



Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

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
<b>CERTIFICATE PROGRAMS INRODUCED YEARWISE</b>	<b>6</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>3</b>
<b>CERTIFICATE PROGRAMS INRODUCED OVER LAST 5 YRS</b>					<b>19</b>

### 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

PRINCIPAL/DIRECTOR

PRINCIPAL  
METHODIST COLLEGE OF ENGG.& TECH.  
King Koti Road, Abids, Hyderabad.

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

Department of Civil Engineering

Date: 10/8/2018

TO

The Principal/Director,

MCET,

Hyderabad.

SUB: Request for approval for the CERTIFICATE PROGRAMMES in the current semester –Reg.

Respected sir,

The dept. of CE is planning to conduct the following CERTIFICATE PROGRAMMES (workshops) for the current semester 2018-19 (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	A Certificate program on Structural analysis and design using STAAD PRO in collaboration with IMARAT Consultancy	20 to 25 August 2018	IMARAT Consultancy	Mrs C Chandana Priya, Asst. Professor

Thanking you sir,



HOD-CE

Head of the Department  
Department of Civil Engineering  
METHODIST COLLEGE OF ENGG. & TECH.  
King Koti Road, Abids, Hyderabad.

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY, ABIDS, HYDERABAD 500001**  
**DEPT OF CIVIL ENGG**

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**MINUTES OF MEETING**

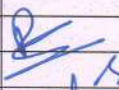
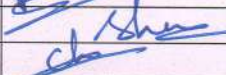
TIMELINE: 2018-19 I SEM

DATE: 10/7/2018, TIME: 12 pm, VENUE: HOD CHAMBER

**AGENDA:**

1. Certificate course - Topic, Date, Coordinator, Deadlines
2. Schedule & course work preparations -Deadlines
3. Requesting approval from Principal
4. Preparation of Student registrations list, Brochure, Certificate & Banner- Deadlines
5. Feedback from students – Forms & analysis

**MEMBERS PRESENT:**

SL. NO	NAME	DEPT	DESIGNATION	SIGN
1	Dr. Akshay SK Naidu	CE	PROF & HOD	
2	Mr . R Srikanth	CE	ASST.PROF	
3	Mr. Shahed Ali	CE	ASST.PROF	
4	Mrs. C Chandana Priya	CE	ASST.PROF	

**RESOLUTION:**

AGENDA POINT	RESOLUTION	RESPONSIBLE PERSON	TAEGET DATE	REMARKS
1	Certificate course on 3D modelling using AUTO CADD in association with ICT Academy.	Mr Shahed Ali	20/7/2018	—
2	Schedule & course work to be ready	Mrs C Chandana Priya	19/7/2018	—
3	Approval must be ready	Mr R Srikanth	15/7/2018	—
4	Brochure , Banner, certificates to be ready	Mr R Srikanth	18/7/2018	—
5	Feedback, Analysis of feedback	Mr Shahed Ali	15/7/2018	—

  
COMMITTEE CO-ORDINATOR NAME & SIGNATURE



Date: 10/7/2018

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**Department of Civil Engineering**  
**A Certificate program on Structural analysis and design using STAAD PRO in**  
**collaboration with IMARAT Consultancy**  
**Schedule and Course Content**

<b>STAAD Pro V8i</b>	<b>Total Duration : 36 Hours</b>
<b>Day</b>	<b>Topics</b>
20 August 2018	Overview of Structural Analysis and Design Calculating Shear Force and Bending Moment values for various supports and load types Introduction o STAAD.Pro V8i o STAAD Editor
21 August 2018	Co-ordinate Systems o Global Vs Local Creating a New Project in STAAD.Pro Units, Model Generation , Creating Nodes & Members Select Menu
22 August 2018	For Multiple Members o Add Beam Point to Point Between Midpoints Perpendicular Intersection, Curved Member
23 August 2018	Support specification, Material specification , Loading creating a primary load and adding self weight, Nodal load, Member load, Uniform force and moment, concentrated force and moment, Linear varying load, Trapezoidal load, Hydrostatic load, Pre/Post stress, Area load, Mini project
24 August 2018	Cylindrical and Cylindrical Reverse Co-ordinate Systems Introduction to FEM FEM Modelling in STAAD.Pro o Snap Plate o Add Plate o Create Infill Plates o Generate Surface Meshing o Generate Plate Mesh o Parametric Modelling
24 August 2018	Cable Member Specification Tension / Compression Specification, Table Member Property, Steel Design in STAAD.Pro, Interactive steel design, Design of overhead transmission line towers

# 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~~ **Mydam Manoj Kumar** Bearing R.No: **73205/160715**  
of **II** Semester **IV BE, CIVIL** Branch, Participated in Certification Courses  
on **18<sup>th</sup> to 23<sup>rd</sup> September** during **AUTO CAD SESSION (2018-19)**  
in Collaboration with **ICT ACADEMY**.

  
Director

  
HoD

  
Principal



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING

A Certificate program on Structural analysis and design using STAAD PRO in  
collaboration with IMARAT Consultancy from 20<sup>th</sup> to 25<sup>th</sup> August 2018

III BE-2018-19 --ATTENDANCE SHEET


S.NO	ROLL NUMBER	NAME OF THE STUDENT	FEEDBACK	Signature
1	160714732079	MOHD AMMAR DAWOOD KHAN	Good	Dawood
2	160715732001	AWADH ABDUL RAZZAK BASHIR	Very Good	Bashir
3	160715732004	ADNAN	than very good	Adnan
4	160715732027	MOHAMMED FAIZUDDIN FAYAQ	v. good	Fayaq
5	160715732030	MOHAMMED GHOUSE SHAREEF	Good	Shareef
6	160715732043	MOHAMMED JUNAID HASSAN ASIF	good	Asif
7	160715732055	SULTAN MUZAKKIR UDDIN FARHAN	Very Good	Farhan
8	160715732082	PEDDAGANI SAKETH	Very good	Saketh
9	160715732084	JARAPALA SANJEEV NAYAK	Good	Nayak
10	160715732090	MOHD SOHAIL UDDIN	Nice	Sohail
11	160715732098	PAIDI SUHAN REDDY	Very good	Suhan
12	160715732111	SYED AJAZ HUSSAIN	Very good	Hussain
13	160716732001	SYED ABUBAKER AHMED	excellent	Ahmed
14	160716732002	MAWIYA BIN MUKARRAM BAJUSAIR	Good	Bajusair
15	160716732003	MOHAMMED ABDUL AZEEM	Good	Azeem
16	160716732004	KATUKAM SUMANTH	Good	Sumanth
17	160716732005	HARIDAS SIDDHARTHA	Very good	Siddhartha
18	160716732007	NAKKA VINEETH	Good	Vineeth
19	160716732008	UBANDI SAI DHATRI	excellent	Dhatri
20	160716732010	GANJI VIVEK SUSHEEL RAO	good	Susheel
21	160716732013	VIDUKOJU HARI CHARAN	Good	Charan
22	160716732014	MEESAM AKHIL	good	Akhil
23	160716732015	GONE VENKATA SRAVANI	Nice	Sravani
24	160716732017	NENAVATH RAJU	Good	Raju
25	160716732018	MOHAMMED FARAZ SIDDIQUI	V. good	Siddiqui
26	160716732019	KATIKAM PRANEETHA	excellent	Praneetha
27	160716732022	LINGALA LIKHITHA	Very good	Likhitha
28	160716732023	GANGU BRUNDA	Good	Brunda
29	160716732025	KAMMARI UDAYASHREE	Good	Udayashree
30	160716732026	KARPURAPU VANITHA	V-good	Vanitha
31	160716732027	SYED FAIYAZUDDIN QUADRI	excellent	Quadri
32	160716732028	KOLLURU ACHYUTH RAJA	v-good	Achyuth
33	160716732029	M SHRUTHI	V. good	Shruthi
34	160716732033	ABDUL AZEEM	excellent	Azeem
35	160716732035	KUMMARI RAJASHEKAR	Very good	Rajashekar
36	160716732036	MOHAMMED MAHBOOB ALI	Very good	Mahboob
37	160716732037	BHUKYA SANTOSH	Satisfied	Santosh
38	160716732038	POTU VINAYABHARATHI	Very good	Vinaya Bharathi
39	160716732039	SRIRAM GOPALAKRISHNA	Good	Gopalakrishna
40	160716732040	MOHAMMED ABDUL WASAY	Very good	Wasay
41	160716732041	VODNALA SAI ANUDEEP	Very good	Anudeep
42	160716732042	MANDALA SREEDIVYA	Good	Sreedivya
43	160716732043	GAJJELA PRAVEEN	excellent	Praveen
44	160716732046	GUNDAMEEDI BHARGAV	Ranjith Good	Bhargav
45	160716732047	S RANJITH NAIK	v good	Ranjith
46	160716732048	KARE MAHESH	very good	Mahesh

S.NO	ROLL NUMBER	NAME OF THE STUDENT	FEEDBACK	Signature
47	160716732050	ASHAMSHETTI VAMSHI	Good	Vamshi
48	160716732052	J VISHNU VARDHAN GOUD	Good	Vardhan
49	160716732054	DASARI MUKESH	Very Good	Mukesh
50	160716732055	MEDIGA SARIKA	Nice	Sarika
51	160716732057	M JYOTHI	Good	Jyothi
52	160716732058	KURNOL SWAPNA	excellent	Swapna
53	160716732059	BADANAKANTI SRAVANTHI	excellent	Sravanti
54	160716732061	MADIHA SUNDUS	Very good	Sundus
55	160716732065	ANKATHI PRAVALIKA	Good	Pravalika
56	160716732066	ZUBAIR AHMED SYED	Very good	Zubair
57	160716732069	AZMEERA NAVEEN	Nice	Naveen
58	160716732070	SYED NABIL	Good	Nabil
59	160716732071	GUJURALA NITIN CHANDRA	Good	Nitin
60	160716732075	A PRAVEEN	Very Good	Praveen
61	160716732079	ABHISHEK SINGH	Good	Abhishek
62	160716732081	V SHIVA	Good	Shiva
63	160716732083	SATU AKHILA	Wonderful	Akhila
64	160716732085	CHOLLETI SHRAVYA	Nice	Shravya
65	160716732086	P SRIKANTH	Excellent	Srikanth
66	160716732088	KOTILI PREM KUMAR	Good	Prem
67	160716732092	MAILARAM PADMINI	Good	Padmini
68	160716732093	MOHD FARHAN	Very Good	Farhan
69	160716732095	SYED SHOEB ALI	Excellent	Shoeb
70	160716732301	A.Ramesh	very good	Ramesh
71	160716732302	A Chandrakanth	Good	Chandrakanth
72	160716732303	PRASADAM KRISHNA VIHAR	Good	Krishna
73	160716732304	B.Keerthana	Nice	Keerthana
74	160716732305	B MAHESH	V.Good	Mahesh
75	160716732306	B SRIKANTH	V-good	Srikanth
76	160716732307	B ARAVIND	very nice	Aravind
77	160716732308	CHANDA SAIRAM	Good	Sairam
78	160716732309	CHENAGANI MOUNIKA	Good	Mounika
79	160716732310	M SRIKANTH	Very Good	Srikanth
80	160716732311	GOOLLA SOHAN	V.good	Sohan
81	160716732312	MUNNANURI SHIVA KUMAR	Good	Shiva
82	160716732313	J RAJASHEKAR	Very good	Rajashekar
83	160716732314	K MAHENDAR YADAV	Nice	Mahendar
84	160716732315	K AKHIL RAJ	Good	Akhil
85	160716732316	K MEGHANA	Excellent	Meghana
86	160716732317	M NITHISH	Very good	Nithish
87	160716732318	MINHAJ AALIYA	Good	Aaliya
88	160716732320	G.NAVATHA	V-good	Navatha
89	160716732321	NALLA MANASA	Nice	Manasa
90	160716732322	P ARUN KUMAR	V. good	Arunkumar
91	160716732323	PINDI BHAVANA	Nice	Bhavani
92	160716732324	P PRIYANKA	V. good	Priyanka
93	160716732325	ANDHIPURAM HARITHA	Super	Haritha
94	160716732326	S SIRISHA	Super	Sirisha
95	160716732327	SILIVERU MANASA	Good	Manasa
98	160716732328	V SAAMBAVI	Very Good	Sambaavi
99	160716732330	VENKATESH	very good	Venkatesh

### Certificate Program Evaluation Form

Certificate program Title: A certificate program on structural analysis & design using staad pro in collaboration with imreat consultancy  
 Date: 25/08/2018  
 Instructor: Dr. Abresh

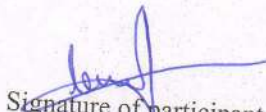
	Strongly agree	2	Strongly disagree
1. The Certificate program is applicable to me	1 ✓	2	3
2. The Certificate program was presented in an organized manner	1 ✓	2	3
3. The instructor was knowledgeable on the topic	1 ✓	2	3
4. I recommend this Certificate program to others	1 ✓	2	3
5. I obtained the required skill in the course	1 ✓	2	3
6. My Rating for this Certificate program ..	<input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Satisfactory		
7. Any suggestions for improvement	<u>things need to be considered</u>		

  
Signature of participant

### Certificate Program Evaluation Form

Certificate program Title: A certificate program on structural analysis & design using STAAD pro in collaboration with imreat consultancy  
 Date: 25/08/2018  
 Instructor: Dr. Abresh

	Strongly agree	2	Strongly disagree
7. The Certificate program is applicable to me	1 ✓	2	3
8. The Certificate program was presented in an organized manner	1 ✓	2	3
9. The instructor was knowledgeable on the topic	1 ✓	2	3
10. I recommend this Certificate program to others	1 ✓	2	3
11. I obtained the required skill in the course	1 ✓	2	3
12. My Rating for this Certificate program ..	<input checked="" type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Satisfactory		
8. Any suggestions for improvement	<u>Time maintenance is important</u>		

  
Signature of participant





DEPARTMENT OF CSE

Certificate Program on “Internet of Things with ARDUINO” on 19<sup>th</sup> Sept, 20<sup>th</sup> Sept, 23<sup>rd</sup> Sept, 30<sup>th</sup> Sept and 07<sup>th</sup> Oct 2018.

Schedule and Course Syllabus:

DAY	SESSION – 1 09:30 – 10:45		SESSION – 2 11:00 – 12:30		SESSION – 3 13:30 – 14:45		SESSION – 4 15:00 – 16:30
Day 1	IoT club Inaugural. IoT Lab Inaugural.	T E A	<b>Introduction to the Internet of Things</b> <ul style="list-style-type: none"> <li>• What is Internet of Things?</li> <li>• Applications and Challenges.</li> <li>• Terms and Concepts related to IoT?</li> <li>• Basic IoT Architecture.</li> </ul>	L U N C H	<b>Introduction to the Internet of Things</b> <ul style="list-style-type: none"> <li>• The Internet of Things.</li> <li>• The Basics of Sensors &amp; Actuators.</li> <li>• Introduction to Cloud Computing.</li> </ul>	T E A	<b>IoT Technologies</b> <ul style="list-style-type: none"> <li>• IoT Device Technologies: Sensors, Actuators, RFID's.</li> <li>• Communication Medium.</li> </ul>
Day 2	<b>IoT Technologies</b> <ul style="list-style-type: none"> <li>• Role of Cloud Computing in IoT.</li> <li>• Role of Big Data in IoT.</li> <li>• Showcase and Demonstration about various Sensors.</li> </ul>	B R E A K	<b>The Arduino Platform</b> <ul style="list-style-type: none"> <li>• The Arduino IDE.</li> <li>• The Arduino Open – Microcontroller Platform.</li> <li>• Arduino Basics.</li> <li>• Arduino Board Layout &amp; Architecture.</li> </ul>	B R E A K	<b>Reading from Sensors. Programming fundamentals (C language).</b>	B R E A K	<b>Arduino Programming &amp; Interfacing of Sensors</b> <ul style="list-style-type: none"> <li>• Interfacing Sensors with Arduino.</li> <li>• Programming Arduino.</li> <li>• Reading from Sensors.</li> </ul>



# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Estd : 2008 Address : King Koti Road, Abids, Hyderabad, Telangana, 500001 | Email : principal@methodist.edu.in

DAY	SESSION – 1 09:30 – 10:45		SESSION – 2 11:00 – 12:30		SESSION – 3 13:30 – 14:45		SESSION – 4 15:00 – 16:30
Day 3	<b>Project 1:</b> Simple LED Program for Arduino. <b>Project 2:</b> Integrating Sensors & Reading Environmental Physical Values.	T E A  B R E A K	<b>Project 3:</b> Reading Environmental Values on Android Smartphone. <ul style="list-style-type: none"> <li>Talking to your Android Phone with Arduino.</li> <li>Connecting Arduino with Mobile Device.</li> <li>The Android Mobile OS.</li> <li>Using the Bluetooth Module.</li> </ul>	L U N C H  B R E A K	<b>Project 4:</b> Voice Controlled Mini Home Automation using Android Smartphone.	T E A  B R E A K	<b>Project 5:</b> Control Devices using Localhost Web Server for Home Automation. <ul style="list-style-type: none"> <li>Integrating Ethernet Module &amp; Testing DHCP Connection.</li> <li>Creating Program for Localhost Web Server for controlling devices.</li> </ul>
Day 4	<b>Project 6:</b> Creating own Android App using MIT App Inventor & controlling Arduino connected devices.		<b>Project 7:</b> Being Social on Twitter & Update Status on Twitter through Arduino. <ul style="list-style-type: none"> <li>Make Electronics Gadget Talk to Internet.</li> <li>Integrating Ethernet Module.</li> <li>Creating APP on Twitter.</li> </ul>		<b>Project 8:</b> Send Voltage & Analog Data on Cloud Server. <ul style="list-style-type: none"> <li>Cloud Computing.</li> <li>Communicating with the Cloud using Web Services.</li> <li>Cloud Computing &amp; IoT.</li> <li>Popular Cloud Computing Services for Sensor Management.</li> </ul>		<b>Project 9:</b> Use Arduino to Upload free data from Environmental Sensors to Cloud Server.
Day 5	<b>Project 10:</b> Automatically Tweet Sensor Data on Twitter.		<b>Project 11:</b> Receive Automatic Call Notification on Mobile Phone for Burglar Alarm using IoT Platform.		<b>Project 12:</b> Control Electronic Devices from anywhere across the world using Internet & Mobile App.		<b>Feedback and Action Plan Presentation</b>

COURSE COORDINATOR:

**HOD – CSE**  
 Head of the Department  
 Department of CSE  
 Methodist College Engg & Tech  
 Abids, Hyderabad.

# 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 <sup>✓</sup> Akkiraju Sai Pragna Bearing R.No: 160716733005  
of III - I Semester CSE Branch, participated in Value-Added  
Course on Internet of Things with ARDUINO  
during 19, 20, 23, 30 Sept, 07 Oct - 2018 in Collaboration with Inhouse training Programme.

**Director**

Principal / Director  
Methodist College of Engg. & Tech.  
Abids, Hyderabad-500001.

