6 days @ 6-7 hours per day, spread across 1-2 weeks/ months in a semester
■ The Resource persons are drawn either from reputed training center/industry/ in-house expertise
■ A significant improvement in the total number of courses from year to year is observed
■ The Eventwise 1). schedule & syllabus, 2). Sample participation certificate, 3). Participants list are herewith attached

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**

**ABIDS, HYDERABAD**

**EEE Department**

Date: 05/8/2014

TO

The Principal/Director,

MCET,

Hyderabad.

SUB: Minute of Meeting for approval for conduction of CERTIFICATE PROGRAMMES for the current semester -Reg

Respected sir,

The dept. of EEE is planning to conduct the following CERTIFICATE PROGRAMMES (workshops) for the current semester 2014-15 (I SEM) . The details are specified below. I request your kind approval for the same.

The syllabus is also attached for your perusal

| Sl. no | Programme name | Dates | In collaboration with | coordinator |
|---|---|---|---|---|
| 1. | **FIVE DAY CERTICATE COURSE ON MATLAB/SIMULINK** | OCTOBER 2014 | ZONTA ACEEDAMY | Mrs. V.SAKETHA Asst. Professor |

Thanking you sir,

for V.Saketha

HOD-EEE

Head of Department
Department of EEE
Methodist College of Engg & Tech.
Abids, Hyderabad-500 001.

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## ABOUT EEE DEPARTMENT:

The Department of Electrical and Electronics Engineering was started in the year 2008 with an intake of 60, with an objective of imparting quality education in the Electrical and Electronics Engineering.EEE is the oldest of the engineering streams, and its applications are many. The number of career prospects for this group is huge, and it is the reason for many people to join this course. These students are offered with high salaried jobs, especially in the public sector. They are needed in power industry, electrical machine industries, etc. A number of private companies also offer lucrative job roles for these engineers.

Due to this requirement, Methodist gives a special preference to EEE, and we had built a special base for this group. The laboratories, faculty, etc. for this group are of top notch, and we chalk out various industrial tours, seminars workshops, etc. for the benefit of our students.EEE is one of the core streams of engineering. and it is required in any case. Hence the demand for this group never decreases, and it is the steadiest stream ever.

REGISTER
&
JOIN

THE WORKSHOP TO KNOW THE BASICS AND EASY WAYS TO LEARN MATLAB AND LEARN DESIGNING OF 2D,3D GRAPHICS

## Speakers:

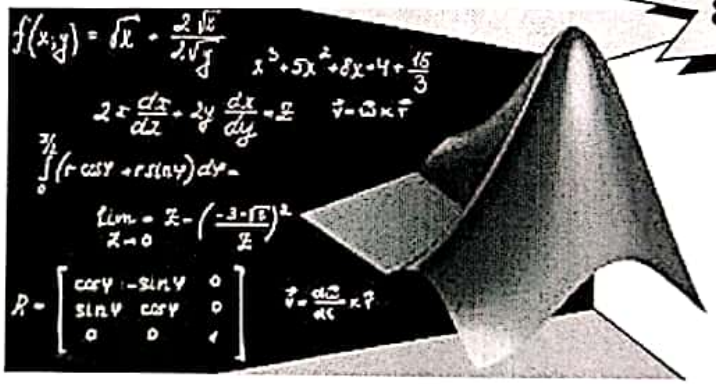
Head of Department
Department of EEE
Methodist College of Engg & Tech.
Abids, Hyderabad

# A FIVE DAY CERTIFICATE COURSE ON MATLAB/SIMULINK

## ORGANISED BY

*Department of Electrical & Electronics Engineering*

From 31-10-2014
& 4,5,6 NOV 2014



METHODIST COLLEGE OF ENGINEERING AND TECHNOL

(Affiliated to Osmania University)

King Koti Road, Abids,Hyderabad, Telangana-500001

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# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

## CERTIFICATE COURSE ON MATLAB/SIMULINK

**SCHEDULE**

| | Times | Activity/Session | Location |
|---|---|---|---|
| DAY1 | 9.30AM | Registration, | Seminar hall |
| | 10.00AM | Welcome & Introductions | |
| | 11.00AM -12.30 PM | Presentation on fundamentals of matlab | |
| | 12.30PM-1.00pm | lunch | |
| | 1.00PM-4.00PM | practice session on fundamental diagrams | Simulation lab |
| DAY2 | 9.30AM | Welcome & Introductions | Seminar hall |
| | 10.00AM-12.30 PM | Presentation on creation of Simulink blocks | |
| | 12.30PM-1.00pm | LUNCH | |
| | 1.00PM-4.00PM | Practice session | Simulation lab |
| DAY3 | 10.00AM-12.30 PM | Presentation on design sub-circuits in matlab | |
| | 12.30PM-1.00pm | lunch | |
| | 1.00PM-4.00PM | Practice session on computers by using matlab software | Simulation lab |
| DAY4 | 10.00AM-12.30 PM | Presentation on new techniques in matlab | |
| | 12.30PM-1.00pm | LUNCH | |
| | 1.00PM-4.00PM | Programming work | Simulation lab |
| DAY5 | 10.00AM-12.30 PM | Presentation on innovative methods in power system and linked with matlab | Seminar hall |
| | 12.30AM-1.00pm | LUNCH | |
| | 1.00PM-4.00PM | Coding and Simulink practice session | Simulation lab |
| | 4.00PM – 4.15PM | VOTE OF THANKS | Simulation lab |