**HoD**

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

**Principal**

PRINCIPAL  
METHODIST COLLEGE OF ENGG. & TECH.  
King Koti Road, Abids, Hyderabad

Dept of CSE .  
**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**KING KOTI, HYDERABAD-50001**

Certificate programme on Internet of things with "ARDUINO"- In-house training during 19th ,20th ,23rd ,30th Sep,7th Oct 2018

S.No	Roll No	Name	Year	Branch	Signature	Feedback
1	160716733001	TEJASWINI P VINJAMURI	III	CSE-A	<i>Tejaswini</i>	Good
2	160716733002	MOHANKUMAR PADHI	III	CSE-A	<i>Fadi</i>	Excellent
3	160716733004	SYEDA RAUNAQ FATIMA	III	CSE-A	<i>Fatima</i>	Excellent
4	160716733005	AKKIRAJU SRI PRAGNA	III	CSE-A	<i>Pragna</i>	Excellent
5	160716733006	MD KHAJA BARKAT UDDIN	III	CSE-A	<i>MD Khan</i>	Excellent
6	160716733007	ABDUL MUTAKABBIR MOIN	III	CSE-A	<i>Abdul</i>	Good
7	160716733010	KUNDURU SANDEEP REDDY	III	CSE-A	<i>Sandeep</i>	Excellent
8	160716733011	DHAMERLA MANISHA	III	CSE-A	<i>Manisha</i>	Good
9	160716733012	NAGUBANDI SAI DHATRI	III	CSE-A	<i>Sai</i>	Excellent
10	160716733013	SYED SHOEB MAHMOOD	III	CSE-A	<i>Shoeb</i>	Excellent
11	160716733014	AMAN MEHRA	III	CSE-A	<i>Am</i>	Good
12	160716733015	TATOLU LAXMI GAYATRI	III	CSE-A	<i>Laxmi</i>	Excellent
13	160716733017	ENGU BHARGAV	III	CSE-A	<i>Bhargav</i>	Good
14	160716733018	MADANA SRINIVAS HRISHIKESH	III	CSE-A	<i>Madana</i>	Excellent
15	160716733019	MD SAFI AHMED SHAREEF	III	CSE-A	<i>Safi</i>	Good
16	160716733020	PEDDI ROSHAN GUPTHA	III	CSE-A	<i>Roshan</i>	Good
17	160716733021	VEM SUCHARITHA	III	CSE-A	<i>Sucharitha</i>	Good
18	160716733022	S SANKIRTH	III	CSE-A	<i>Sankirth</i>	Excellent
19	160716733023	KEESARI CHAITANYA	III	CSE-A	<i>Keesari</i>	Good
20	160716733024	D RISHITHA	III	CSE-A	<i>Rishi</i>	Good
21	160716733026	K MANASA	III	CSE-A	<i>Manasa</i>	Excellent
22	160716733027	KALLU THARUN KUMAR REDDY	III	CSE-A	<i>Tharun</i>	Good
23	160716733028	MOHAMMED SAADUDDIN	III	CSE-A	<i>Saad</i>	Good
24	160716733029	SALVERU PRIYANKA	III	CSE-A	<i>Priyanka</i>	Excellent
25	160716733030	VAKITI SRAVYA	III	CSE-A	<i>Sravya</i>	Satisfactory
26	160716733031	BODDULA RAMAN	III	CSE-A	<i>Raman</i>	Good

Head of the Department  
*J. S. Shailaja*

S.No	Roll No	Name	Year	Branch	Signature	Feedback
27	160716733032	B NANDU	III	CSE-A	Nandu	Excellent
28	160716733033	QAZI MOHD IQBAL HUSSAIN ANWAR	III	CSE-A	Qazi	Good
29	160716733034	CHEERLA HARI CHANDRA PRASAD	III	CSE-A	Hari	Good
30	160716733035	SAI VINEETH PINNOJU	III	CSE-A	Vineeth	Good
31	160716733036	KEERTHI SHIVA SAI NIKHIL	III	CSE-A	Keerthi	Good
32	160716733037	BOJJA AISHWARYA	III	CSE-A	Aishwarya	Good
33	160716733038	MOHAMMED IRSHAD MUKKARAM	III	CSE-A	Irshad	Good
34	160716733039	MOHD MUJEEB UR RAHMAN	III	CSE-A	Mujeeb	Good
35	160716733040	BODAMEEDI SUNNY	III	CSE-A	Sunny	Good
36	160716733041	GAYARI ALEKHYA	III	CSE-A	Alekhy	Good
37	160716733042	AIRLA PRAVALIKA	III	CSE-A	Pravalika	Good
38	160716733045	KAVALI GAUTHAM RAJ	III	CSE-A	Gautham	Good
39	160716733047	PADALA SHREYA	III	CSE-A	Shreya	Good
40	160716733048	TIGULLA VAISHNAVI GOUD	III	CSE-A	Vaishnavi	Good
41	160716733049	KOPANATHI PAVANI	III	CSE-A	Pavani	Good
42	160716733050	V SWARUPARANI	III	CSE-A	Swarupa	Good
43	160716733052	SANIYA FATIMA	III	CSE-A	Fatima	Good
44	160716733053	SABA TARANNUM	III	CSE-A	Saba	Good
45	160716733054	SHRUTHI SHASTRI	III	CSE-A	Shruthi	Good
46	160716733055	JAKATI JARUSHA SHARON	III	CSE-A	Jarusha	Good
47	160716733058	KALLADA RAVALI	III	CSE-A	Ravali	Good
48	160716733061	D SUCHITHRA RAJ	III	CSE-B	Suchithra	Good
49	160716733064	MOHAMMED ANSAR UL HAQ	III	CSE-B	Ansar	Good
50	160716733065	P AJAY SHYAM	III	CSE-B	Ajay	Good
51	160716733066	MULA SAI KARTHIK	III	CSE-B	Karthik	Good
52	160716733067	ERRAGALLA AJAY KUMAR	III	CSE-B	Ajay	Good
53	160716733069	AMGOTH PRUTHVIRAJ	III	CSE-B	Pruthvi	Good
54	160716733071	GANGA PRANAY	III	CSE-B	Pranay	Good
55	160716733072	MOHAMMED SAIFUDDIN	III	CSE-B	Saifuddin	Good

Head of the Department  
 A. S. Srinivasan

S.No	Roll No	Name	Year	Branch	Signature	Feedback
56	160716733073	AMBALLA JYOTHI	III	CSE-B	Jyothi	Excellent
57	160716733075	SHIVA B	III	CSE-B	Shiva B	Excellent
58	160716733076	SYED ABDUR REHMAN	III	CSE-B	Rehman	Good
59	160716733079	ARIKILLA ANUSHA	III	CSE-B	Anusha	Good
60	160716733082	KOTA SHARON ROSE	III	CSE-B	Kota	Excellent
61	160716733083	OMER MD ABDUL HAFEEZ	III	CSE-B	Abdul	Good
62	160716733085	MOHAMMED OMER AMJAD	III	CSE-B	Amjad	Excellent
63	160716733088	MAILA RAKESH KUMAR	III	CSE-B	Rakesh	Excellent
64	160716733091	NASER MOHIUDDIN FURQAN	III	CSE-B	Naser	Excellent
65	160716733092	SURYA KIRAN P	III	CSE-B	Surya	Good
66	160716733096	PALAKURTHI SRAVAN KUMAR	III	CSE-B	Sraavan	Excellent
67	160716733106	NAMALA SRINIDHI	III	CSE-B	Srinidhi	Good
68	160716733109	T. RADHIKA SAGAR	III	CSE-B	Radhika	Good
69	160716733113	HAROON AHMED BAKOBAN	III	CSE-B	Haroon	Good
70	160716733114	MOHAMMED JUNAID AHMED	III	CSE-B	Junaid	Good
71	160716733115	GUNDA SAI ANIKETH	III	CSE-B	Sai	Good
72	160716733116	MOHD NIYAZ AHMED	III	CSE-B	Niyaz	Excellent
73	160716733117	NAWAAZ SHARIF	III	CSE-B	Mohid	Excellent
74	160716733118	ARAKATI SHIREESHA	III	CSE-B	Shireesha	Good
75	160716733121	ISAAC ABHINAI SESHADRY	III	CSE-B	Seshadry	Excellent
76	160716733301	M VENKATESH KUMAR	III	CSE-B	Venkat	Good
77	160716733302	PALLAVI SUKDEVA	III	CSE-B	Sukdeva	Good
78	160716733303	VADTHYAVATH NARESH	III	CSE-B	Nareesh	Excellent
79	160713733088	AKSHAY SINGH	III	CSE-B	Akshay	Satisfactory
80	160714733019	MOHAMMED OMER	III	CSE-B	Omer	Excellent

*S. R. Chaitanya*

HOD-CSE  
 D. Department of CSE  
 Methodist College of Arts & Tech  
 Anna Nagar, Chennai - 600022



# METHODIST

COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Estd : 2008 Address : King Koti Road, Abids, Hyderabad, Telangana, 500001 | Email : principal@methodist.edu.in

## DEPARTMENT OF CSE

Certificate Program on “Web – Development using PHP and MySQL” on 22<sup>nd</sup> Mar, 23<sup>rd</sup> Mar, 24<sup>th</sup> Mar, 31<sup>th</sup> Mar and 07<sup>th</sup> Apr 2019.

### Schedule and Course Syllabus:

DAY	SESSION – 1 09:30 – 10:45		SESSION – 2 11:00 – 12:30		SESSION – 3 13:30 – 14:45		SESSION – 4 15:00 – 16:30
Day 1	<b>Introduction</b> <ul style="list-style-type: none"> <li>Why use PHP and MySQL?</li> <li>The PHP Programming Environment.</li> <li>Overview of SQL.</li> </ul>	<b>T E A  B R E A K</b>	<b>Introduction to PHP</b> <ul style="list-style-type: none"> <li>PHP Introduction.</li> <li>Apache.</li> <li>MySQL.</li> <li>PHP.</li> <li>Installing Xampp and IDE.</li> </ul>	<b>L U N C H  B R E A K</b>	<b>Setting up a Test Server</b> <ul style="list-style-type: none"> <li>Decisions about a testing environment.</li> <li>WAMP / MAMP.</li> <li>Installing Apache, PHP and MySQL on your computer.</li> <li>Testing on a remote Server.</li> <li>Deciding on Development tools.</li> <li>Using PHPMyAdmin.</li> </ul>	<b>T E A  B R E A K</b>	<b>Overview of PHP</b> <ul style="list-style-type: none"> <li>Setting up a PHP page.</li> <li>The phpinfo() function.</li> <li>Learning basic syntax.</li> <li>Echoing HTML output to the browser.</li> <li>The importance of comments.</li> <li>Using single and double quotes.</li> </ul>
Day 2	<b>PHP Basic Syntax</b> <ul style="list-style-type: none"> <li>Print Using echo.</li> <li>Variables and Primitive Data Type.</li> <li>Math.</li> <li>Constants.</li> <li>Expression and Operators.</li> <li>Control Structures.</li> <li>Functions.</li> <li>Classes and Objects.</li> </ul>		<b>Variables in PHP</b> <ul style="list-style-type: none"> <li>Using loose typed variables.</li> <li>Assigning variables.</li> <li>Overview of numeric, string and other types.</li> <li>Assigning a variable to itself.</li> </ul> <b>Logical operators</b> <ul style="list-style-type: none"> <li>Arithmetic operators.</li> <li>Logical operators.</li> <li>Comparisons.</li> <li>Operator precedence.</li> </ul>		<b>Numbers in PHP</b> <ul style="list-style-type: none"> <li>Making calculations.</li> <li>Using built – in numeric functions.</li> <li>Incrementing and decrementing.</li> </ul> <b>Strings in PHP</b> <ul style="list-style-type: none"> <li>Concatenating strings.</li> <li>Trimming strings.</li> <li>Removing slashes and other harmful characters.</li> <li>String functions.</li> </ul>		<b>Control structures in PHP</b> <ul style="list-style-type: none"> <li>The If statement.</li> <li>FOR loops.</li> <li>While loops.</li> <li>The Switch.</li> </ul>



# METHODIST

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Estd : 2008 Address : King Koti Road, Abids, Hyderabad, Telangana, 500001 | Email : principal@methodist.edu.in

DAY	SESSION – 1 09:30 – 10:45		SESSION – 2 11:00 – 12:30		SESSION – 3 13:30 – 14:45		SESSION – 4 15:00 – 16:30
Day 3	<b>Form Handling, File system access etc.,</b> <ul style="list-style-type: none"> <li>Form Handling.</li> <li>Sessions.</li> <li>Cookies.</li> </ul>	<b>T E A  B R E A K</b>	<b>Transferring information between PHP pages</b> <ul style="list-style-type: none"> <li>GET and POST.</li> <li>Different form field types.</li> <li>Self – referencing forms.</li> <li>Form handlers.</li> </ul>	<b>L U N C H  B R E A K</b>	<b>Session Control and Cookies</b> <ul style="list-style-type: none"> <li>Sessions                             <ul style="list-style-type: none"> <li>Configuring Sessions.</li> <li>Session Functions.</li> </ul> </li> <li>Cookies.</li> <li>Exercise: Authentication with Session Control.</li> </ul>	<b>T E A  B R E A K</b>	<b>Built – in PHP Functions</b> <ul style="list-style-type: none"> <li>Functions.</li> <li>PHP Basic DB access.</li> </ul> <b>PHP Functions</b> <ul style="list-style-type: none"> <li>Using Functions in PHP.</li> <li>User defined Functions.</li> <li>Predefined Functions.</li> <li>Common Functions.</li> <li>String Functions.</li> <li>File Functions.</li> <li>Date Functions.</li> <li>Hash Functions.</li> <li>Mail Function.</li> </ul>
Day 4	<b>Database fundamentals</b> <ul style="list-style-type: none"> <li>Structuring a database.</li> <li>Using tables.</li> <li>Table relationships.</li> <li>Common data types.</li> </ul>		<b>Creating a database</b> <ul style="list-style-type: none"> <li>Using PHPmyAdmin.</li> <li>Adding a table.</li> <li>Populating a table with types and data.</li> <li>Browsing a table with SQL.</li> </ul>		<b>Getting PHP to connect to MySQL</b> <ul style="list-style-type: none"> <li>PHP5 and MySQL5 security features.</li> <li>Using mysqli_connect().</li> <li>Testing a connection.</li> <li>Mysqli and prepared statements.</li> <li>Using a positional placeholder.</li> <li>Writing a sample error trap.</li> </ul>		<b>Querying MySQL using PHP</b> <ul style="list-style-type: none"> <li>Writing SQL queries.</li> <li>Using Select, Insert, Update and Delete.</li> <li>Querying MySQL and returning results.</li> <li>Interpreting the returned array.</li> </ul>
Day 5	<b>Building a Web Application</b> <ul style="list-style-type: none"> <li>Manipulating dynamic pages:                             <ul style="list-style-type: none"> <li>Add entries.</li> <li>Modify entries.</li> <li>List entries.</li> <li>Filter entries.</li> <li>PHP and XML.</li> </ul> </li> </ul>		<b>PHP Best Practices</b> <ul style="list-style-type: none"> <li>PHP PDO.</li> <li>Separation of Concerns.</li> </ul> <b>PHP Project Walkthrough.</b>		<b>Student Project.</b>		<b>Feedback and Action Plan Presentation.</b>

COURSE COORDINATOR:

HOD – CSE

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



METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

B.E VI Semester 2019-2020

PHP & MYSQL CERTIFICATE ATTENDANCE

SNO	ROLL NO	STUDENT NAME	22-03-2019	23-03-2019	24-03-2019	31-03-2019	07-04-2019
1	160716733001	TEJASWINI P VINJAMURI	Tejasi	Tejasi	Tejasi	Tejasi	Tejasi
2	160716733002	MOHANKUMAR PADHI	Mohanku	Mohanku	Mohanku	Mohanku	Mohanku
3	160716733004	SYEDA RAUNAQ FATIMA	Moly	Moly	Moly	Moly	Moly
4	160716733005	AKKIRAJU SRI PRAGNA	Fatima	Fatima	Fatima	Fatima	Fatima
5	160716733006	MD KHAJA BARKAT UDDIN	Sai Pragna	Sai Pragna	Sai Pragna	Sai Pragna	Sai Pragna
6	160716733007	ABDUL MUTAKABBIR MOIN	Shoja	Shoja	Shoja	Shoja	Shoja
7	160716733010	KUNDURU SANDEEP REDDY	Aul	Aul	Aul	Aul	Aul
8	160716733011	DHAMERLA MANISHA	K. Sandeep	K. Sandeep	K. Sandeep	K. Sandeep	K. Sandeep
9	160716733012	NAGUBANDI SAI DHATRI	Manisha	Manisha	Manisha	Manisha	Manisha
10	160716733013	SYED SHOEB MAHMOOD	Saidhatri	Saidhatri	Saidhatri	Saidhatri	Saidhatri
11	160716733014	AMAN MEHRA	Shoeb	Shoeb	Shoeb	Shoeb	Shoeb
12	160716733015	TATOLU LAXMI GAYATRI	Aman	Aman	Aman	Aman	Aman
13	160716733017	ENGU BHARGAV	Gayatri	Gayatri	Gayatri	Gayatri	Gayatri
14	160716733018	MADANA SRINIVAS HRISHIKESH	Bhargav	Bhargav	Bhargav	Bhargav	Bhargav
15	160716733019	MD SAFI AHMED SHAREEF	Srinivas	Srinivas	Srinivas	Srinivas	Srinivas
16	160716733020	PEDDI ROSHAN GUPTHA	Shareef	Shareef	Shareef	Shareef	Shareef
17	160716733021	VEM SUCHARITHA	Roshan	Roshan	Roshan	Roshan	Roshan
18	160716733022	S SANKIRTH	Sucharitha	Sucharitha	Sucharitha	Sucharitha	Sucharitha
19	160716733023	KEESARI CHAITANYA	Sankirth	Sankirth	Sankirth	Sankirth	Sankirth
20	160716733024	D RISHITHA	Chaitanya	Chaitanya	Chaitanya	Chaitanya	Chaitanya
21	160716733026	K MANASA	Rishitha	Rishitha	Rishitha	Rishitha	Rishitha
22	160716733027	KALLU THARUN KUMAR REDDY	Manasa	Manasa	Manasa	Manasa	Manasa
23	160716733028	MOHAMMED SAADUDDIN	Tharun	Tharun	Tharun	Tharun	Tharun
24	160716733029	SALVERU PRIYANKA	Saaduddin	Saaduddin	Saaduddin	Saaduddin	Saaduddin
25	160716733030	VAKITI SRAVYA	Priyanka	Priyanka	Priyanka	Priyanka	Priyanka
26	160716733031	BODDULA RAMAN	Sravya	Sravya	Sravya	Sravya	Sravya
27	160716733032	B NANDU	Raman	Raman	Raman	Raman	Raman
28	160716733033	QAZI MOHD IQBAL HUSSAIN ANWAR	Nandu	Nandu	Nandu	Nandu	Nandu
29	160716733034	CHEERLA HARI CHANDRA PRASAD	Anwar	Anwar	Anwar	Anwar	Anwar
30	160716733035	SAI VINEETH PINNOJU	Hari	Hari	Hari	Hari	Hari
31	160716733036	KEERTHI SHIVA SAI NIKHIL	Vineeth	Vineeth	Vineeth	Vineeth	Vineeth
32	160716733037	BOJJA AISHWARYA	Nikhil	Nikhil	Nikhil	Nikhil	Nikhil
33	160716733038	MOHAMMED IRSHAD MUKKARAM	Aishwarya	Aishwarya	Aishwarya	Aishwarya	Aishwarya
34	160716733039	MOHD MUJEEB UR RAHMAN	Irshad	Irshad	Irshad	Irshad	Irshad
35	160716733040	BODAMEEDI SUNNY	Mujeeb	Mujeeb	Mujeeb	Mujeeb	Mujeeb
36	160716733041	GAYARI ALEKHYA	Sunny	Sunny	Sunny	Sunny	Sunny
37	160716733042	AIRLA PRAVALIKA	Alekha	Alekha	Alekha	Alekha	Alekha
38	160716733044	BHARATH KUMAR MALI	Pravalika	Pravalika	Pravalika	Pravalika	Pravalika
39	160716733045	KAVALI GAUTHAM RAJ	Bharath	Bharath	Bharath	Bharath	Bharath
40	160716733047	PADALA SHREYA	Gautham	Gautham	Gautham	Gautham	Gautham
41	160716733048	TIGULLA VAISHNAVI GOUD	Shreya	Shreya	Shreya	Shreya	Shreya
42	160716733049	KOPANATHI PAVANI	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi	Vaishnavi
43	160716733050	V SWARUPARANI	Pavani	Pavani	Pavani	Pavani	Pavani
44	160716733052	SANIYA FATIMA	Swarupa	Swarupa	Swarupa	Swarupa	Swarupa
45	160716733053	SABA TARANNUM	Fatima	Fatima	Fatima	Fatima	Fatima
46	160716733054	SHRUTHI SHASTRI	Saba	Saba	Saba	Saba	Saba
47	160716733055	JARUSHA SHARON	Shruthi	Shruthi	Shruthi	Shruthi	Shruthi
48	160716733056	MANNE SAISRISHA	Sharon	Sharon	Sharon	Sharon	Sharon
49	160716733058	KALLADA RAVALI	Saisrisha	Saisrisha	Saisrisha	Saisrisha	Saisrisha

Coordinator  
15/04/2019

Department of Computer Science & Information Technology  
Methodist College of Engineering & Technology  
HOD-CSE

METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY  
B.E VI Semester 2019-2020

PHP & MYSQL CERTIFICATE ATTENDANCE

SNO	ROLL NO	STUDENT NAME	22-03-2019	23-03-2019	24-03-2019	31-03-2019	07-04-2019
1	160716733061	D SUCHITHRA RAJ	Raj	Raj	Raj	Raj	Raj
2	160716733064	MOHAMMED ANSAR UL HAQ	Ansar	Ansar	Ansar	Ansar	Ansar
3	160716733065	P AJAY SHYAM	Shyam	Shyam	Shyam	Shyam	Shyam
4	160716733066	MULA SAI KARTHIK	Sai	Sai	Sai	Sai	Sai
5	160716733067	ERRAGALLA AJAY KUMAR	Ajay	Ajay	Ajay	Ajay	Ajay
6	160716733069	AMGOTH PRUTHVIRAJ	Pruthviraj	Pruthviraj	Pruthviraj	Pruthviraj	Pruthviraj
7	160716733071	GANGA PRANAY	Pranay	Pranay	Pranay	Pranay	Pranay
8	160716733072	MOHAMMED SAIFUDDIN	Saifuddin	Saifuddin	Saifuddin	Saifuddin	Saifuddin
9	160716733073	AMBALLA JYOTHI	Jyothi	Jyothi	Jyothi	Jyothi	Jyothi
10	160716733075	SHIVA B	Shiva	Shiva	Shiva	Shiva	Shiva
11	160716733076	SYED ABDUR REHMAN	Syed Abdur Rehman	Syed Abdur Rehman	Syed Abdur Rehman	Syed Abdur Rehman	Syed Abdur Rehman
12	160716733079	ARIKILLA ANUSHA	Anusha	Anusha	Anusha	Anusha	Anusha
13	160716733082	KOTA SHARON ROSE	Sharon	Sharon	Sharon	Sharon	Sharon
14	160716733083	OMER MD ABDUL HAFEEZ	Hafeez	Hafeez	Hafeez	Hafeez	Hafeez
15	160716733085	MOHAMMED OMER AMJAD	Amjad	Amjad	Amjad	Amjad	Amjad
16	160716733088	MAILA RAKESH KUMAR	Rakesh	Rakesh	Rakesh	Rakesh	Rakesh
17	160716733091	NASER MOHIUDDIN FURQAN	Furqan	Furqan	Furqan	Furqan	Furqan
18	160716733092	SURYA KIRAN P	Kiran	Kiran	Kiran	Kiran	Kiran
19	160716733094	KONA AKASH	Akash	Akash	Akash	Akash	Akash
20	160716733096	PALAKURTHI SRAVAN KUMAR	Sraavan	Sraavan	Sraavan	Sraavan	Sraavan
21	160716733106	NAMALA SRINIDHI	N. Srinidhi	N. Srinidhi	N. Srinidhi	N. Srinidhi	N. Srinidhi
22	160716733109	T. RADHIKA SAGAR	Sagar	Sagar	Sagar	Sagar	Sagar
23	160716733113	HAROON AHMED BAKOBAN	Haroon	Haroon	Haroon	Haroon	Haroon
24	160716733114	MOHAMMED JUNAID AHMED	Junaid	Junaid	Junaid	Junaid	Junaid
25	160716733115	GUNDA SAI ANIKETH	Aniket	Aniket	Aniket	Aniket	Aniket
26	160716733116	MOHD NIYAZ AHMED	Niyaz	Niyaz	Niyaz	Niyaz	Niyaz
27	160716733117	NAWAAZ SHARIF	Nawaz	Nawaz	Nawaz	Nawaz	Nawaz
28	160716733118	ARAKATI SHIREESHA	Shireesha	Shireesha	Shireesha	Shireesha	Shireesha
29	160716733120	MOHAMMED LABEEB UDDIN	Labeeb	Labeeb	Labeeb	Labeeb	Labeeb
30	160716733121	ISAAC ABHINAI SESHADRY	Isaac	Isaac	Isaac	Isaac	Isaac
31	160716733301	M VENKATESH KUMAR	Ven	Ven	Ven	Ven	Ven
32	160716733302	PALLAVI SUKDEVA	Sukdev	Sukdev	Sukdev	Sukdev	Sukdev
33	160716733303	VADTHYAVATH NARESH	Naray	Naray	Naray	Naray	Naray

Coordinator

(Signature)

HOD-CSE

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

# 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 <sup>✓</sup>Mr/Ms P Ajay Shyam Bearing R.No: 160716733065  
of III - II Semester CSE Branch, participated in Value-Added  
Course on Web - Development Using PHP and MySQL  
during 22,23,24,31 Mar, 07 Apr - 2019 in Collaboration with Inhouse training Programme.

**Director**

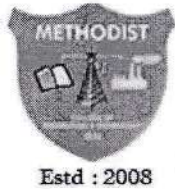
Principal / Director  
Methodist College of Engg. & Tech  
Abids, Hyderabad 501.

**HoD**

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

**Principal**

PRINCIPAL  
METHODIST COLLEGE OF ENGG. & TECH,  
King Koti Road, Abids, Hyderabad.



# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

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Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

IN-HOUSE CERTIFICATE COURSE On “FPGA BASED VLSI DESIGN USING MICRO WIND” – PROGRAM SCHEDULE during  
7,8,14,15,22 SEPT 2018

Day	9.30 - 11.00am	11.00 -12.30pm	<b>LUNCH BREAK</b>	1.15 -2.45pm	3.00 - 4.30pm
Day1	Inauguration, Introduction to VLSI Design	Fabrication Techniques		Electrical Characteristics of MOS devices	Scaling of MOS Devices
Day2	Lay out Design			MOS Amplifier Design	
Day3	Basics of Verilog HDL			Hands on Digital system design using Verilog	
Day4	Overview of Micro wind & Illustration of Design	Designing and analysis of basic circuits using Microwind		Designing and analysis of basic circuits using Microwind	Overview of FPGA Architecture
Day5	Design and simulation of digital circuits using the Xilinx ISE simulator			Running application programs of FPGA kit and analyzing the output	Discussions

COURSE COORDINATOR: MR.P RAMESH BABU

HOD-ECE

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Certificate course on "FPGA BASED VLSI DESIGN USING MICRO WIND" during 7,8,14,15,22 SEP' 2018

CLASS: IV Year I sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160715735001	Mohd Abdul Mughni Noman	Good	Md. Noman
2	160715735002	Mohammad Abdul Sattar	Good	[Signature]
3	160715735003	Rachapudi Abhishikth	Satisfied	Rachapudi
4	160715735006	K Akhila	Excellent	Akhila
5	160715735008	Gandla Ankitha	Good	[Signature]
6	160715735009	Gandhari Anuhya	EXCELLENT	Anuhya
7	160715735012	Kukkadapu Ashwath	EXCELLENT	[Signature]
8	160715735013	Piriya Ashwini	Excellent	[Signature]
9	160715735015	Dachepally Bhavana	EXCELLENT	Bhavana
10	160715735018	Manne Bala Gayathri	Excellent	[Signature]
11	160715735019	Bommena Goutham	EXCELLENT	[Signature]
12	160715735022	Punjari Harika	EXCELLENT	[Signature]
13	160715735023	Hashmitha Reddy Solipuram	Good	[Signature]
14	160715735024	Hikmat Bk	GOOD	[Signature]
15	160715735028	Kethavath Jayaprakash Nayak	EXCELLENT	[Signature]
16	160715735029	T Kalyani Srinivas	EXCELLENT	[Signature]
17	160715735031	Chepyala Madhuri	GOOD	[Signature]
18	160715735032	K Madhusri	Excellent	[Signature]
19	160715735033	Velagacherla Nandini	EXCELLENT	[Signature]
20	160715735034	Vasuri Naveen	EXCELLENT	[Signature]
21	160715735035	Avusula Nikhil	EXCELLENT	[Signature]
22	160715735036	M Nikhil	EXCELLENT	[Signature]
23	160715735037	Tadpali Nikhilkumar	EXCELLENT	[Signature]
24	160715735038	K Nikhitha Reddy	EXCELLENT	[Signature]
25	160715735039	D Venkata Sri Sai Anirudh	Good	[Signature]
26	160715735040	D Pranavi	EXCELLENT	[Signature]
27	160715735041	Chowke Pranayteja	EXCELLENT	[Signature]
28	160715735042	Gambhiraopeta Praneeth	Excellent	[Signature]
29	160715735044	K Prasanna	EXCELLENT	[Signature]
30	160715735045	Kuthadi Pravalika	EXCELLENT	[Signature]
31	160715735046	J. Praveen	EXCELLENT	[Signature]
32	160715735047	Gudipally Priyanka	EXCELLENT	[Signature]
33	160715735048	Kowligi Raghavendra Kumar	EXCELLENT	[Signature]
34	160715735050	Rahul Engle	EXCELLENT	[Signature]
35	160715735051	B Ramesh	Excellent	[Signature]
36	160715735052	B Renuka	EXCELLENT	[Signature]
37	160715735053	Bakki Revanth Kumar	EXCELLENT	[Signature]
38	160715735055	Sriramwar Sai Charan	Excellent	[Signature]
39	160715735056	Nelluri Sai Keerthi	Good	[Signature]
40	160715735057	Kunuru Sai Kumar Goud	Excellent	[Signature]

\* Feed back: Excellent/Good/Satisfactory

Total: 40

Sholha. 2018  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 APJSC HYDERABAD:

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Certificate course on "FPGA BASED VLSI DESING USING MICRO WIND" during 7,8,14,15,22 SEP' 2018

CLASS: IV Year I sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160715735061	Panjala Saikumar	Excellent	P. Saikumar
2	160715735062	Mohammed Shahbaaz	good	Shahbaaz
3	160715735063	U Shirisha	Excellent	Shirisha
4	160715735064	Jidigam Shravan	Excellent	Shravan
5	160715735065	Bachu Shruthi	Excellent	Shruthi
6	160715735066	Gurram Sneha Reddy	Satisfactory	Sneha Reddy
7	160715735068	K Sourabh Kumar Goud	good	Sourabh
8	160715735069	S Sravya	Excellent	Sravya
9	160715735070	Badugu Sreeman	Excellent	Sreeman
10	160715735072	Gutti Surya Teja	Good	G. Surya Teja
11	160715735073	Tokala Swathi	good	Swathi
12	160715735074	Bonala Swetha	Excellent	Swetha
13	160715735075	Syed Tariq	Excellent	Syed Tariq
14	160715735076	Syed Tabassum Najaf	Satisfactory	Tabassum
15	160715735078	Patiballa Tejaswi	Excellent	Tejaswi
16	160715735079	K Uneeth	Excellent	Uneeth
17	160715735080	Kundarapu Varsha	good	Varsha
18	160715735082	Pagadala Vennela	Excellent	Vennela
19	160715735083	Ch Vikas Reddy	Satisfactory	Vikas
20	160715735084	Kala Vinay	Good	Vinay
21	160715735085	M B G S Vinay Kumar	Excellent	M.B.G.S. Vinay Kumar
22	160715735086	K V S S R Vydhic	Excellent	Vydhic
23	160715735087	Gunreddy Yamini	Excellent	Yamini
24	160715735088	Syed Zainuddin	Excellent	Zainuddin
25	160715735093	Asim Mohinuddin.	Excellent	Mohinuddin
26	160715735301	Suryapeta Ravi Teja	Excellent	Ravi Teja
27	160715735302	Pedada Ravi Raj	Good	Ravi Raj
28	160715735304	Lagisetty Harish	Excellent	Harish
29	160715735305	Achchitalwar Manikanta	Good	Manikanta
30	160715735306	D Rajavalli	Excellent	Rajavalli
31	160715735307	Thummala Manasa	Excellent	Manasa
32	160715735308	Shaik Althaf Affak Basha	Excellent	Althaf Affak Basha
33	160715735310	Boda Swetha	Excellent	Swetha
34	160715735311	K Sowmya	Excellent	Sowmya
35	160715735313	Tadiparthi Roshan	Good	Roshan
36	160715735317	Dandu Kavitha	Excellent	Kavitha
37	160715735318	Gurram V Ugender Babu	Good	Ugender Babu
38	160715735319	Alle Vikas	Satisfactory	Vikas
39	160715735322	Banoth Swarupa	Good	Swarupa
40	160715735323	Mohammed Khaleel Siddiqui	Satisfactory	Khaleel Siddiqui
41	160715735324	Rajaboina Dikshith Yadav	Excellent	Dikshith Yadav
42	160714735038	Omika Rani	Excellent	Rani
43	160714735001	S.Mandeep Singh	Good	Mandeep Singh

44	160714735006	Mohammed Naseerudin	Excellent	Mohammed
45	160714735050	Mohammed Asif	good.	Asif
46	160714735072	Fareeda Begum	Excellent	Fareeda
47	160714735303	M.A.Liyaqat	good.	Liyah.
48	160714735307	Gaigulla Nagma	Excellent	Liyah.
49	160714735315	Syed Nisar Ahmed	Excellent	Asif
50	160713735006	Vadagama Dinesh	good	DINESH.

\* Feed back: Excellent/Good/Satisfactory

A: 40  
 Total B: 50  


---

 Total : 90.

Slobha. V  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

# 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 S. Sravya Bearing R.No: 160715735069  
of IV-II Semester ECE Branch, Participated in Certification Courses  
on FPGA Based VLSI Design using during 7, 8, 14, 15, 22 Sep' 2018.  
in Collaboration with microwind IETE Student Branch, MCET.

**Director**

**HoD**

**Principal**





Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

IETE SB Collaborated CERTIFICATE COURSE on "ARDUINO PROGRAMMING & APPLICATIONS" during 19, 20,24,25,31 JAN 2019

Days	9.30 - 11.00am	11.00 -12.30 pm	LUNCH BREAK	1.15 -3.15pm	3.15 - 4.15pm
Day1	Introduction to Embedded systems	Basics of Micro Controllers		Arduino Basics	Arduino Architecture & Board layout Basics
Day2	Fundamentals to Embedded C programming	AVR programmer using Data types and keywords		Arduino Integrated development environment (IDE), identifying Arduino family boards	Connecting system Port to Arduino
Day3	Simple LED Blink Programming	Interfacing of Infra Red sensor		Interfacing of LDR (Analog values), varying the values through Analog & Digital Pins	Interfacing with IR and LED
Day4	Ultrasonic Sensor types	Interfacing of ultra sonic sensor to Arduino		Observing ultra sonic values in serial monitor, Logic to use "For" &"While" loops in Ultrasonic sensor	Logic Blueprint for Obstacle Avoiding Robot
Day5	Interfacing the H-Bridge with Arduino	Motors control using code in Arduino.		Interfacing between Motors and Ultrasonic Sensor, Complete interfacing of Ultrasonic & Motors & LED	Final Obstacle Avoiding Robot

COURSE COORDINATOR: Mr. M SATISH YADAV

HOD-ECE

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 19,20,24,25,31 January'2019

CLASS: IV Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160717735001	RATHI DHEERAJ KUMAR	Satisfactory	[Signature]
2	160717735002	NALIMELA AVANTHIKA	Excellent	[Signature]
3	160717735003	NELAGI PRAHALAD VIRAJA	Satisfactory	[Signature]
4	160717735004	PATLLOLA RAVALI	Excellent	[Signature]
5	160717735005	M DEEPAK REDDY	Good	[Signature]
6	160717735006	BOGA VINAY KUMAR	Good	[Signature]
7	160717735007	THAMMANA KRISHNA PRIYA	Excellent	[Signature]
8	160717735008	MANDAPURAM SAI TEJA	Excellent	[Signature]
9	160717735009	NARSAMPALLY JAYAKAR	Excellent	[Signature]
10	160717735011	CHIMMULA PRADEEP REDDY	Good	[Signature]
11	160717735013	BEKKARI ANKITHA	Excellent	[Signature]
12	160717735014	ABBURI SHASHIDHAR	Good	[Signature]
13	160717735015	BHOOKALA VAISHNAV SAMRAT	Excellent	[Signature]
14	160717735016	NAKSHATRAM KRISHNA SREE	Good	[Signature]
15	160717735017	PRIYAA POTTIPALLI	Excellent	[Signature]
16	160717735018	MOHAMMED AWAISUDDIN	Good	[Signature]
17	160717735020	SHARI SANDEEP REDDY	Excellent	[Signature]
18	160717735022	NAMALA VAISHNAVI	Excellent	[Signature]
19	160717735023	VARAYARI SUSHMA	Excellent	[Signature]
20	160717735025	LONAR HARSHA SAI VARDHAN	Good	[Signature]
21	160717735026	A GAUTHAM	Excellent	[Signature]
22	160717735029	KOLUPULA VINAYSREE	Excellent	[Signature]
23	160717735031	DOKKU VENKATA SAI RAM	Good	[Signature]
24	160717735032	S GNANESWAR	Excellent	[Signature]
25	160717735033	G RAKSHAN	Good	[Signature]
26	160717735034	MEGHNA G	Excellent	[Signature]
27	160717735035	V MOKSHA	Excellent	[Signature]
28	160717735038	BANDARI AKHIL	Excellent	[Signature]
29	160717735039	KOMMU SAI KRISHNA	Good	[Signature]
30	160717735040	MOHAMMED AMER SIDDIQUE	Good	[Signature]
31	160717735041	V UDAY KUMAR	Satisfactory	[Signature]
32	160717735042	BURLE PRIYANKA	Satisfactory	[Signature]
33	160717735043	MOHD SALMAN	Excellent	[Signature]
34	160717735044	AYESHAMAHEEN	Good	[Signature]
35	160717735045	KACHAVA JEETMAL	Good	[Signature]
36	160717735301	ALETI RAVITEJA	Excellent	[Signature]
37	160717735302	BETHI PRANATHI	Excellent	[Signature]
38	160717735303	BIRRU NARENDER	Excellent	[Signature]
39	160717735304	DUBBAKA SAI KUMAR	Good	[Signature]
40	160717735305	EPPAKAYALA ARUN	Good	[Signature]

\* Feed back: Excellent/Good/Satisfactory

*Shobha*  
**HEAD OF THE DEPARTMENT**  
**DEPARTMENT OF ECE**  
**METHODIST COLLEGE OF ENGG. & TECH.**  
**ABIDS, HYDERABAD.**

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 19,20,24,25,31 January'2019

CLASS: IV Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160717735061	NARVA SRINIVAS ANIRUDH	Good	[Signature]
2	160717735062	CHILUKALA PAVITHRA	Good	[Signature]
3	160717735063	D RAJA SEKHAR	Excellent	[Signature]
4	160717735064	BENGALKAR ABHISHEK	Good	[Signature]
5	160717735065	KONKARI PRASANNA	Excellent	[Signature]
6	160717735066	MEHDI TELEGRAPHY	Good	[Signature]
7	160717735067	NARREDDY BHARATH KUMAR	Good	[Signature]
8	160717735068	GOURSHETTY SAGAR	Good	[Signature]
9	160717735069	MOHAMMED MUKARRAM	Satisfactory	[Signature]
10	160717735070	M P D SIVA RAMA KRISHNA	Excellent	[Signature]
11	160717735071	G DIVYA	Excellent	[Signature]
12	160717735073	CHILAKAMARRY SREE RAMYA	Good	[Signature]
13	160717735074	ADAMA SHARATH REDDY	EXCELLENT	[Signature]
14	160717735075	SANDEEP SIDHANTHI	Excellent	[Signature]
15	160717735077	RATAN VIKRAM	Good	[Signature]
16	160717735078	SUNIL KUMAR SARSWA	EXCELLENT	[Signature]
17	160717735079	GURJAR JITENDER KUMAR	Good	[Signature]
18	160717735080	VALLABADAS KEERTHI	Excellent	[Signature]
19	160717735081	MOHAMMED RUWAYD	EXCELLENT	[Signature]
20	160717735082	JANAGANI VINAY	*Good	[Signature]
21	160717735083	MASAVATHRI PRATHUSHA	Excellent	[Signature]
22	160717735084	BIRRE KALYANI	Excellent	[Signature]
23	160717735085	ROHIT RAO PANCHEDHRI	EXCELLENT	[Signature]
24	160717735087	J NANDINI	Good	[Signature]
25	160717735089	G SONALI	Good	[Signature]
26	160717735090	KASULA RITIKA	Good	[Signature]
27	160717735091	BATCHU NAMITA	Good	[Signature]
28	160717735092	THOGARI SRIKANTH	Excellent	[Signature]
29	160717735093	MANASWINI GOSKE	Excellent	[Signature]
30	160717735094	DHADALA ROHITH KUMAR	Excellent	[Signature]
31	160717735095	G MOUNIKA	Good	[Signature]
32	160717735096	VANGARI KUSHAL VAS	Excellent	[Signature]
33	160717735098	BHAVANI SINGARI	Good	[Signature]
34	160717735099	RASKAS ANUSHA	Good	[Signature]
35	160717735100	Y GOUTHAM SRI PHANI DATTA	Excellent	[Signature]
36	160717735101	JARUPULA REVANTH NAYAK	Excellent	[Signature]
37	160717735103	KASHAMSHETTY KARTHIKEYA	Good	[Signature]
38	160717735104	MEDCHALIMI SRUTHI	Excellent	[Signature]
39	160717735106	M SOUMYA	Good	[Signature]
40	160717735107	DONEPATI HEMANTH	Excellent	[Signature]
41	160717735109	NAGILLA PREM KUMAR	Excellent	[Signature]
42	160717735115	MANSI DESHPANDE	Excellent	[Signature]

43	160717735116	BOYAMANA BHAVANA	Good	Good
44	160717735117	MIRZA RAHMAN BAIG	Excellent	Excellent
45	160717735118	THOTA ABHILASH	Excellent	Abhilash
46	160717735316	MANGANE ANAND KUMAR	Good	Meagan
47	160717735318	PADAKANTI RAJESH KUMAR	Satisfactory	R
48	160717735319	PILLI KALYAN	Good	Kalyan
49	160717735322	S POORNA SAI	Excellent	Sai
50	160717735323	SURAPALLAY BABA RAM	Excellent	Ram

\* Feed back: Excellent/Good/Satisfactory

Shona. Nf  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

Total  
 A : 40  
 B : 50  
 -----  
 90 -

# 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 S. Poorna Sai Bearing R.No: 160711735322  
of IV Semester ECE Branch, Participated in Certification Courses  
on Arduino Programming & Appl during 19,20,24,25,31 JAN'2019.  
in Collaboration with IETE Student Branch, MCET.

Director

HoD

Principal

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

EEE Department

Date: 05/01/2019

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 2018-19 (II 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.	A FIVEDAY CERTIFICATE COURSE ON MICRO CONTROLLERS AND ARDUINO	MAR 2019	MEPAC Engineering solutions PVT, Ltd.	Dr.G.Raghuchandra Asst. Professor

Thanking you sir,

*Permitted  
Law*

  
HOD-EEE  
Head of Department  
Department of EEE  
Methodist College of Engg & Tech.  
Abids, Hyderabad-500 081.