Head of Department
Department of EEE

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# SYLLABUS ON MATLAB

## Matlab Basics

- Capabilities of MATLAB and its Applications.
- Arithmetic operations with scalars
- Matrix calculations
- MATLAB built-in functions
- Creating Script files
- Arrays operation
- Mathematical and statistical operations
- Performing bitwise operations.
- Reading & writing Text file.
- Introduction to operators

## Matlab Graphics

- Basic plots and subplots
- 3D plots
- Multidimensional data interpolation
- Plotting multiple graphs and multiple plots

## Programming Using Matlab

- Creating own scripts and user defined function file
- Program structure
- Loops, Nested loops and nested conditional statements
- Digital electronics
- Analog electronics
- Communication
- Control system
- Signals & systems
- Programs based on Project building

## Simulink

- Commonly Used Blocks Library
- Creating Simulink Models
- Using Simulink from MATLAB command window.
- Using simulink for Digital electronic concept
- Using simulink for analog electronic concept
- Using simulink control system concept

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METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

King Koti Road, Abids, Hyderabad - 500001

Department of Electrical & Electronics Engineering

**A FIVE DAY CERTIFICATE COURSE ON MATLAB/SIMULINK(DURING (31 &1,2,3,4 NOV 2014)**

**LIST OF STUDENTS REGISTERED**

| Sl.no | Hall Ticket No | Name of the Student | SIGNATURE |
|---|---|---|---|
| 1 | 160711734001 | CH. SANJEEVA REDDY | |
| 2 | 160711734003 | D SAI SRIKAR | |
| 3 | 160711734005 | MYADAM NAGARAJU | |
| 4 | 160711734006 | CHADA ANVESH | |
| 5 | 160711734007 | J SRIKANTH REDDY | |
| 6 | 160711734009 | MADAM SHIVAKUMAR | |
| 7 | 160711734010 | V MURALI KRISHNA | |
| 8 | 160711734011 | D JITHENDER | |
| 9 | 160711734012 | MD WAHEED UDDIN | |
| 10 | 160711734014 | V HARISHBABU | |
| 11 | 160711734015 | K RAMAKRISHNA | |
| 12 | 160711734016 | KALLU RAJU | |
| 13 | 160711734017 | S NAVANEETH KUMAR | |
| 14 | 160711734018 | DHARMAPURI ANIL | |
| 15 | 160711734019 | PALNATI SANDEEP | |
| 16 | 160711734021 | K RANJITH PRASAD | |
| 17 | 160711734022 | MUGALA NARESH | |
| 18 | 160711734023 | KUMMARA MOUNIKA | |
| 19 | 160711734025 | DANDU SUSHMA | |
| 20 | 160711734026 | VANAM SINDHUPRIYA | |
| 21 | 160711734029 | MD ABDUL HAI SIDDIQUI | |
| 22 | 160711734031 | BITLA DEEKSHITHA | |
| 23 | 160711734033 | DHARAVATH PRAVEEN | |
| 24 | 160711734034 | CHIPURCHETTI MANASA | |
| 25 | 160711734035 | GUGULOTH RAMU | |
| 26 | 160711734039 | BYAGARI KIRAN | |
| 27 | 160711734041 | S DIVYA | |
| 28 | 160711734043 | MEKALA SUNIL KUMAR | |
| 29 | 160711734046 | ALAM SRIKANTH | |
| 30 | 160711734047 | K ALEKHYA | |
| 31 | 160711734054 | A ALEKHYA GOUD | |
| 32 | 160711734301 | B BHAGAVANTHU | |
| 33 | 160711734303 | SYED MOHSIN ALI | |
| 34 | 160711734304 | MUMTAZ ALI KHAN | |
| 35 | 160711734305 | DAGAM SANJEEV | |
| 36 | 160711734306 | MOHD IRSHAD | |
| 37 | 160711734308 | SYED UMER AHMED | |
| 38 | 160711734309 | SYED OWAIS BUKHARI | |
| 39 | 160711734310 | MD ABRAS HUSSAIN | |
| 40 | 160711734311 | MOHD MUNEEB UDDIN | |
| 41 | 160711734312 | VICKY SHARMA | |
| 42 | 160711734313 | TALEB AHMED MANSOORI | |
| 43 | 160711734314 | MD JAHANGEER | |
| 44 | 160711734315 | G NAVAJYOTHISUNNY | |
| 45 | 160711734316 | PPRAVEEN KUMAR | |
| 46 | 10092042 | MIRZA FAREED BAIG | |
| 47 | 10092026 | YASSER QUADRI | |
| | | | |

Head of Department
Department of EEE

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# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

*(Affiliated to O.U. & Approved by AICTE)*

*King Koti Road, Abids, Hyderabad – 500 001, Telangana, INDIA*

## Certificate of Participation

Certified that Mr/Ms Md. Waheed Uddin Bearing R.No: 160711734012

of IV-1 Semester EEE Branch, Participated in Certification Courses

on 31st Oct & 1st - 4th Nov during Oct-November 2014

in Collaboration with Zonta Acedamy.

**Director** **HoD** **Principal**

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