### 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.

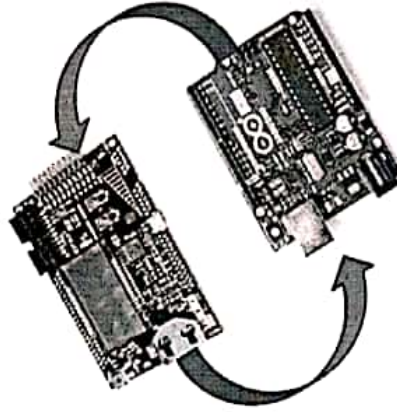
Due to this requirement, Methodist gives a special preference to EEE, and we had built a special base for this group. The laboratories, faculty, etc. for this group are of top notch, and we chalk out various industrial tours, seminars workshops, etc. for the benefit of our students. EEE is one of the 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.

# A FIVE DAY CERTIFICATE COURSE ON MICRO CONTROLLERS AND ARDUINO



**ORGANISED BY**

**Department of Electrical & Electronics Engineering**



From  
12-3-2019  
To  
16-3-2019



Head of Department  
Department of EEE  
Methodist College of Engineering and Technology  
Osmania University

REGISTER ON OR BEFORE 12-03-2019  
GET TO KNOW THE NEXT GENERATION OF  
ARCHITECTURES IN MICROCONTROLLERS

Speaker:  
Person from MEPAC ENGINEERING SOLUTIONS  
Pvt.Ltd.

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Affiliated to Osmania University)

King Koti Road, Abids, Hyderabad, Telangana-500001

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**CERTIFICATE COURSE ON MICRO CONTROLLERS AND ARDUINO**

**SCHEDULE**

	Times	Activity/Session	Location
DAY1	9.30AM	Registration,  Welcome & Introductions Presentation on Understanding electronic elements	Seminar hall
	10.00AM		
	11.00-12.30 PM		
	12.30-1.00pm	Lunch	
	1.00-4.00PM	Practice session	Simulation lab
DAY2	9.30AM	Welcome & Introductions	Seminar hall
	10.00-12.30	Presentation on LED application in traffic light systems,Controlling of LED,SCROLLING TEXT IN LCD DISPLAYS	
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Programming work	Simulation lab
Day3	10.00-12.30	Analog versus digital information	Seminar hall
	12.30-1.00pm		
	1.00-4.00PM	Mapping input to output	Simulation lab
Day4		Developing a project idea	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Brief course in Arduino programming	Simulation lab
Day5	10.00-12.30pm	Presentation on seven segment display applications, controlling servo motor with joystick, Arduino programming	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Coding and Simulink practice session	Simulation lab

  
**Head of Department**  
 Department of EEE  
 Methodist College of Engineering & Technology  
 15, Hyderabad Road, Sec. 10, Hyderabad-500030, India.



## **syllabus**

. It is intended as an orientation to the scope of the workshop, answer a few basic questions about microcontrollers and embedded computing, and establish the goals and expectations of the course.

1. What is a microcontroller?
2. Presentation and discussion of project examples.
3. The possibilities and limitations of the Arduino.
4. Basic terminology.
5. Outline and expectations of the workshop..

### **Brief Course in Arduino Programming**

1. Program notation: variables, functions, control flow, Arduino conventions.
2. The concept of a program variable.
3. Numerical values and basic numerical operators.
4. if/then/else
5. Iteration using for loops.
6. Real world timing and the delay() function.

### **Elementary Electronics**

1. Elementary electrical theory: current, voltage, resistance, and Ohm's Law.
2. Reading a simple schematic.
3. Wiring on a solderless breadboard.
4. Voltage dividers: resistor/resistor, resistor/switch, resistor/photoresistor, resistor/LED.

5. Using a multimeter to measure voltage and resistance.
6. Wiring up a switch with pullup resistor.
7. Wiring up an LED with dropping resistor.
8. Wiring up a photoresistor voltage divider (as basic analog sensor).
9. Making paper apertures for light sensors.

### **Analog versus Digital Signals**

1. Analog versus digital information.
2. Resolution and sampling.
3. Thresholding.
4. Averaging.

### **Mapping Input to Output**

1. Wiring up a hobby servo.
2. Using the Servo library.
3. Creating a simple one-in one-out system.
4. Wiring up a speaker, creating tones.
5. Human interfacing.

### **Developing a Project Idea**

1. Discussion of objectives: simple one-input, one-output device.
2. Discussion of project directions, e.g. temporal behavior and sequencing, animating a physical object, combining movement and sensing.
3. Project planning and pitching.

  
Head of Department  
Department of EEE  
of Engg & Tech  
-500

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**A FIVE DAY CERTIFICATE COURSE ON MICRO CONTROLLERS AND ARDUINO**  
**(DURING 12<sup>TH</sup> MARCH-16<sup>TH</sup> MARCH 2019)**

LIST OF REGISTERED STUDENTS

S.NO	HT NO	NAME	SIGNATURE
1.	160716734001	Suri Sree Sainath	S. Sainath
2.	160716734002	G Praveen Kumar Reddy	G Praveen
3.	160716734003	Devaram Satya Dev Reddy	Devaram
4.	160716734004	ObulreddyAnitha	O. Anitha
5.	160716734005	Sandannagari Govardhan Reddy	S. Govardhan
6.	160716734006	Pasham Srinidhi	P. Srinidhi
7.	160716734007	KuntaPravalika Reddy	K. Pravalika
8.	160716734009	Chittireddy Karthik Reddy	Ch. Karthik
9.	160716734010	Md Asif	MD ASIF
10.	160716734012	ChitimelliRoshini	C. Roshini
11.	160716734013	ChiraboinaUpender Yadav	Ch. Upender
12.	160716734014	Chinthakindi Sunil Kumar	Sunil Kumar
13.	160716734015	Valiveti Sai Pavan Kumar	V. Sai pavan
14.	160716734016	N Ashok Reddy	N. Ashok
15.	160716734017	O Vijay	O. Vijay
16.	160716734018	MahindarkarAmisha	M. Amisha
17.	160716734019	MukkapalliSrujan	M. Srujan
18.	160716734020	Mohammed Shamoan Suleman	M.D. Suleman
19.	160716734021	C Shiva Jyothi	C. Shiva Jyothi
20.	160716734023	Kokkula Sai	Sai
21.	160716734025	Anapu Sai Nikhil Chary	A. Sai Nikhil
22.	160716734027	Marapelly Naveen	M. Naveen
23.	160716734030	Kazi Mohmmed Saif Ullah	K. Saif Ullah
24.	160716734032	Beedarkar Akhilesh Prasad	B. Akhilesh
25.	160716734033	Kyatham Mallika	K. Mallika
26.	160716734036	D Harshitha	D. Harshitha
27.	160716734037	Shaik FirdosHyder	S. FirdosHyder
28.	160716734038	Dharavath Dileep	D. Dileep
29.	160716734042	Ramavath Sunil Naik	R. Sunil Naik
30.	160716734043	Kalluri Swathi Rukmini	K. Swathi
31.	160716734301	BODAS SKIKANTH	B. Skikanth
32.	160716734302	DASOJU PRAKASH	D. Prakash
33.	160716734303	G SANDEEP REDDY	G. Sandeep Reddy
34.	160716734304	GONELA NAVEEN	G. Naveen
35.	160716734305	KETHAVATH VITTAL	K. Vittal
36.	160716734306	K RAGHAVENDRA NAYAK	K. Raghavendra

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

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**A FIVE DAY CERTIFICATE COURSE ON MICRO CONTROLLERS AND ARDUINO**  
**(DURING 12<sup>TH</sup> MARCH-16<sup>TH</sup> MARCH 2019)**

LIST OF REGISTERED STUDENTS

37.	160716734307	MAQBUL PASHA	<i>Maqbul</i>
38.	160716734308	METHRI KUMAR	<i>Methri methri</i>
39.	160716734310	PIDAMARTHI SAMPATH	<i>Sampath Kumar</i>
40.	160716734311	POGULA SOUJANYA	<i>Soujanya</i>
41.	160716734312	POTHU MADHUSHA	<i>Madhusa</i>
42.	160716734313	SABIYA BEGUM	<i>Sabiya</i>
43.	160716734314	SANGEM VINAY KUMAR	<i>S-Vinay Kumar</i>
44.	160716734315	T BHAVANI SHANKAR	<i>T. Bhavani Shankar.</i>
45.	160716734317	VALLAPUREDDY SHRAVYA	<i>Shravya</i>

*[Signature]*  
**Head of Department**  
**Department of EEE**  
**Methodist College of Engg & Tech.**  
**Abids, Hyderabad-500 002.**

# 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 Gowela. Naveen Bearing R.No: 160716734304

of III Semester EEE Branch, Participated in Certification Courses

on 12<sup>th</sup> - 16<sup>th</sup> during March 2019

in Collaboration with MEPAC Engineering Solutions Pvt Ltd



**Director**



**Principal**

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

Department of Civil Engineering

Date: 10/9/2017

TO

The Principal/Director,

MCET,

Hyderabad.

SUB: Request for approval for the CERTIFICATE PROGRAMMES in the current semester –Reg.

Respected sir,

The dept. of CE is planning to conduct the following CERTIFICATE PROGRAMMES (workshops) for the current semester 2017-18 (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	A Certificate course on 3D modelling using AUTO CADD in association with ICT Academy.	18 to 23 September 2017	ICT Academy	Mr Shahed Ali, Asst. Professor

Thanking you sir,

*A. S. Prasad*  
HOD-CE  
Department of Civil Engineering  
METHODIST COLLEGE OF ENGG. & TECH.  
King Koti Road, Abids, Hyderabad.

METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY, ABIDS, HYDERABAD 500001  
DEPT OF CIVIL ENGG

MINUTES OF MEETING

TIMELINE: 2017-18 I SEM

DATE: 10/8/2017, TIME: 12 pm, VENUE: HOD CHAMBER

**AGENDA:**

1. Certificate course - Topic, Date, Coordinator, Deadlines
2. Schedule & course work preparations -Deadlines
3. Requesting approval from Principal
4. Preparation of Student registrations list , Brochure, Certificate & Banner- Deadlines
5. Feedback from students – Forms & analysis

**MEMBERS PRESENT:**

SL. NO	NAME	DEPT	DESIGNATION	SIGN
1	Prof A S PRASAD	CE	PROF & HOD	<i>A.S. Prasad</i>
2	Mr . R Srikanth	CE	ASST.PROF	<i>R Srikanth</i>
3	Mr. Shahed Ali	CE	ASST.PROF	<i>Shahed Ali</i>
4	Mrs. C Chandana Priya	CE	ASST.PROF	<i>C Chandana Priya</i>

**RESOLUTION:**

AGENDA POINT	RESOLUTION	RESPONSIBLE PERSON	TAEGET DATE	REMARKS
1	A Certificate course on 3D modelling using AUTO CADD in association with ICT Academy.	Mr Shahed Ali	20/8/2017	—
2	Schedule & course work to be ready	Mrs C Chandana Priya	19/8/2017	—
3	Approval must be ready	Mr R Srikanth	15/8/2017	—
4	Brochure , Banner, certificates to be ready	Mr R Srikanth	18/8/2017	—
5	Feedback, Analysis of feedback	Mr Shahed Ali	15/8/2017	—

*Shahed Ali*  
COMMITTEE CO-ORDINATOR NAME & SIGNATURE

*Shahed Ali*  
10/8/2017

Date: 10/9/2017

METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY  
Department of Civil Engineering  
**A Certificate course on 3D modelling using AUTO CADD in association with  
ICT Academy.**  
**Schedule and Course Content**

Date	Total Duration : 36 Hours Contents
18 September 2017	<b>1: INTRODUCTION TO AUTOCAD</b> Starting AutoCAD AutoCAD Screen Components Drawing Area Command Window Navigation bar Status bar Invoking Commands in AutoCAD Keyboard Ribbon Application Menu Tool Palettes Menu Bar Toolbar Shortcut Menu AutoCAD Dialog Boxes Starting a New Drawing Open a Drawing Start from Scratch Use a Template Use a Wizard Saving Your Work Save Drawing as Dialog box Using the Drawing Recovery Manager to Recover Files Closing a Drawing Opening an Existing Drawing Opening an Existing Drawing Using the Select File Dialog Box Opening an Existing Drawing Using the Start up Dialog Box Opening an Existing Drawing Using the Drag and Drop Method Quitting AutoCAD Creating and Managing Workspaces Creating a New Workspace Modifying the Workspace Settings Autodesk Exchange Home
19 September 2017	<b>2: GETTING STARTED WITH AUTOCAD</b> Dynamic Input Mode Enable Pointer Input Enable Dimension Input where possible Show command prompting and command input near the crosshairs Drafting Tooltip Appearance Drawing Lines in AutoCAD The Close Option The Undo Option Invoking tools Using Dynamic INPUT/Command Prompt Coordinate Systems Absolute Coordinate System Relative Coordinate System Relative Polar Coordinates Direct Distance Entry Erasing Objects Cancelling and Undoing a Command Object Selection Methods Window Selection Window Crossing Method Drawing a Circle BASIC Display Commands Setting Units
	<b>3: WORKING WITH DRAWING AIDS</b> Introduction Understanding the

20 September 2017	<p>Concept and use of LAYERS Advantages of Using Layers Working with Layers Creating New Layers Making a Layer Current Controlling the Display of Layers Deleting Layers Object Properties Changing the Colour Changing the Line type Changing the Line weight Changing the Plot Style Properties Palette Quick Properties Palette Drafting Settings dialog box Setting Grid Setting Snap Snap Type Drawing Straight Lines using the Ortho Mode Working with Object Snaps Auto Snap Endpoint Midpoint Nearest Centre Tangent Quadrant Intersection Apparent Intersection Perpendicular Node Insertion Snap to None Parallel Extension From Midpoint between 2 Points Temporary Tracking Point Combining Object Snap Modes Running Object Snap Mode Overriding the Running Snap Cycling through Snaps Using Auto Tracking Object Snap Tracking Polar Tracking Auto Track Settings Function and Control Keys</p> <p><b>4: EDITING SKETCHED OBJECTS-I</b> Editing Sketches Moving the Sketched Objects Copying the Sketched Objects Creating Multiple Copies Creating a Single Copy Offsetting Sketched Objects Rotating Sketched Objects Scaling the Sketched Objects Filletting the Sketches Chamfering the Sketches Trimming the Sketched Objects Extending the Sketched Objects Stretching the Sketched Objects Lengthening the Sketched Objects Arraying the Sketched Objects Rectangular Array Polar Array Path Array Mirroring the Sketched objects Text Mirroring</p>
21 September 2017	<p><b>5: EDITING SKETCHED OBJECTS-II</b> Introduction to Grips Types of Grips Editing a Polyline by Using Grips Editing Grippled Objects Changing the Properties Using the PROPERTIES Pale Matching the Properties of Sketched Objects Cycling Through Selection Managing Contents Using the Design enter Autodesk Seek design content Link Displaying Drawing Properties Basic Display Options Redrawing the Screen Regenerating Drawings Zooming Drawings Real-time Zooming All Option Centre Option Extents Option Dynamic Option Previous Option Window Option Scale Option Object Option Zoom In and Out Panning Drawings Panning in Real time</p>
22 September 2017	<p><b>6: CREATING TEXT AND TABLES</b> Annotative Objects Annotation Scale Assigning Annotative Property and Annotation Scales Customizing Annotation Scale Multiple Annotation Scales Assigning Multiple Annotation Scales Manually Assigning Multiple Annotation Scales Automatically Controlling the Display of Annotative objects Creating Text Writing Single Line Text Entering Special Characters Creating Multiline Text Text Window Text Editor Tab Editing Text Editing Text Using the DDEDIT Command Editing Text Using the Properties Palette Modifying the Scale of the Text Inserting Table in the Drawing Table style Area Insert options Area Insertion behaviour Area Column and row settings Area Set cell styles Area</p>
23 September 2017	

  
 Course Coordinator



# 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 **MÉDIGA SARIKA** Bearing R.No: **732055**  
**160716**

of **VI** Semester **CIVIL** Branch, Participated in Certification Courses  
on **20<sup>th</sup> to 25<sup>th</sup> AUGUST** during **STAAD PRO SESSION**  
(2017-18)  
in Collaboration with **IMARAT CONSULTANCY**.

**Director**

**HoD**

**Principal**



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF CIVIL ENGINEERING

A Certificate course on 3D modelling using AUTO CADD in  
association with ICT Academy from 18 to 23 September 2017

III BE--2017--18 --ATTENDANCE SHEET

S.NO	ROLL NUMBER	NAME OF THE STUDENT	FEEDBACK	SIGNATURE
1	160714732001	MOHAMMED ARBAAZ AHMED	Very good	Ahmed
2	160714732025	ADNAN AKBER	Good	Akber
3	160714732036	RATAN PAVAN KUMAR	very good	Pavan
4	160714732059	MOHAMMED KHALEELUDDIN	Good	Muhammad
5	160714732071	ABDUL RAHMAN IDRIS BAJABER	Good	Abdul Rahman
6	160714732085	ABDUL RUMAAN AHMED	Good	Ahmed
7	160714732087	SYED WASEEM HASHMI	Satisfied	Waseem
8	160714732094	MOHAMMED IBRAHEEM	Good	Muhammad
9	160714732099	DAIDA VENKANNA	Very good	Venkanna
10	160714732101	MUNNANGI VISWAMITRA	Good	Viswamitra
11	160715732002	DHANAVATH ABHILASH	Satisfied	Abhilash
12	160715732005	MOHAMMAED HIDAYATULLAH	Excellent	Hidayatullah
13	160715732006	AKASH SURESH GADE	Good	Suresh
14	160715732007	PARAMARIGARI AKHIL KUMAR	Good	Akhil
15	160715732008	MOHD FEROZE ALAM KHAN	Very Good	Alam
16	160715732009	MOHD ALEEM UDDIN NIZAMI	Awsome	Aleem
17	160715732010	A ANAND	Good	Anand
18	160715732011	T ANIKETH SINGH	Good	Singh
19	160715732013	KORSA ANUSHA	Awsome	Anusha
20	160715732014	SANKELLA ANVESH	Good	Anvesh
21	160715732016	ARSHIYA BEGUM	very good	Begum
22	160715732017	MOHD ASADUDDIN	Satisfactory	Asad
23	160715732019	BHARATHA BALAJI	good	Balaji
24	160715732020	SHAIK MAHABOOB BASHA	v. good	Basha
25	160715732021	JARUPULA CHANDULAL	v. good	Chandulal
26	160715732022	TUMMA DHANA LAXMI	Good	Laxmi
27	160715732024	POTHUGANTI DILEEP	Satisfied	Dileep
28	160715732025	NUMBURI DIVYATEJA	Good	Divya
29	160715732032	AYILA HARISH	very good	Harish
30	160715732033	SYED HASAN RAZVI	Good	Razvi
31	160715732034	SYED FARAZ HUSSAIN	Satisfactory	Faraz
32	160715732035	SYED ARSALAN HYDER	Good	Hyder
33	160715732037	PATTAN MOHAMMAD IMRAN ALIKHAN	good	Imran
34	160715732040	SAMAVEDHAM JAYANTH	v. good	Jayanth
35	160715732041	FIRDOUS JEHAN	good	Firdous
36	160715732042	MOHAMMED JUNAID AHMED ABBASI	Good	Junaid
37	160715732044	PALOJU JYOSHNA	very good	Jyoshna

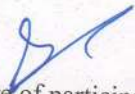
S.NO	ROLL NUMBER	NAME OF THE STUDENT	FEEDBACK	Signature
38	160715732045	KAUNAIN	Satisfied	<u>Kaunain</u>
39	160715732046	PUPPALA KAVERI	Good	<u>Kaveri</u>
40	160715732048	G KISHORE KUMAR	Good	<u>Kishore</u>
41	160715732049	DASA MANIDEEP	Good	<u>Manideep</u>
42	160715732050	MYLAM MANOJ KUMAR	very good	<u>Manoj</u>
43	160715732051	B MANOJ RAJU	Very good	<u>Manoj Raj</u>
44	160715732056	RATHOD NAVEEN	<del>Good</del>	<u>Rathod</u>
45	160715732057	SHAIK NAWAAZ	very good	<u>Nawaz</u>
46	160715732058	K NIKHITHA	very good	<u>Nikhitha</u>
47	160715732060	MD OSMAN	very good	<u>Osman</u>
48	160715732061	SOMANKATAR PRAGNYA	Satisfy	<u>Pragnya</u>
49	160715732062	M PRAKASH	very good	<u>Prakash</u>
50	160715732063	ANASURI PRAVEEN	very good	<u>praveen</u>
51	160715732064	SABAVATH PRUDHVI RAJ	Good	<u>Prudhi</u>
52	160715732065	GAJULA RACHANA	Good	<u>Rachana</u>
53	160715732067	BHUKYA RAJESH	very good	<u>Rajesh</u>
54	160715732068	CHETLA RAJU	Good	<u>Raju</u>
55	160715732070	AMBOTHU RAVI	Good	<u>Ravi</u>
56	160715732071	MUTHYAM RAVI SHANKAR	Good	<u>shankar</u>
57	160715732072	MOHD RAYYAN ANSARI	very good	<u>Ansari</u>
58	160715732073	MOHAMMED REHAN KHAN	very good	<u>rehan</u>
59	160715732074	D RITU	Good	<u>Ritu</u>
60	160715732075	ENJAMURI ROHIT RAJ	Satisfy	<u>Rohit</u>
61	160715732078	ADAKANKAR SAI CHARAN	Good	<u>Sai Charan</u>
62	160715732079	BOLLAM SAI JABILI	Good	<u>Jabili</u>
63	160715732080	PANUGOTHU SAI KUMAR	Good	<u>Sai</u>
64	160715732083	ABDUS SAMAD	v. good	<u>Samad</u>
65	160715732085	MOHAMMED SHAQIB SAYEED	good	<u>Shakib</u>
66	160715732086	INAM ULLAH SHARIFF	Good	<u>shariff</u>
67	160715732088	HARIDAS SHIVAPRASAD	v. good	<u>shariff</u>
68	160715732089	JITTABOINA SHIVAPRASAD	v. good	<u>shariff</u>
69	160715732091	SANE SONY	very good	<u>Sony</u>
70	160715732094	DHARAVATH SRIKANTH	very good	<u>Srikant</u>
71	160715732095	L SRILATHA	Good	<u>Srilatha</u>
72	160715732096	LANKA SRINIVAS	Good	<u>Srinivas</u>
73	160715732097	REKHA SRINIVAS RAO	very good	<u>Srinivas</u>
74	160715732099	SAMUDRALA SUPRIYA	Good	<u>Supriya</u>
75	160715732100	MOHAMMED TALHA	very good	<u>Talha</u>
76	160715732101	E VAMSHEE	Very good	<u>Vanshee</u>
77	160715732102	VASPULA VAMSI	Good	<u>Vamsi</u>
78	160715732103	PYATA VARUN RAJ	Good	<u>Varun</u>
79	160715732104	ODURLA VENKAT RAM REDDY	Satisfied	<u>Venkat</u>
80	160715732105	MANHALLI VIJAY SRIKER ABHISHEK EMMANUEL	Very good	<u>Vijay</u>

S.NO	ROLL NUMBER	NAME OF THE STUDENT	FEEDBACK	Signature
81	160715732106	MAMIDI VINITH KUMAR	Good	Vinith
82	160715732108	BANNOTH VISHWATEJA	Good	Vishwateja
83	160715732109	ABDUL WAHAB	Very good	Wahab
84	160715732110	MUAWIYA ZUBAIR	Very good	Wasit
85	160715732112	MOHAMMED WASIF AHMED	Good	Ahmed
86	160715732301	ALAN JOSEPH	Very good	Kanadiah
87	160715732302	M KANAIAH KUMAR	Good	Kanaiah
88	160715732303	BHEEMANAPALLY THIRUPATHAIAH	Good	Thirupathi
89	160715732304	DEVIREDDY JAGANMOHINI	Very good	Jaganmohini
90	160715732305	K. PRAVEEN KUMAR	Very good	Praveen
91	160715732306	PARNE RAJENDER REDDY	Good	Rajender
92	160715732307	K. VINEETH KUMAR	Good	Vineeth
93	160715732308	B RAMANJANEYELY	Very Good	Ramanjaneyely
94	160715732309	KOMARI KARTHIK NAIDU	Good	Naidu
95	160715732310	GOLLA ANJANEYULU	Very good	Anjaneyulu
96	160715732311	CHINNARAM SANTHOSHA	Very good	Santhosha
97	160715732312	ENUKONDA ANUSHA	Very good	Anusha
98	160715732313	AMBOJI DEEPAK	Good	Deepak
99	160715732314	GATLA MAHESH KUMAR	Good	Mahesh
100	160715732315	MAMILLA MANASA	Very good	Manasa
101	160715732316	GOGULA LINGANNA	Very good	Linganna
102	160715732317	MIRYALA AJAY KUMAR	Very good	Ajay
103	160715732318	M A MALIK	Very good	Malik
104	160715732319	PILANATI HEMANTHA SUDHA	Very good	Sudha
105	160715732320	MIRJUMLA SASHI KUMAR	Good	Sashi
106	160715732321	ASIYA PRAVEEN	Very Good	Praveen
107	160715732322	YERRA VYSHNAVI	Very Good	Yerra
108	160715732323	BANOTHU SHALINI	Good	Shalini
109	160715732324	SYED OMER KHADRI	Satisfied	Khadr
110	160715732325	MADAPATHI ANIL SWAMY	Very good	Anil
111	160715732326	K SEETHARAM	Good	Seeth
112	160715732327	KANDARPA CHANDRAKANTH	Good	Chandra
113	160715732328	DHARAVATH VENKANNA	Good	Venkanna

**Certificate Program Evaluation Form**

Certificate program Title: ① Certificate course on 3D modelling using Auto cad associated with ICT Academy  
Date: 18 to 23 September 2017.  
Instructor: Dr. Sudeer Reddy

- |   | Strongly agree |   | Strongly disagree |
|---|----------------|---|-------------------|
| 7. The Certificate program is applicable to me                  | 1 ✓            | 2 | 3                 |
| 8. The Certificate program was presented in an organized manner | 1 ✓            | 2 | 3                 |
| 9. The instructor was knowledgeable on the topic                | 1 ✓            | 2 | 3                 |
| 10. I recommend this Certificate program to others              | 1 ✓            | 2 | 3                 |
| 11. I obtained the required skill in the course                 | 1 ✓            | 2 | 3                 |
12. My Rating for this Certificate program ..  Excellent  Good  Satisfactory
8. Any suggestions for improvement  
no need of need improvement

  
Signature of participant

**Certificate Program Evaluation Form**

Certificate program Title: ① certificate course on 3D modelling using Auto cad associated with ICT Academy  
Date: 18 to 23 sept 2017  
Instructor: Dr. Sudeer Reddy

- |   | Strongly agree |   | Strongly disagree |
|---|----------------|---|-------------------|
| 1. The Certificate program is applicable to me                  | 1 ✓            | 2 | 3                 |
| 2. The Certificate program was presented in an organized manner | 1 ✓            | 2 | 3                 |
| 3. The instructor was knowledgeable on the topic                | 1 ✓            | 2 | 3                 |
| 4. I recommend this Certificate program to others               | 1 ✓            | 2 | 3                 |
| 5. I obtained the required skill in the course                  | 1 ✓            | 2 | 3                 |
6. My Rating for this Certificate program ..  Excellent  Good  Satisfactory
7. Any suggestions for improvement  
no.

  
Signature of participant

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

EEE Department

Date: 19/01/2018

TO

The Principal/Director,

MCET,

Hyderabad.

SUB: Minute of Meeting for approval for conductio<sup>n</sup> 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 2017-18 (II 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.	CERTIFICATE COURSE ON DESIGNING SOLAR PV SYSTEMS	FEB 2018	GREEN ENERGY TECHNOLOGIES, HYD	Mr. J.RAMESH Asst. Professor

Thanking you sir,

*Approved*  
*Lawrence*

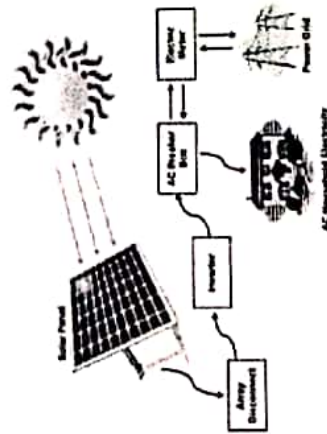
  
HOD-EEE

Head of Department  
Department of EEE  
Methodist College of Engg & Tech.  
Abids, Hyderabad-500 088

## 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 on or before 20-2-2018  
&  
Know the methods to conserve  
energy and ways to reduce your  
energy bill



## FIVE DAY CERTIFICATE COURSE ON DESIGNING SOLAR PV SYSTEMS

**ORGANISED BY**

*Department of Electrical & Electronics Engineering*

19-2-2018 TO 23-08

Head of Department  
Department of Electrical & Electronics Engineering  
Methodist College of Engineering and Technology  
Osmania University



**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**

(Affiliated to Osmania University)

King Koti Road, Abids, Hyderabad, Telangana-500001

**Speaker:**  
B.Purusotham Chary, Manager, Green Energy Technologies

# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### CERTIFICATE COURSE ON DESIGNING SOLAR PV SYSTEMS

#### SCHEDULE

	Times	Activity/Session	Location
DAY1	9.30AM	Registration,	Seminar hall
	10.00AM	Welcome & Introductions	
	11.00-12.30 PM	Presentation on Solar Energy Fundamentals & PV System	
	12.30-1.00pm	lunch	
	1.00-4.00PM	Presentation on Optimizing Design of Household applications	Seminar hall
DAY2	9.30AM	Welcome & Introductions	Seminar hall
	11.00-12.30 PM	System Components and Configurations	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Cells, Modules, and Arrays & practice session	OUTDOOR, MCET
DAY3	9.30AM	Charge Controllers & Inverters	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	1. Mechanical Integration 2. Electrical Integration 3. Commissioning, Maintenance, and Troubleshooting	Seminar hall
DAY4			Seminar hall
	10.00-12.30 PM	Presentation on standalone systems and hybrid systems	
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Programming work	Seminar hall
DAY5	10.00-12.30 PM	Presentation on Design and implementation solar energy system for electrification rural areas	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Practice session on pv cells	Out doormcet

  
Head of Department  
Department of EEE  
Methodist College of Engineering & Technology



## **COURSE OBJECTIVES**

4. Solar Energy Fundamentals.
5. PV System Electrical Design.
6. Optimizing Design of Household
7. standalone systems and hybrid systems
8. Design and implementation solar energy system for electrification rural areas
9. Solar Photovoltaic Programme ( R & D)
10. introduction to Photovoltaic Systems
  
11. solar Radiation
12. Site Surveys and Preplanning
13. System Components and Configurations
14. Cells, Modules, and Arrays
15. Batteries
16. Charge Controllers
17. Inverters
18. System Sizing
19. Mechanical Integration
20. Electrical Integration
21. Commissioning, Maintenance, and Troubleshooting

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

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
 DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
**A FIVE DAY CERTIFICATE COURSE ON DESIGNING POLAR PV CELLS**  
**(DURING 19<sup>TH</sup> FEB - 23<sup>RD</sup> FEB 2018)**  
 LIST OF REGISTERED STUDENTS

S.NO	HT NO	NAME	SIGNATURE
1.	160716734001	Suri Sree Sainath	S. Sainath
2.	160716734002	G Praveen Kumar Reddy	Praveen. G
3.	160716734003	Devaram Satya Dev Reddy	Satyadev
4.	160716734004	ObulreddyAnitha	Obulreddy Anitha
5.	160716734005	Sandannagari Govardhan Reddy	G. Govardhan
6.	160716734006	Pasham Srinidhi	P. Srinidhi
7.	160716734007	KuntaPravalika Reddy	Pravalika
8.	160716734008	MupparapuSudheshtna	Sudheshtna
9.	160716734009	Chittireddy Karthik Reddy	Ch. Karthik
10.	160716734010	Md Asif	MD ASIF
11.	160716734012	ChitimelliRoshini	Roshini
12.	160716734013	ChiraboinaUpender Yadav	Ch. Upender
13.	160716734014	Chinthakindi Sunil Kumar	Sunil
14.	160716734015	Valiveti Sai Pavan Kumar	V. Sai pavan
15.	160716734016	N Ashok Reddy	Ashok
16.	160716734017	O Vijay	O. vijay
17.	160716734018	MahindarkarAmisha	Amisha
18.	160716734019	MukkapalliSrujan	M. Srujan
19.	160716734020	Mohammed Shamoon Suleman	Suleman
20.	160716734021	C Shiva Jyothi	C. Shiva jyothi
21.	160716734022	M Chiranjeevi	M. Chiranjeevi
22.	160716734023	Kokkula Sai	Sai. K
23.	160716734024	Md Ghouseuddin	Ghouseuddin
24.	160716734025	Anapu Sai Nikhil Chary	Sai Nikhil
25.	160716734027	Marapelly Naveen	M. Naveen
26.	160716734029	MOHAMMED HUSSAIN	Mohammed Hussain
27.	160716734030	Kazi Mohmmed Saif Ullah	Saif Ullah
28.	160716734032	Beedarkar Akhilesh Prasad	Akhilesh
29.	160716734033	Kyatham Mallika	Mallika
30.	160716734036	D Harshitha	D. Harshitha
31.	160716734037	Shaik FirdosHyder	Firdos hyder
32.	160716734038	Dharavath Dileep	D. Dileep
33.	160716734042	Ramavath Sunil Naik	R. Sunil
34.	160716734043	Kalluri Swathi Rukmini	Swathi
35.	160716734301	BODAS SRIKANATH	Srikanth

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

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**A FIVE DAY CERTIFICATE COURSE ON DESIGNING POLAR PV CELLS**  
**(DURING 19<sup>TH</sup> FEB – 23<sup>RD</sup> FEB 2018)**  
**LIST OF REGISTERED STUDENTS**

36.	160716734302	DASOJU PRAKASH	Prakash. D.
37.	160716734303	G SANDEEP REDDY	Sandeep
38.	160716734304	GONELA NAVEEN	Naveen. G.
39.	160716734305	KETHAVATH VITTAL	Vittal
40.	160716734306	K RAGHAVENDRA NAYAK	Raghu
41.	160716734307	MAQBUL PASHA	Maqbool
42.	160716734308	METHRI KUMAR	Methri
43.	160716734309	MOHD HAFEEZ QURESH	Hafeez
44.	160716734310	PIDAMARTHI SAMPATH	Sampath
45.	160716734311	POGULA SOUJANYA	Soujanya. P.
46.	160716734312	POTHU MADHUSHA	Madhusa
47.	160716734313	SABIYA BEGUM	Sabiya
48.	160716734314	SANGEM VINAY KUMAR	S. Vinay Kumar
49.	160716734315	T BHAVANI SHANKAR	T. Bhavani Shankar
50.	160716734317	VALLAPUREDDY SHRAVYA	V. Shavya

*IN*  
INCHARGE

*[Signature]*  
HOD/EEE

# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

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

King Koti Road, Abids, Hyderabad - 500 001, Telangana, INDIA



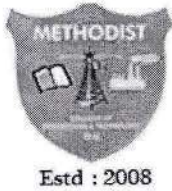
## Certificate of Participation

Certified that Mr/Ms Kokkula Sai Bearing R.No: 160716T34023  
of II Semester EEE Branch, Participated in Certification Courses  
on 19<sup>th</sup> - 23<sup>rd</sup> during February 2018  
in Collaboration with Green Energy Technologies, Hyd.

  
Director

  
HOD

Principal



# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

IN-HOUSE CERTIFICATE COURSE on "Creation & Simulation of Micro strip Antennas using HFSS" during 5,6, 24,25,26 AUG 2017

Day	9.30 - 11.00am	11.00 -12.30pm	<b>LUNCH BREAK</b>	1.15 -2.45pm	3.00 - 4.30pm
Day1	Inauguration, Basics on Antennas	Antenna parameters		Types of Antenna	Near field and far field patterns of antennas
Day2	Antenna arrays	Patch antennas		Micro strip Antennas	Design and analysis of micro strip antenna
Day3	Introduction to ANSYS HFSS software	Hands on HFSS		HFSS Lumped and wave port basics	HFSS Lumped and wave port basics
Day4	Half wave dipole antenna design using HFSS	Half wave dipole antenna analysis		Create, Simulate and Analyze a Micro strip Rectangular Patch Antenna	
Day5	Create, Simulate and Analyze a Probe Feed Patch Antenna			Comparative study on different EM simulation soft wares	Discussions

COURSE COORDINATOR: MR. T. SRAVAN KUMAR

*Shobana*  
HOD-ECE

# EGE OF ENGINEERING & TECHNOLOGY

Organised by Govt. of A.P. and Affiliated to Osmania University)  
Hyderabad – College Code No.1607 O.U

Certificate course on "Creation & Simulation of Micro strip Antennas using HFSS" during 5,6, 24,25,26 AUG 2017

Name of the Candidate	
S MANDEEP SINGH	S. Man Singh
PUSKURI KAVYA SRI	P. Kavysri
MAHJABEEN TABASSUM	M. Tabassum
MOHAMMED SHAH NASEERUDDIN	M. Shah
KONDURU SPANDANA	K. Spandana
POGUL SHRUTI VENKATESH	P. Venkatesh
GADDAM SOUJANYA	G. Soujanya
AELGANI REVANTH GOUD	A. Revanth
MOHAMMED ASIFUDDIN	M. Asifuddin
NALLAVAGULA MANASA	M. MANASA
DHAMMA SHASHI KUMAR	D. Shashi
V SRAVYA DEVI	V. Sravya Devi
KOLANU RAHUL	K. Rahul
THOTA LOKESH	T. Lokesh
SONALI PUPPALA	S. Puppala
B ANIL KUMAR	B. Anil Kumar
MIR QAYAM HUSSAIN	M. Qayam Hussain
VISNAGARI PREETHISUDHA	V. Preethisudha
P AKAS KUMAR	P. Akas Kumar
NIHAAR L AKULA	N. Akula
H SAPNA	H. Sapna
OMIKA RANI	O. Omika Rani
SYED ARSALAN	Syed Arsalan
KODAM VAISHALI	K. Vaishali

JAVAJI PRATHIBHA	J Prath
SANA FATHIMA	SANA FATIMA
ANUGU GAYATHRI	A. Gayathri
MOHAMMED ASIF	md Asif
BALUVOORI KARUNYA KAMALA	Karunya Kamala
BANDI BLESSY ABIGAIL	Abigail
GURIMILLA LAYA	Laya
THUMNOORI RAHUL TEJA	Rahul Teja
RAVI TEJA KANDAGATLA	Ravi
MANTHA LAXMI KIRANMAI	L.ks
PODDATURI RAMYA SHRI	Ramy
THUMMALA AKSHATH REDDY	Akshath Reddy
MALE RAJESH	Rajesh
NISHANTH S RAJSEKHAR	Rajsekhar
LINGAMPETA MALLIKARJUN GOUD	Mallikarjun
SHAIK MAIRAJ	Mairaj
FEREEDA BEGUM	Fereeda
ASARI ANIL	Anil
GANJI KARTHIK	KARTHIK
NELLOJU PRATHIBA	Prathiba
ARSHIYA NOOREEN	Nooreen
NUSRATH FATHIMA	Fathima
NADEM PRATHYUSHA	Prathyusha
LIKHITHA K	Likhitha k
METHRI BHAGYA LAXMI	Laxmi
MALLEPALLY SRINIJA	Srinija
YARLAGADDA VARNIKA	Varnika
J.BIKSHAPATHI	Bikshapathi
A.LAXMAN KUMAR	L. Kumar
M.A.LIYAQAT	Liyaqat

G.MD.HUSSAINI QURESHI
P.NAGESH
G.NAGMA
G.NANDINI
D.N.SANTHOSHI RUPA
G.RAVINDER
D.SANDHYA RANI
SYED NAYEEMUDDIN
SYED NISAR AHMED
ABDUL SAMEER

Qureshi  
Nagesh  
Nagma  
Nandini  
Santhoshi  
Ravi  
D-Sani  
S-d Nayeemuddin  
Nisar Ahmed  
Abdul

Total: 64

HOD



# 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 B. ANIL KUMAR Bearing R.No: 160714735032  
of IV-I Semester ECE Branch, Participated in Certification Courses  
on Creation & Simulation of during 5, 6, 24, 25, 26 AUG '2017  
microstrip Antenna Using HFSS  
in Collaboration with In house training programme.

**Director**

**HoD**

**Principal**



Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

## ARMTRONICS Collaborated Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT"

during 23, 24 FEB & 2, 3, 9 MAR 2018

DAY	9:30-11:30am	11:00-12:30pm	Lunch break	1:15-3:15pm	3:15-4:15pm
DAY-1	Introduction to micro controller	Basics and types of microcontrollers		Uses of Arduino and Raspberry Pi	Basics of sensors and actuators
DAY-2	Basics of Raspberry pi	Versions of Raspberry pi and its applications		Introduction to the Internet of Things	Introduction to Cloud Computing
DAY-3	Starting with embedded systems	The Arduino Open-Microcontroller Platform		Reading from Sensors * Programming fundamentals ( C program )	* Arduino Programming & Interface of Sensors
DAY-4	Project 1: Simple LED Program for Arduino Project 2: Integrating Sensors & Reading Environmental Physical Values. Project 3: Reading Environmental Values on Android Smartphone	Project 4: Creating Android App using MIT App Inventor & controlling arduino connected devices through App.		Control Devices using Localhost Web Server for Home Automation. • Integrating Ethernet Module & Testing DHCP Connection • Creating Program for Localhost Web Server for controlling devices.	* OS Installation on SD Card Downloading Image Study Various Operating Systems Available Making SD Card: Formatting and Partitions Raspberry Pi SD Installer * OS Configuration
DAY-5	<ul style="list-style-type: none"> <li>• Booting Into Desktop</li> <li>• GUI Version</li> <li>• CLI Desktop</li> <li>• Changing Timezone</li> <li>• Other Options</li> <li>• Raspi-Config</li> <li>• Test</li> </ul>	<ul style="list-style-type: none"> <li>• Network Setup</li> <li>• Setting Up Using GUI</li> <li>• Setting Up Using Command Line</li> <li>• Finding Pi's IP Address</li> <li>• Connecting with Wi-Fi/ LAN/ Datacard</li> </ul>		<ul style="list-style-type: none"> <li>GPIO</li> <li>• Study GPIO Pins</li> <li>• Libraries Using Git</li> <li>• Configuring GPIO Pins</li> </ul>	Project 12: LED Program with Raspberry Pi Project 13: Controlling LED with a Switch using Raspberry Pi. Project 14: Integrating IR Sensor with Raspberry Pi.

COURSE COORDINATOR: Mr. ARJUN MODI, ARMTRONICS LTD.

HOD-ECE

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

ARMTRONICS Collaborated Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during  
 23,24 FEB & 2,3,9 MAR 2018.

CLASS: IV Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160716735001	T SATISH REDDY	Excellent	Satish Reddy
2	160716735002	P SHIVANEESH REDDY	Good	Shivaneesh Reddy
3	160716735003	ANAS SHAKEEL	Good	A. Shakeel
4	160716735004	T MANOHAR REDDY	Good	Manohar Reddy
5	160716735005	U SUMANTH	Excellent	Sumanth
6	160716735006	AKARAPU HARSHITHA	Excellent	Harshitha
7	160716735007	NUKALA SOWMYA	excellent	Sowmya
8	160716735008	MOHD ABRARUDDIN DASTAGIR	Good	Sowmya
9	160716735009	M NIHARIKA REDDY	good	miniharika
10	160716735010	BODLA SINDHUPRIYA	Excellent	Sindhu Priya
11	160716735011	POSHAMALLA SRAVAN GOUD	Excellent	Sarav
12	160716735014	GAJBINKAR VENTKAT SAI	Good	Ventkatsai
13	160716735015	INDRA KUMAR A	Good	Indra
14	160716735016	DEEPAK KACHAVA	satisfactory	D. Kachava
15	160716735017	RAVURI SAI VIKAS	Excellent	Vikas
16	160716735018	R RAGHUPATHI REDDY	splendid	Raghu
17	160716735019	MANCHIKATLA PRIYANKA	Good	Priyanka
18	160716735020	RAMAL JAGAN HANUMANKAR	Good	Jagan
19	160716735021	KALLEM PRATHYUSHA	Excellent	Prathyusha
20	160716735022	N S P P DEVI	Good	P. Devi
21	160716735024	K M V N P SREE POOJITHA	Excellent	Pooja
22	160716735025	VELIMINETI RAGHUNATH REDDY	Good	V. Raghunath
23	160716735027	M SYAMAASHWARYABHARTI	splendid	Aishwarya
24	160716735028	KASTURE OMKAR	Good	Omkar
25	160716735029	EDALA ISHWARYA	Excellent	Bhuvana
26	160716735030	PENDYALA SRIKANYA	Good	Srikanya
27	160716735031	AYESHA	Nice	Ayesha
28	160716735032	GOLLAPALLI SRAVANTHI	Nice	Sravanthi
29	160716735034	B MADHU YADAV	Excellent	Madhu
30	160716735035	PUVALA RANA PRASAD	Good	Prasad
31	160716735036	C DHARMENDAR	Good	Dharmendar
32	160716735037	G SRAVANI	Good	Sravani
33	160716735038	M PRATHYUSHA	Excellent	Prathyusha
34	160716735039	BOBBALA NARESH	Good	Naresh
35	160716735042	CH BHUVANA	Great	Bhuvana
36	160716735043	KONKI ARAVIND	good	Aravind
37	160716735047	KATUKAM ANUROOP	Good	Anuroop
38	160716735049	MANDOJU DHEERAJ	Good	Dheeraj
39	160716735050	PITHANI LIKHILA DEVI	Excellent	Likhila Devi
40	160716735051	NALLAVGULA SHIVANI	Fantastic	Shivani
41	160716735052	POLASA MUKESH KUMAR	Good	Mukesh
42	160716735053	P THANMAYEE	good	Thanmayee
43	160716735054	P ALEKHYA	Excellent	Alekha
44	160716735055	K NAGENDRA BABU	good	K. Nagendra Babu

**HEAD OF THE DEPARTMENT**  
**DEPARTMENT OF ECE**  
**METHODIST COLLEGE OF ENGG. & TECH.**  
**ABIDS, HYDERABAD.**

\* Feed back: Excellent/Good/Satisfactory

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

ARMTRONICS Collaborated Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during  
 23,24 FEB & 2,3,9 MAR 2018

CLASS: IV Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160716735061	S PRANAV	Excellent	Pranav
2	160716735062	GUGGILAPU NAGA SRIVALLI	Excellent	Srivalli
3	160716735063	SAMALA SRIDHAR	Excellent	Sridhar
4	160716735064	CHEPURI SRI SAI	Good	Sai
5	160716735065	GURRAM TEJASVI	Excellent	Tejasvi
6	160716735066	SIRUPURAM AKHIL	Good	Akhil
7	160716735067	VISHWANADHAM SHALINI	Nice	Shalini
8	160716735068	C KAVYA	excellent	Kavya
9	160716735070	G JYOTHIPRASANNA	splendid	Jyothi
10	160716735071	P SRI DIVYA	Excellent	Divya
11	160716735072	A SREEKANTH JOHN VARUN	Good	Varun
12	160716735074	DIVITY BHARGAV	Good	Bhargav
13	160716735075	R NAVYA	Excellent	Navya
14	160716735076	KOVA DEVI VARAPRASAD	Nice	Prasad
15	160716735077	S.V.S AKHIL	good	Akhil
16	160716735081	MOHAMMED ABDUL SATTAR	good	Sattar
17	160716735082	B VINAY KUMAR	Excellent	Vinay
18	160716735083	PYARAM ABHISHEK KUMAR	Satisfactory	Abhishek
19	160716735084	BURIGALLA PRASHANTH	Excellent	Prashanth
20	160716735085	SHAIK AMIR AHMED	Excellent	Amir
21	160716735086	AESURI SAI PRIYA	good	Priya
22	160716735087	POTTIPALLI SWARAJ PAUL	good	Paul
23	160716735089	HUSNA FATHIMA	Good	Fathima
24	160716735090	V REBEKAH	excellent	Rebekah
25	160716735091	THEJAVATH BHASKAR	Excellent	Bhaskar
26	160716735092	K RAJESHWARI	Excellent	Rajeshwari
27	160716735096	GOPALPUTTI KARISHMA	excellent	Karishma
28	160716735097	VELAKURTHY DHARANIDHAR	good	Dharanidhar
29	160716735098	LONKA YUVA NIKHIL REDDY	good	Nikhil
30	160716735099	BODDUPALLY AISHWARYA RAJ	good	Aishwarya
31	160716735101	N.NINISHA REDDY	Good	Ninisha
32	160716735301	BARAJU KARTHIK	good	Karthik
33	160716735302	DUDDU PRABHA SOWMYA SREE	good	Sowmya
34	160716735303	K ANUSHA	Excellent	Anusha
35	160716735304	KADABOYINA VINAY KUMAR	Good	Vinay
36	160716735308	MALLAPULLA MADHUSUDHAN	Excellent	Madhusudhan
37	160716735309	MARGONWAR VISHWA TEJA	Good	Teja
38	160716735310	NALLA BHANUVARDHAN REDDY	good	Bhanu
39	160716735311	PABBA VARUN	Excellent	Varun
40	160715735309	PULLA SAI SHARAN	good	Sai Sharan
41	160715735060	GUADA SAI KRISHNA	Excellent	Krishna

\* Feed back: Excellent/Good/Satisfactory

HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

# 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 Sai Priya Alesuni Bearing R.No: 16071673508E  
of III-II Semester ECE Branch, Participated in Certification Courses  
on Embedded Systems Design & Development during 23,24 Feb & 2,3,9 Mar'2018  
in Collaboration with Armtronics Pvt. Ltd, Hyderabad.

  
**Director**

  
**HoD**

  
**Principal**



Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

IETE SB Collaborated Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 3, 4,15,16,17 MAR 2018

Days	9.30 - 11.00am	11.00 -12.30 pm	<b>LUNCH BREAK</b>	1.15 -3.15pm	3.15 - 4.15pm
Day1	Introduction to Embedded systems	Basics of Micro Controllers		Arduino Basics	Arduino Architecture & Board layout Basics
Day2	Fundamentals to Embedded C programming	AVR programmer using Data types and keywords		Arduino Integrated development environment (IDE), identifying Arduino family boards	Connecting system Port to Arduino
Day3	Simple LED Blink Programming	Interfacing of Infra Red sensor		Interfacing of LDR (Analog values), varying the values through Analog & Digital Pins	Interfacing with IR and LED
Day4	Ultrasonic Sensor types	Interfacing of ultra sonic sensor to Arduino		Observing ultra sonic values in serial monitor, Logic to use "For" &"While" loops in Ultrasonic sensor	Logic Blueprint for Obstacle Avoiding Robot
Day5	Interfacing the H-Bridge with Arduino	Motors control using code in Arduino.		Interfacing between Motors and Ultrasonic Sensor, Complete interfacing of Ultrasonic & Motors & LED	Final Obstacle Avoiding Robot

*M. Satish*  
COURSE COORDINATOR: Mr. SATISH YADAV

*Shobha*  
HOD-ECE

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

IETE SB Collaborated Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during  
 3,4,15,16,17 MAR 2018

CLASS: IV Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160716735002	P SHIVANEESH REDDY	Good	Reddy
2	160716735003	ANAS SHAKEEL	Excellent	Shakeel
3	160716735004	T MANOHAR REDDY	Good	Manohar
4	160716735005	U SUMANTH	Good	Sumanth
5	160716735006	AKARAPU HARSHITHA	Good	Harshitha
6	160716735007	NUKALA SOWMYA	Excellent	Sowmya
7	160716735008	MOHD ABRARUDDIN DASTAGIR	Excellent	Dastagir
8	160716735009	M NIHARIKA REDDY	Good	Niharika
9	160716735010	BODLA SINDHUPRIYA	Excellent	Bodla
10	160716735011	POSHAMALLA SRAVAN GOUD	Excellent	Sravangoud
11	160716735014	GAJBINKAR VENTKAT SAI	Excellent	Ventkat Sai
12	160716735015	INDRA KUMAR A	Good	Indra
13	160716735016	DEEPAK KACHAVA	Excellent	Kachava
14	160716735021	KALLEM PRATHYUSHA	Excellent	Prathyusha
15	160716735022	N S P P DEVI	Good	N S P P Devi
16	160716735024	K M V N P SREE POOJITHA	Good	Poojitha
17	160716735025	VELIMINETI RAGHUNATH REDDY	Good	Raghunath
18	160716735029	EDALA ISHWARYA	Excellent	Ishwarya
19	160716735030	PENDYALA SRIKANYA	Excellent	Srikanya
20	160716735031	AYESHA	Excellent	Ayesha
21	160716735032	GOLLAPALLI SRAVANTHI	Good	Sravanthi
22	160716735034	B MADHU YADAV	Excellent	Madhu
23	160716735035	PUVALA RANA PRASAD	Excellent	Rana Prasad
24	160716735036	C DHARMENDAR	Good	Dharmendar
25	160716735037	G SRAVANI	Excellent	Sravani
26	160716735038	M PRATHYUSHA	Excellent	Prathyusha
27	160716735039	BOBBALA NARESH	Good	Naresh
28	160716735042	CH BHUVANA	Excellent	Bhuvana
29	160716735043	KONKI ARAVIND	Excellent	Aravind
30	160716735047	KATUKAM ANUROOP	Excellent	Anuroop
31	160716735049	MANDOJU DHEERAJ	Good	Dheeraj
32	160716735050	PITHANI LIKHILA DEVI	Good	Likhila Devi
33	160716735051	NALLAVGULA SHIVANI	Excellent	Shivani
34	160716735052	POLASA MUKESH KUMAR	Excellent	Mukesh Kumar
35	160716735053	P THANMAYEE	Good	Thanmayee
36	160716735054	P ALEKHYA	Excellent	Alekhy
37	160716735055	K NAGENDRA BABU	Good	Nagendra Babu
38	160716735056	SOMALA SRAVYA	Excellent	Sravya
39	160716735057	VAVILLA AJAY KUMAR	Excellent	Ajay Kumar
40	160716735058	ADEPU SRINATH	Good	Srinath

\* Feed back: Excellent/Good/Satisfactory

*Signature of Head of Department*  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF EC  
 METHODIST COLLEGE OF ENGG. &  
 HYDERABAD.

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

IETE SB Collaborated Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 3,4,15,16,17

MAR 2018

CLASS: IV Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160716735061	S PRANAV	Excellent	Santhi
2	160716735062	GUGGILAPU NAGA SRIVALLI	Good	Srivalli
3	160716735063	SAMALA SRIDHAR	Excellent	Sridhar
4	160716735064	CHEPURI SRI SAI	Good	Sri Sai
5	160716735065	GURRAM TEJASVI	Excellent	Tejasvi
6	160716735066	SIRUPURAM AKHIL	Good	Akhil
7	160716735067	VISHWANADHAM SHALINI	Excellent	Shalini
8	160716735068	C KAVYA	Good	Kavya
9	160716735070	G JYOTHIPRASANNA	SATISFIED	Jyothi
10	160716735071	P SRI DIVYA	Satisfactory	Divya
11	160716735072	A SREEKANTH JOHN VARUN	SATISFIED	Varun
12	160716735074	DIVITY BHARGAV	Excellent	Divity
13	160716735075	R NAVYA	Excellent	R. Navya
14	160716735076	KOVA DEVI VARAPRASAD	Good	Kova
15	160716735077	S.V.S AKHIL	EXCELLENT	Akhil
16	160716735081	MOHAMMED ABDUL SATTAR	Excellent	Sattar
17	160716735082	B VINAY KUMAR	Good	Vinay
18	160716735083	PYARAM ABHISHEK KUMAR	Good	Abhishek
19	160716735084	BURIGALLA PRASHANTH	Excellent	Prashanth
20	160716735085	SHAIK AMIR AHMED	Excellent	Amir
21	160716735086	AESURI SAI PRIYA	Good	Sai Priya
22	160716735087	POTTIPALLI SWARAJ PAUL	EXCELLENCE	Swaraj
23	160716735089	HUSNA FATHIMA	Excellent	Fathima
24	160716735090	V REBEKAH	Good	Rebekah
25	160716735091	THEJAVATH BHASKAR	Excellent	Bhaskar
26	160716735092	K RAJESHWARI	EXCELLENCE	Rajeshwari
27	160716735096	GOPALPUTTI KARISHMA	Satisfactory	Karishma
28	160716735097	VELAKURTHY DHARANIDHAR	Excellent	Dharanidhar
29	160716735098	LONKA YUVA NIKHIL REDDY	EXCELLENCE	Nikhil
30	160716735099	BODDUPALLY AISHWARYA RAJ	Excellent	Aishwarya
31	160716735101	N.NINISHA REDDY	EXCELLENCE	Ninisha
32	160716735301	BARAJU KARTHIK	Excellent	Karthik
33	160716735302	DUDDU PRABHA SOWMYA SREE	Excellent	Prabha
34	160716735303	K ANUSHA	Good	Anusha
35	160716735304	KADABOYINA VINAY KUMAR	EXCELLENCE	Vinay
36	160716735308	MALLAPULLA MADHUSUDHAN	Good	Madhusudhan
37	160716735309	MARGONWAR VISHWA TEJA	Excellent	Vishwa
38	160716735310	NALLA BHANUVARDHAN REDDY	Good	Bhanu
39	160716735311	PABBA VARUN	Good	Varun
40	160715735309	PULLA SAI SHARAN	Excellent	Sharan
41	160715735060	GUADA SAI KRISHNA	Good	Vidya

\* Feed back: Excellent/Good/Satisfactory

Total A: 40

HEAD OF THE DEPARTMENT  
DEPARTMENT OF ECE  
METHODIST COLLEGE OF ENGG. & TECH.  
HYDRABAD.



# 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 P. Tanmayee Bearing R.No: 160716735053  
of II-II Semester ECE Branch, Participated in Certification Courses  
on Arduino Programming & Appl. during 3,4,15,16,17 MAR'2018  
in Collaboration with IETE Student Branch, MCET.



Director

  
HoD

  
Principal

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

EEE Department

Date: 06/01/2017

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 2016-17 (II 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.	FIVEDAY CERTIFICATE COURSE ON ELECTRICAL DESIGNING & AUTOMATION	APRIL 2017	ELECTRO MOTION TECHNOLOGIES	Mr. J.RAMESH Asst. Professor

Thanking you sir,

*Perini Heta  
Lauve*

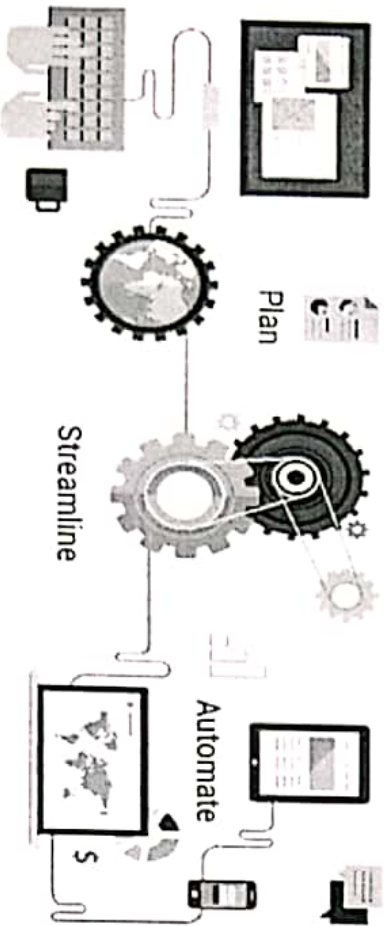
*for*  
*[Signature]*  
HOD-EEE

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

### 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.



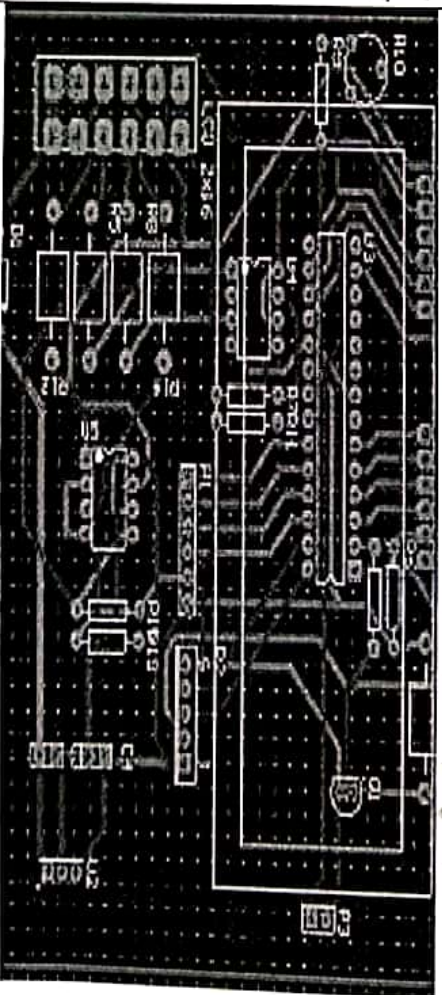
**Speaker:**  
Person from ElectRoMation Technologies

## FIVE DAY CERTIFICATE COURSE ON ELECTRICAL DESIGNING & AUTOMATION

Organized by

*Department of Electrical & Electronics Engineering*

03-04-2017  
&  
07-04-2017



**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Affiliated to Osmania University)  
King Koli Road, Abids, Hyderabad, Telangana

Head of Department  
Department of EEE  
Methodist College of Engineering and Technology  
Abids, Hyderabad, Telangana

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**CERTIFICATE COURSE ON ELECTRICAL DESIGNING & AUTOMATION**

**SCHEDULE**

	Times	Activity/Session	Location
DAY1	9.30AM	Registration,	Seminar hall
	10.00AM	Welcome & Introductions	
	11.00-12.30 PM	Presentation on important aspect of automation control	
	12.30-1.00pm	lunch	
	1.00-4.00PM	Practice session on computers by using matlab software	Simulation lab
DAY2	9.30AM	Welcome & Introductions	Seminar hall
	10.00-12.30 PM	Presentation on modeling, design, analysis, simulation, operation, control	
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Programing work	Simulation lab
DAY3	10.00-12.30 PM	FUNDAMENTALS OF PLC SOFTWARE	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	USING LADDER LOGIC FOR SIMPLE DIGITAL FUNCTIONS & practice session	Simulation lab
DAY4	10.00-12.30 PM	LEARN REGISTERS IN PLC SYTEM	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	HANDS ON TRAINING VARIOUS PARAMETERS	Simulation lab
DAY5	10.00-12.30 PM	Presentation on design and implementation of computer-based industrial information systems"	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Coding and Simulink practice session	Simulation lab
	4.00-4.15PM	VOTE OF THANKS	

  
 Head of Department  
 Department of EEE  
 Methodist College of Engineering & Technology  
 Hyderabad-500 084

# Syllabus of Automation and electrical Design

## HAZARDOUS AREAS

- Introduction: explosion consequences and Risk assessment
- Properties of flammable materials
- Definitions
- Classification system: sources of release and zoning
- Classification of apparatus: grouping and Temperature

## PLC PROGRAMMING AND DESIGN

### INTRODUCTION

- Introduction and brief history of PLCs and alternative control systems

### ABOUT OF FUNDAMENTALS OF PLC SYSTEM

- Block diagram of typical PLC
- PLC processor module – memory organisation
- Input and output section - module types
- Calculation of DI/DO and AI/AO
- Selection of Communication

### FUNDAMENTALS OF PLC SOFTWARE

- Methods of representing Logic, Boolean Algebra, instruction code and graphical presentation
- Fundamental ladder logic instruction set with Different make PLC
- Comparison of different manufacturers, memory and data representation and instruction code

### USING LADDER LOGIC FOR SIMPLE DIGITAL FUNCTIONS

- Why ladder logic programming and Comparison of relay ladder diagrams
- The concept of the 'scan' and how to apply it
- Contact 'normal' states
- Positive and negative logic
- Basic Boolean functions

### LEARN REGISTERS IN PLC SYSTEM

- Number systems
- Types of register data
- Timers and counters
- it shift and rotate
- Table functions

### HANDS ON TRAINING VARIOUS PARAMETERS

- Practical methods to improve quality:
- ### ADVANCED CONTROL WITH PLCS
- Examples, drive logic and alarm handling
  - Use of advanced programming functions

### BATCH PROCESSES AND SEQUENTIAL CONTROL

- Step advance
- Fault detection and Recovery
- Multiple recipes or alternative paths
- Sequential function charts

## PID CONTROL

- The importance of timing and scan time
- When PID is not always appropriate
- Intermittent measurements
- Long transport delays
- Interface standards, RS-232, RS-422/423 and RS-485
- Protocols, Modbus and DH+
- Local Area Networks, Ethernet
- Monitoring communication links and simple watchdog timers

### Fundamentals of IEC 61131-3

- Function block diagrams
- Ladder diagrams
- Instruction list
- Sequential function chart

## THEORY OF PROCESS CONTROL

- Processes, controllers and tuning
- PID Controllers - P, I and D modes of operation
- Load disturbances and offset
- Speed, stability and robustness
- Gain, dead time and time constants
- Process noise and feedback controllers

## BACKGROUND TO SCADA

- SCADA concepts and terminology
- Typical SCADA architectures

## SCADA HARDWARE

- I/O Servers
- Historians
- RTUs
- Firewalls
- Component-level redundancy

## SCADA SOFTWARE

- Commercially-available SCADA software
- Configuration

## APPLICATION OF PROTOCOLS IN SCADA

- TCP/IP
- MODBUS
- DNP3

## ETHERNET APPLICATIONS IN SCADA

- Components
- Network redundancy

## WIRELESS APPLICATIONS IN SCADA

- Terrestrial microwave
- Cellular

  
Head of Department  
Department of EEE  
Rajshree Education Society's Institute of Technology  
Warananagar, Pune - 411 004

# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

King Koti Road, Abids, Hyderabad - 500001

Department of Electrical & Electronics Engineering  
 FIVE DAY CERTIFICATE COURSE ON ELECTRICAL DESIGNING &  
 AUTOMATION (DURING 03 APRIL TO 07 APRIL 2017)

## LIST OF PARTICIPANTS

S.No	Roll No	Name	SIGNATURE
1	160713734001	CH PRAGNA	Pragna
2	160713734002	V K SHINEY PRIYANKA	Priyanka
3	160713734003	G SARITHA	Saritha
4	160713734004	K PRASHANTHI	Prashanthi
5	160713734005	MD ABDUL SOHAIL	MD Abdul
6	160713734006	J CHARANRAJ	Charan
7	160713734008	B SRAVAN	Sraavan
8	160713734010	MD RAWOOF KHAN	Rawoof
9	160713734011	T SAIBABA	Saibaba
10	160713734012	M SREEKANTH	Sreekanth
11	160713734013	G MALLIKARJUN	Mallikarjun
12	160713734014	MD ALI KHAN	Ali Khan
13	160713734015	MD AAMAR KHAN	Amar Khan
14	160713734016	M MAHESHWAR REDDY	Maheshwara
15	160713734017	M BHARATHKUMAR	Bharath Kumar
16	160713734018	G VIVEK	Vivek
17	160713734020	SHAIK YOUSF	Shaik Yousef
18	160713734021	SYED AMIR	Syed Amir
19	160713734023	S PAVAN KUMAR REDDY	S. Pavan Kumar
20	160713734024	MD JUNAID AHMED	M. D Ahmed
21	160713734025	K SUSHMITHA	Sushmitha
22	160713734027	N PREM CHAND	Prem Chand
23	160713734032	K VAMSHIDHAR	Vamshidhar
24	160713734033	MD MUJAHID HUSSAIN	Mujahid Hussain
25	160713734034	MOHD UMED	Mohd Umed
26	160713734037	SYED AHMED BASHEERUDDIN	Syed Ahmed
27	160713734038	E AJAY KUMAR	Ajay Kumar
28	160713734041	MD KHAJA MUQIMUDDIN	Muqimuddin
29	160713734061	V.VINAY	V. Vinay
30	160713734301	BOJJA VENKATESH	Venkatesh
31	160713734302	K ARUN KUMAR	Arun Kumar
32	160713734303	SRIMALA SAGAR	Srimala Sagar
33	160713734304	M VIJAY NAIK	Vijay Naik
34	160713734305	PADALA SUMESHNATH	Sumeshnath
35	160713734306	MAINAM SRIVILAS	Mainam
36	160713734307	KALAVALA UDAY BHASKAR	Uday
37	160713734309	SRINAM NIKHIL	Srinam

Head of Department  
 Department of EEE  
 Methodist College of Engg & Tech.  
 Abids, Hyderabad-500001

# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

King Koti Road, Abids, Hyderabad - 500001

Department of Electrical & Electronics Engineering

FIVE DAY CERTIFICATE COURSE ON ELECTRICAL DESIGNING & AUTOMATION (DURING 03 APRIL TO 07 APRIL 2017)

## LIST OF PARTICIPANTS

S.NO	ROLL NO	NAME	SIGNATURE
1	160714734001	Pankaj Kamle	Kamle
2	160714734002	Earla Srinivas	Earla
3	160714734003	Chada Meher Krishna	Meher Krishna
4	160714734004	Md Mustafa Javeed	Javeed
5	160714734006	Mahmoud Suleman Zubedi	Zubedi
6	160714734007	Dorothy Benedict	Benedict
7	160714734008	B Sai Sridevi	Sridevi
8	160714734009	Md Mubasher Ahmed Khan	Khan
9	160714734010	Bethi Vinay Reddy	Reddy
10	160714734011	Syed Nehal Abrar	Abrar
11	160714734012	Mohammed Almas Khan	Khan
12	160714734013	Mohd Sami Uddin	Sami
13	160714734014	Gajawada Sai Suraj	Suraj
14	160714734016	Mohammed Zubairuddin	Zubairuddin
15	160714734017	Mohd Ameen	Ameen
16	160714734019	Pinnenti Satish	Satish
17	160714734021	Bachu Meghanath Reddy	Reddy
18	160714734022	Mir Faraaz Ali	Faraaz Ali
19	160714734025	Mohd Abdul Muneeb	Abdul
20	160714734026	Tarigonda Mukthiyar Basha	Basha
21	160714734028	Chinthakindi Bharadwaj	Bharadwaj
22	160714734035	Maliha Maheen	Maheen
23	160714734036	Kyatham Saikiran	Saikiran
24	160714734039	Muniganti Aditya Sai	Sai
25	160714734040	Mohammed Ikram Ahmed	Ahmed
26	160714734031	Syed Faiz Uddin	Uddin
27	160714734310	Pochampalli Shravya	Shravya
28	160714734312	Namani Vinay	Vinay
29	160714734313	Bhuma Phani Bhushan	Bhushan
30	160714734314	Thipparthi Aravind Sai	Sai
31	160714734315	T Mahesh Hemanth Kumar	Hemanth
32	160714734317	Shaik Farzuab Musakkir	Musakkir
33	160714734318	Syed Imran Ahmed	Imran

INCHARGE

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

# 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 Gajawada Sai Suraj Bearing R.No: 160714734014  
of II Semester EEE Branch, Participated in Certification Courses  
on 3<sup>rd</sup> April - 7<sup>th</sup> April during April 2017.  
in Collaboration with Electro Motion Technologies.

  
Director

  
Principal





Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

## ARMTRONICS Collaborated Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during 17, 18, 23, 24, 25 MAR 2017

DAY	9:30-11:30am	11:00-12:30pm	Lunch break	1:15-3:15pm	3:15-4:15pm
DAY-1	Introduction to micro controller	Basics and types of microcontrollers		Uses of Arduino and Raspberry Pi	Basics of sensors and actuators
DAY-2	Basics of Raspberry pi	Versions of Raspberry pi and its applications		Introduction to the Internet of Things	Introduction to Cloud Computing
DAY-3	Starting with embedded systems	The Arduino Open-Microcontroller Platform		Reading from Sensors * Programming fundamentals ( C program )	* Arduino Programming & Interface of Sensors
DAY-4	Project 1: Simple LED Program for Arduino Project 2: Integrating Sensors & Reading Environmental Physical Values. Project 3: Reading Environmental Values on Android Smartphone	Project 4: Creating Android App using MIT App Inventor & controlling arduino connected devices through App.		Control Devices using Localhost Web Server for Home Automation. • Integrating Ethernet Module & Testing DHCP Connection • Creating Program for Localhost Web Server for controlling devices.	* OS Installation on SD Card Downloading Image Study Various Operating Systems Available Making SD Card: Formatting and Partitions Raspberry Pi SD Installer * OS Configuration
DAY-5	<ul style="list-style-type: none"> <li>• Booting Into Desktop</li> <li>• GUI Version</li> <li>• CLI Desktop</li> <li>• Changing Timezone</li> <li>• Other Options</li> <li>• Raspi-Config</li> <li>• Test</li> </ul>	<ul style="list-style-type: none"> <li>• Network Setup</li> <li>• Setting Up Using GUI</li> <li>• Setting Up Using Command Line</li> <li>• Finding Pi's IP Address</li> <li>• Connecting with Wi-Fi/ LAN/ Datacard</li> </ul>		GPIO <ul style="list-style-type: none"> <li>• Study GPIO Pins</li> <li>• Libraries Using Git</li> <li>• Configuring GPIO Pins</li> </ul>	Project 12: LED Program with Raspberry Pi Project 13: Controlling LED with a Switch using Raspberry Pi. Project 14: Integrating IR Sensor with Raspberry Pi.

*Shobana J.*

HOD-ECE

COURSE COORDINATOR: Mr. ARJUN MODI, ARMTRONICS LTD.

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

ARMTRONICS Collaborated Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during  
 17,18,23,24,25 MAR 2017

CLASS: III YR II Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160714735001	S MANDEEP SINGH	Good	
2	160714735002	PUSKURI KAVYA SRI	Excellent	
3	160714735003	MD. MUDASSIR SHARIEF	Good	
4	160714735004	N SWATHI	Good	
5	160714735005	MAHJABEEN TABASSUM	Excellent	
6	160714735006	MD. SHAH NASEERUDDIN	Excellent	
7	160714735007	KONDURU SPANDANA	Good	
8	160714735008	POGUL SHRUTI VENKATESH	Excellent	
9	160714735009	SYED MUDASSIRUDDIN ALVI	Good	
10	160714735010	KALVAKUNTA SARIKA	Good	
11	160714735011	GADDAM SOUJANYA	Excellent	
12	160714735013	CHEBOLU PROHITH KUMAR	good	
13	160714735014	BADDAM PRAVALIKA	Excellent	
14	160714735016	SAJJAN PRIYANKA	good	
15	160714735017	P SAI KUMAR	Excellent	
16	160714735018	NALLAVAGULA MANASA	Excellent	
17	160714735019	N.SURYA NARAYANA REDDY	Excellent	
18	160714735020	KALAGADDA NAVANEETHA	Excellent	
19	160714735022	V SRAVYA DEVI	Good	
20	160714735023	KANALA LAHARI	Good	
21	160714735024	MOHAMMAD SHUJAUDDIN	Excellent	
22	160714735025	AKULA RAGHAVENDRA	good	
23	160714735028	SONALI PUPPALA	Good	
24	160714735029	KONDA ROJA	Excellent	
25	160714735031	BANDARI SAIPRAKASH	Excellent	
26	160714735032	B ANIL KUMAR	Excellent	
27	160714735033	MIR QAYAM HUSSAIN	Excellent	
28	160714735034	VISNAGARI PREETHISUDHA	Good	
29	160714735035	P AKAS KUMAR	Excellent	
30	160714735036	NIHAAR L AKULA	Excellent	
31	160714735037	H SAPNA	Excellent	
32	160714735038	OMIKA RANI	Good	
33	160714735039	SYED ARSALAN	Excellent	
34	160714735040	M SRAVANI	Excellent	
35	160714735041	DASARI GAUTAM SHIVA RAM	Fantastic	
36	160714735042	GUNTUR LALITHA	Excellent	
37	160714735043	GULAM NABI	Good	
38	160714735045	JAVAJI PRATHIBHA	Good	
39	160714735046	SANA FATHIMA	good	
40	160714735047	MOHAMMED MUNTAJIB UDDIN FARAZ	Good	
41	160714735048	ANUGU GAYATHRI	Excellent	
42	160714735049	MOHAMMED ABDUL QADEER	Excellent	
43	160714735050	MOHAMMED ASIF	Good	

\* Feed back: Excellent/Good/Satisfactory

HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

ARMTRONICS Collaborated Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during  
 17,18,23,24,25 MAR 2017

CLASS: III YR II Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160714735051	B.KARUNYA KAMALA	Excellent	[Signature]
2	160714735052	BANDI BLESSY ABIGAIL	Good	[Signature]
3	160714735057	GURIMILLA LAYA	Good	[Signature]
4	160714735059	THUMNOORI RAHUL TEJA	Good	[Signature]
5	160714735062	RAVI TEJA KANDAGATLA	Excellent	[Signature]
6	160714735065	MANTHA LAXMI KIRANMAI	Good	[Signature]
7	160714735066	PODDATURI RAMYA SHRI	Excellent	[Signature]
8	160714735067	T. AKSHATH REDDY	Excellent	[Signature]
9	160714735068	MALE RAJESH	Excellent	[Signature]
10	160714735069	NISHANTH S RAJSEKHAR	Good	[Signature]
11	160714735070	L. MALLIKARJUN GOUD	Good	[Signature]
12	160714735071	SHAIK MAIRAJ	Excellent	[Signature]
13	160714735072	FEREEDA BEGUM	Good	[Signature]
14	160714735073	ASARI ANIL	Satisfactory	[Signature]
15	160714735074	GANJI KARTHIK	Excellent	[Signature]
16	160714735077	NELLOJU PRATHIBA	Good	[Signature]
17	160714735080	ARSHIYA NOOREEN	Good	[Signature]
18	160714735081	NUSRATH FATHIMA	Excellent	[Signature]
19	160714735082	NADEM PRATHYUSHA	Excellent	[Signature]
20	160714735083	LIKHITHA K	Satisfactory	[Signature]
21	160714735084	METHRI BHAGYA LAXMI	Good	[Signature]
22	160714735086	MALLEPALLY SRINIJA	Excellent	[Signature]
23	160714735087	YARLAGADDA VARNIKA	Good	[Signature]
24	160714735301	JATOTH BIKSHAPATHI	Excellent	[Signature]
25	160714735302	A LAXMAN KUMAR	Good	[Signature]
26	160714735303	MA LIYAQAT	Excellent	[Signature]
27	160714735304	G MD HUSSAINI QURESHI	Good	[Signature]
28	160714735305	MOHD SANAUULLAH KHAN	Excellent	[Signature]
29	160714735306	PERUMANDLA NAGESH	Good	[Signature]
30	160714735307	GAIGULLA NAGMA	Good	[Signature]
31	160714735308	G NANDINI	Excellent	[Signature]
32	160714735311	D.NITYA SANTOSHI RUPA	Good	[Signature]
33	160714735312	GANGYADA RAVINDER	Excellent	[Signature]
34	160714735313	DASARI SANDHYA RANI	Excellent	[Signature]
35	160714735314	SYED NAYEEMUDDIN	Excellent	[Signature]
36	160714735315	SYED NISAR AHMED	Good	[Signature]
37	160714735316	ABDUL SAMEER	Good	[Signature]

\* Feed back: Excellent/Good/Satisfactory

[Signature]  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

# 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 KALVAKUNTA SARIKA Bearing R.No: 160714735010  
of III-2 Semester ECE Branch, Participated in Certification Courses  
on Embedded Systems Design & Development during 17, 18, 23, 24, 25 MAR 2017  
in Collaboration with ARMTRONICS PVT. Ltd, Hyderabad.

  
**Director**

  
**HoD**

  
**Principal**

**NOTE**

Date: 15.07.16

**Submitted to the Principal**

Respected Sir

It is proposed to organize one week short term Training program from 28.07.2016 to 03.08.2016n on "Engineering Graphics with AUTO CAD" by the department of mechanical engineering.

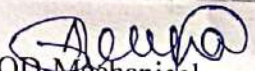
Engineering Graphics with AUTO CAD has become an important tool that is used by the mechanical engineers to develop simulations and find solutions to problems faced to the existing practical problems. Further it is a regular subject for the BE students. Hence it is proposed to organize an event which will also be beneficial for the institution as an event conducted by the department for NAAC / NBA.

The participants for the program are all UG students, faculty in mechanical engineering and industry people. The resource persons are professors from Osmania and BITS-Pilani(9HYD CAMPUS) universities.

The approximate cost of the event is Rs.35,000.00. Expecting amount from the participants is approximately Rs. 20,000.00 to Rs. 30,000.00.

Hence request you to approve and sanction the necessary amount for conduct of the program.

Thanking You,

  
HOD-Mechanical

**H.O.D.**

**Mechanical Engineering Department  
Methodist College of Engg & Tech  
King Koti, Hyderabad-500 001.**

## **ABOUT THE COLLEGE**

Established in the year 2008 in a sprawling campus of the erstwhile Methodist school and college, situated in the heart of the Hyderabad city with the sole purpose of offering the Engineering Education to the students of all living standards. Methodist College of engineering and technology represents a rich tradition of excellence in technology based education in stimulating environment.

## **ABOUT THE DEPARTMENT**

The Mechanical Engineering Department was established in the academic year 2009-2010. The Department offers B.E course with an intake of 120 Students and Master's Degree with specialization of CAD/CAM. It has excellent infrastructure facilities in the form of laboratories and equipment. The Department has well qualified and experienced faculty from academics and industry. The Rich Experience of qualified faculty and innovative practices in the academics are a matter of pride of the department. We are sure that, our institute will provide a platform for student community to deliberate on the technologies

and trends, which in turn pose a challenge to the present society and forcing them to equip with latest technologies in the process of their ambitions comes into reality. The faculty motivates students to take up innovative projects through in-house R & D Projects. Within a short span, we received university gold medal for our student.

## **OBJECTIVE OF THE COURSE**

The main aim of this FDP is to impart the concept of Engineering Graphics with CAD and its application. This field of CAD has seen tremendous growth in the last decades and its usage is still expanding into many fields. In addition to the demonstration by various companies on the latest developments in the field, it will also be very useful for faculty members.

## **COURSE CONTENT**

- Fundamental basics of Engineering Graphics.
- Introduction of Auto CAD fundamentals.
- Fundamental of 2D construction.
- Fundamental of 3D construction.
- Solid Modeling.

## **IMPORTANT DATES**

In order to allow us to make all arrangements to the best of ability, kindly send us the completed registration form on or before 27 July 2016

## **REGISTRATION FEE: Rs. 500/-**

The fee covers kit, lunch and refreshment during the orientation program. DD should be in favour of "The Principal, Methodist college of Engineering and Technology" payable at Hyderabad.

## **ORGANIZING COMMITTEE**

### **Chief Patron**

Sri. K.Krishna Rao, Secretary, MCET.

### **Patrons**

Dr. V. S. Giridhar Akula, Principal, MCET.

Dr. S.Venkateswar. Director, MCET.

### **Convenor**

Dr A. Rajasekhar , HOD, Mech.Engg.

### **Co ordinator**

P. Ravi Chander, Asst. Prof, M.E. Dept.

### **Organizing team**

All staff members of Mechanical Engineering Department

# One week Faculty Development program on “Engineering Graphics with Auto CAD”

Organized by  
DEPARTMENT OF MECHANICAL ENGINEERING  
At  
METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY  
(Affiliated to Osmania University)  
Abids, Hyderabad.

## REGISTRATION FORM

Full Name:

Designation:

Institution:

Address for communication:

Email-ID:

Mobile No:

Registration fee:

Signature of the Applicant

## RESOURCE PERSONS

Invited talks are given by experts from reputed academic institutes and research organizations.

## CONTACT

The co-ordinator,  
Department of Mechanical Engineering,  
Methodist College of Engineering & Technology  
Hyderabad- 500001.

Mobile: +919440022034  
: +91 9100957152

Email: vira755@gmail.com

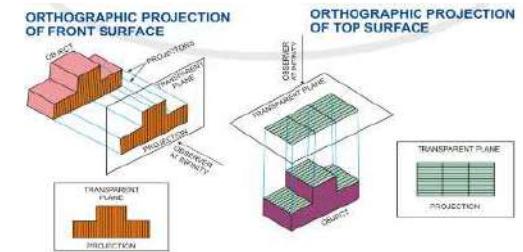
Website: www.methodist.edu.in

Note: All correspondence regarding selection  
will be made through Email only.



# One week Faculty Development program on “Engineering Graphics with Auto CAD”

28-07-2016 to 03-08-2016



Organized by  
DEPARTMENT OF MECHANICAL  
ENGINEERING



**METHODIST**  
College of Engineering and Technology  
(Affiliated to Osmania University)  
Abids, Hyderabad.  
www.methodist.edu.in



**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**

A One week FDP on  
**"Engineering Graphic with Auto CAD"**

28-07-2016 to 03-08-2016 (Program Schedule)				
Date/Day	session	Time	Activity/Topic	speakers
28/07/16 (Thursday)	session 1	10.00AM-10.45AM	INAGURATION	
		11.00AM-1.00PM	Fundamentals of Engineering Graphics	A.Vasan Associate Professor BITS- Pilani, HYD.
	session 2	2.00PM-4.00PM	Fundamentals of Auto CAD	A.Vasan Associate Professor BITS- Pilani, HYD.
29/07/16 (Friday)	session 3	9.30AM-11.00AM	Projection of Points and Straight lines	A.Vasan Associate Professor BITS- Pilani, HYD.
	session 4	11.15AM-1.00PM	Projection of Planes and	Dr. K. Saraswathamma Assistant Professor ME Dept. OU
	session 5	2.00PM-4.00PM	Advanced commands in CAD	R.Srikanth CAD Trainer
30/07/16 (Saturday)	session 6	9.30AM-11.00AM	Projection of solids	Dr. K. Saraswathamma Assistant Professor ME Dept. OU
	session 7	11.15AM-1.00PM	Sections of solid	Dr. K. Saraswathamma Assistant Professor ME Dept. OU
	session 8	2.00PM-4.00PM	Orthographic views in CAD	R.Srikanth CAD Trainer
31/07/16 (Sunday)	session 9	9.30AM-11.00AM	Development of the surfaces	Dr. K. Saraswathamma Assistant Professor ME Dept. OU
	session 10	11.15AM-1.00PM	Isometric projections	R.Srikanth CAD Trainer
	session 11	2.00PM-4.00PM	Sectional views in CAD, Plan of residential Building with CAD	R.Srikanth CAD Trainer
01/08/16 (Monday)	session 12	9.30AM-11.00AM	Orthographic projections	A.Vasan Associate Professor BITS- Pilani, HYD.
	session 13	11.15AM-1.00PM	Conversion of Isometric view to Orthographic view	A.Vasan Associate Professor BITS- Pilani, HYD.
	session 14	2.00PM-4.00PM	Auxiliary views in CAD	R.Srikanth CAD Trainer
02/08/16 (Tuesday)	session 15	9.30AM-11.00AM	Dimensioning, Tolerancing in CAD	A.Vasan Associate Professor BITS- Pilani, HYD.
	session 16	11.15AM-1.00PM	Threads and Fasteners construction in CAD	A.Vasan Associate Professor BITS- Pilani, HYD.
	session 17	2.00PM-4.00PM	Gears, bearings and cams construction in CAD	R.Srikanth CAD Trainer
03/08/16 (Wednesday)	session 18	10.00AM-1.00PM	Fundamentals of 3D drawing	R.Srikanth CAD Trainer
	session 19	2.00PM-4.00PM	VALEDICTORY	



**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SDP-PARTICIPATION-SECTION-A**

S.No	Roll Number	Student Name	Signature of the Student
1	160715736001	ABDUL KAREEM	Kareem
2	160715736002	MD ABDUL MANNAN KHAN	Mannan
3	160715736003	MOHAMMED ABDUL QAVI	Abdul Qavi
4	160715736005	ABDULLAAH	Abdullah
5	160715736006	SINGAM ABHISHEK	Abhishek
6	160715736007	MOHAMMED ADIL AHMED	Adil
7	160715736009	MOHAMMED AKBAR	Akbar
8	160715736010	KANNA AKHIL	Akhil
9	160715736012	ELAGAPTHU ANURAG	Anurag
10	160715736014	RATAN BALAJI	Balaji
11	160715736015	P DASHARATH	Dasharath
12	160715736016	MOHAMMED FAISAL	Faisal
13	160715736017	MOHD ALFAED FARAAZ	Faraaz
14	160715736018	CHOWDRY MOHAMMAD FARIS	Faris
15	160715736019	MD FAYYAZUDDIN QADRI	Qadri
16	160715736020	CH GOPICHAND	Gopichand
17	160715736023	MOHD IBRAHIM	Ibrahim
18	160715736024	MOHD ISMAIL KHAN	Ismail
19	160715736028	SYED ABDUL MALIK	Malik
20	160715736031	MOHAMMAD ABDULLAH	Abdullah
21	160715736033	MD ABDULLA MOHIUDDIN	Mohiuddin
22	160715736036	MOHAMMED MUQEEM UZAIR	Muqeem
23	160715736037	MUSAB ABDUL MAJEED	Majeed
24	160715736039	JILLA NAGESH PRANEETH	Praneeth
25	160715736041	KETHAVATH NAVEENKUMAR	Naveen
26	160715736043	NITHIN THATIKONDA	Nithin
27	160715736044	MOHD OMER IRFAN ALI	Irfan
28	160715736045	BURUGU PRADEEP	Pradeep
29	160715736046	KUNJA PRASANTH	Prasanth
30	160715736051	MOHD RAHEEM	Raheem
31	160715736052	MOHAMMED RAHIL KHAN	Rahil

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**SDP-PARTICIPATION- SECTION-B**

S.No	Roll Number	Student Name	Signature of the Student
1	160715736061	KOLURU SAIKIRAN	Saikiran
2	160715736062	MALYA SAIKRISHNA LAXMAN	Saikrishna
3	160715736064	UTNOOR SANDEEP	Sandeep
4	160715736065	HAJIRA BEGUM	Hajira
5	160715736066	BANDI SATHISH	Sathish
6	160715736067	SHIVAM KUMAR DUBEY	Shivam
7	160715736068	G SHIVANI	Shivani
8	160715736069	MOHAMMAD SHOAB	Shoab
9	160715736070	MOHAMMED SIDDIQUE AHMED	Siddique
10	160715736071	SK SOHAIL AHMED	Sohail
11	160715736072	MOHAMMED SOHAIL KHAN	Sohail
12	160715736073	B V SRAVAN KUMAR	Sraavan
13	160715736074	SREERAMAGIRI SRAVYA SREE	Sravya
14	160715736076	B SRIKANTH	Srikanth
15	160715736078	SYED AZHARUDDIN	Azhar
16	160715736080	SYEDA AYESHA UNNISA	Ayesha
17	160715736083	MADASU UTHAM KUMAR	Utham
18	160715736084	N VAMSYKIRAN	Vamsy
19	160715736086	AMKAMPALLI VENKATESH KUMAR	Venkatesh
20	160715736088	BHUKYA VIJAY KUMAR	Vijay
21	160715736090	HANUMANDLA VINAY	Vinay
22	160715736091	SUDHAVENI VINOJ	Vinoj
23	160715736092	CHAVAN VIPIN	Vipin
24	160715736093	VISHAL VARMA	Varma
25	160715736094	BHUKYA YAKUB	Yakub
26	160715736095	SYED YASEAR	Yasear
27	160715736096	PAMBALA YOGESH KUMAR	Yogesh
28	160715736098	YUSUF ZAFAR	Zafar
29	160715736099	ZAID	Zaid
30	160715736100	MOHAMMED ZUFAR SHARIEFF	Zufar
31	160715736101	DHANA SHEKAR PUJA REDDY	Shekar
32	160715736103	MOHAMMED SHAREEF ALI	Shareef



**Methodist College of Engineering & Technology**  
(Affiliated to Osmania University – College code 1607)  
King Koti Road, Abids, Hyderabad – 500 001, India

**Department of Mechanical Engineering**  
One week Faculty Development Program on  
"Engineering Graphics with CAD"  
(28-07-2016 to 03-08-2016)

**Evolution Form**

	Poor	Average	Good	Very good	Excellent
Content was appropriate				Very Good	
Aims and Objectives of session were met					Excellent
You were able to pick up useful information to use at work			Good		
The Resource person knowledge					Excellent
Session Started at right time	Poor				
Comfortness		Average			

Other feedback or comments:

FDP Course should be conducted when class work is not there for in holidays. More practice oriented. Program should be more for the course. Thank you for completing this evolution.

**Department of Mechanical Engineering**  
One week Faculty Development Program on  
"Engineering Graphics with CAD"  
(28-07-2016 to 03-08-2016)

**Evolution Form**

	Poor	Average	Good	Very good	Excellent
Content was appropriate					✓
Aims and Objectives of session were met				✓	
You were able to pick up useful information to use at work					✓
The Resource person knowledge					✓
Session Started at right time				✓	
Comfortness					✓

Other feedback or comments:

Thank you for completing this evolution

**Department of Mechanical Engineering**  
One week Faculty Development Program on  
"Engineering Graphics with CAD"  
(28-07-2016 to 03-08-2016)

**Evolution Form**

	Poor	Average	Good	Very good	Excellent
Content was appropriate			✓		
Aims and Objectives of session were met				✓	✓
You were able to pick up useful information to use at work				✓	
The Resource person knowledge			✓		
Session Started at right time			✓		
Comfortness					

Other feedback or comments:

practice session to do more practice.

Thank you for completing this evolution



DR. S VENKATESHWAR(DIRECTOR) ADDRESSING IN THE INAGURAL FUNCTION OF FDP ON "ENGG. GRAPHICS WITH CAD"



DR. A RAJASEKHAR(HEAD - MECH. ENGG.) ADDRESSING IN THE INAUGURAL FUNCTION OF FDP ON "ENGG. GRAPHICS WITH CAD" ON



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

EEE Department

Date: 05/01/2016

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 2015-16 (II 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.	ONE WEEK TECHNICAL CERTIFICATE COURSE ON DESIGN AND ANALYSIS OF PHOTO-VOLTAIC POWER SYSTEMS	FEB 2016	VSES Pvt Ltd	Mrs. V.SAKETHA Asst. Professor

Thanking you sir,

  
HOD-EEE

*Permitted*  
*Law*

Head of Department  
Department of EEE  
Methodist College of Eng & Tech.  
Abids, Hyderabad-500 091.

**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 on or before  
10-02-2016  
&  
Feel the energy of  
SOLAR

**SPEAKER**

Eminent person from VSES Pvt. Ltd.

Head of Department

Department of

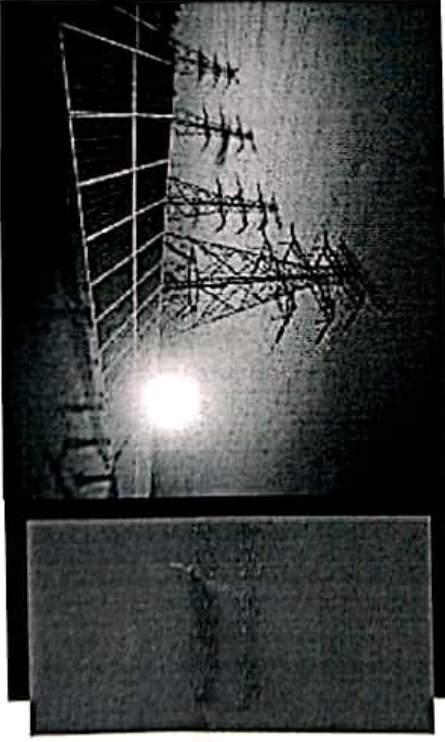
Methodist College of Engineering

Abids, Hyderabad-500001

Methodist College of Engineering  
Abids, Hyderabad-500001

ONE WEEK TECHNICAL CERTIFICATE COURSE ON  
DESIGN AND ANALYSIS OF PHOTO-VOLTAIC POWER  
SYSTEMS

**ORGANISED BY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**



12-2-2016  
TO  
18-2-2016



**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
(Affiliated to Osmania University)  
King Kofi Road, Abids, Hyderabad, Telangana-500001

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

**CERTIFICATE COURSE ON MATLAB/SIMULINK**

**SCHEDULE**

	<b>Times</b>	<b>Activity/Session</b>	<b>Location</b>
<b>DAY1</b>	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
<b>DAY2</b>	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
<b>DAY3</b>	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
<b>DAY4</b>	10.00AM-12.30 PM	Presentation on new techniques in matlab	
	12.30PM-1.00pm	LUNCH	
	1.00PM-4.00PM	Programming work	Simulation lab
<b>DAY5</b>	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

*May*  
 Department of Electrical & Electronics Engineering  
 Methodist College of Engineering & Technology

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**CERTIFICATE COURSE ON MATLAB/SIMULINK**

**SCHEDULE**

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<b>DAY2</b>	9.30AM	Welcome & Introductions	Seminar hall
	10.00AM-12.30 PM	Presentation on creation of Simulink blocks	
	12.30PM-1.00pm	LUNCH	



# 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

  
Department  
of EEE  
B. Tech.

METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

King Koti Road, Abids, Hyderabad - 500001

Department of Electrical & Electronics Engineering

One Week certificate course on Design and Analysis of Photo Voltaic power systems  
(during 12th feb to 18th feb 2016)

LIST OF REGISTERED STUDENTS

S.No	Hall Ticket No	Name of the Student	SIGNATURE
1	160712734002	PULLAGURA ARAVIND	
2	160712734003	L TEJESWARA RAO	
3	160712734005	P. PROMODH REDDY	
4	160712734006	BODDU SHIVA PRASAD	
5	160712734007	KAKI GOPAL	
6	160712734008	DUDDYALA VARUN RAJ	
7	160712734009	D. V. NAGA SRIVALLI	
8	160712734010	M PHANINDRA	
9	160712734011	G. ESHWAR CHARAN	
10	160712734012	KOLIPAKA RAKESH	
11	160712734013	CHATHARAJU AKHILA	
12	160712734014	DASARI BHANU MAHESH	
13	160712734015	MALLAK BALU	
14	160712734016	S ISRAEL JESSI	
15	160712734018	ALETI MOHITHIRAJ	
16	160712734019	GANDE NAGATEJASWINI	
17	160712734020	SIRISUN MANISHAREDDY	
18	160712734021	NEERATI SURESH	
19	160712734023	KAVALI KARAN SHALON	
20	160712734024	T VINAY KUMAR	
21	160712734027	PONNAM RAMYA	
22	160712734031	ANJUM SULTANA	
23	160712734038	M RAJA RAVI CHANDRA	
24	160712734047	RAHMAN QUADRI	
25	160712734051	DAMMA ANIL REDDY	
26	160712734052	MD AZARUDDIN	
27	160712734302	MOHAMMED IMRAN	
28	160712734306	OSMAN ALI	
29	160712734307	PARNE KRISHINA REDDY	
30	160712734308	MYKALA HARISH	
31	160712734309	SHAIK ABDUL JAWWAD	
32	160712734310	Y RAHUL	
33	160712734311	NALLA RAJU	
34	160712734314	DEVSOTH SRINIVAS	
35	160712734316	M BRAHMANANDAM	
36	160712734317	VENKATESH MANEKER	
37	160712735110	K AKSHAY KUMAR	
38	160711734049	M PRASHANTH (RA)	
39	160711734002	VIDYA SAGAR	
40	160711734008	MD ABDUL MALIK Ur RAHMAN	
41	160711734051	S SRIDEVI	
42	160710734056	DUGNI SWETHA	

Head of Department  
Department of EEE  
Methodist College of Engineering & Technology  
Abids, Hyderabad - 500001

**METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY**  
 King Koti Road, Abids, Hyderabad - 500001  
 Department of Electrical & Electronics Engineering  
**One Week certificate course on Design and Analysis of Photo Voltaic  
 power systems (during 12th feb to 18th feb 2016)**

**LIST OF PARTICIPANTS**

S. No.	Hall Ticket No.	Name of the Student	SIGNATURE
1	160713734001	CH PRAGNA	(Pragna)
2	160713734002	V K SHINEY PRIYANKA	SHINEY
3	160713734003	G SARITHA	(Saritha)
4	160713734004	K PRASHANTHI	Prashanthi
5	160713734005	MD ABDUL SOHAIL	ABDUL
6	160713734006	J CHARANRAJ	Charanraj
7	160713734007	G MURALIDHAR	Muralidhar
8	160713734008	B SRAVAN	Sraavan
9	160713734009	R NARSIMULU	(Narsimulu)
10	160713734010	MD RAWOOF KHAN	Rawoof
11	160713734011	T SAIBABA	T. Saibaba
12	160713734012	M SREEKANTHI	Sreekanth
13	160713734015	MD AAMAR KHAN	Amar
14	160713734017	M BHARATHKUMAR	Bharath
15	160713734018	G VIVEK	Vivek C
16	160713734020	SHAIK YOUSUF	Yousef
17	160713734024	MD JUNAID AHMED	Junaaid
18	160713734025	K SUSHMITHA	Sushmitha
19	160713734026	D RAJESH	Rajesh
20	160713734031	TAYYABA SULTANA	Tayyaba
21	160713734033	MD MUJAHID HUSSAIN	Mujahid
22	160713734034	MOHD UMED	UMED
23	160713734037	SYED AHMED BASHEERUDDIN	Ahmed
24	160713734061	V. VINAY	Vinay
25	160713734301	BOJJA VENKATESH	Venki
26	160713734302	K ARUN KUMAR	Arun
27	160713734304	M VIJAY NAIK	Vijay
28	160713734307	KALAVALA UDAY BHASKAR	Uday
29	160713734309	SRINAM NIKHIL	NIKHIL
30	160713734310	BUSHIPAKA JAGAN	Jagan
31	160713734312	MD ABDUL WAHAB	Abdul
32	160713734313	SK TAHEER	Taheer

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

# 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 Ch. Pragya Bearing R.No: 160713734001

of 3-2 Semester EEE Branch, Participated in Certification Courses

on 12<sup>th</sup> Feb - 18<sup>th</sup> Feb during Feb 2016

in Collaboration with VSES Pvt. Ltd.

  
Director

  
HoD

Principal

**NOTE**

Date: 22.12.15

**Submitted to the Principal**

Respected Sir

It is proposed to organize one week short term Training program from 02.01.2016 to 07.01.2016 on "Advanced Applications of Finite Element Techniques" by the department of mechanical engineering.

Finite Element Analysis (FEA) has become an important tool that is used by the mechanical engineers to develop simulations and find solutions to problems faced to the existing practical problems. Further it is a regular subject for the M.E. (CAD / CAM) students. Hence it is proposed to organize an event which will also be beneficial for the institution as an event conducted by the department for NAAC / NBA.

The participants for the program are all P.G students, faculty in mechanical engineering and industry people. The resource persons are professors from Osmania and JNTU universities.

The approximate cost of the event is Rs.50,000.00. Expecting amount from the participants is approximately Rs. 20,000.00 to Rs. 30,000.00.

Hence request you to approve and sanction the necessary amount for conduct of the program.

Thanking You,

  
HOD-Mechanical  
**H.O.D.**  
**Mechanical Engineering Department**  
**Methodist College of Engg & Tech**  
Kng Koti, Hyderabad-500 001.

Dated 19-08-2015

## Proposal

Submitted to The Principal

Methodist College of Engineering & Technology  
Abids. Hyderabad.

From:

Dr.D. Ramana Reddy  
Associate Professor & Coordinator

Through:

Dr. A. Rajasekhar  
Professor & Head of Mech. Dept.

Subject: Proposal for a one-week short term training program on **advanced applications of finite element techniques**

Sir,

Mechanical department is planning to organised a one-week short term training program on **advanced applications of finite element techniques** in the month of January 2016. Person from industry, research & academic will be the participants, which will help them to gain knowledge and hands on experimentation from expertise in this field.

Registration fee is tentatively Rs.500/- per participant. Participants are limited to 25.

Lecture session will be conducted in seminar hall and practical/training session will be conducted in CAD/CAM lab.

Budget will be approximately Rs. 15,000/-. This may include subject experts, tea and snacks for forenoon and afternoon session and welcome kit, transportation & participation certificate. Request for an early approval so as to initiate programming and schedule for workshop.

Regards,  
Coordinator

## DECLARATION

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the Programme and shall attend the Programme for the entire duration. I also undertake the responsibility to inform the convener, in case I am unable to attend the Programme.

**Signature of the Applicant**

## SPONSORSHIP CERTIFICATE

Dr/Mr/Ms. \_\_\_\_\_  
is an employee of our Institute/Organization and is hereby sponsored to participate in the STTP Programme on "Advanced Applications of Finite Element Techniques" during 02-07 January, 2016 conducted by Department of Mechanical Engineering, Methodist College of Engineering and Technology, Abids, Hyderabad 500 001.

Place:

Date:

**Signature of Head of Institution**

(With seal)

## IMPORTANT DATES

**Last Date for Registration : 30-12-2015**

## REGISTRATION FEE

- The Registration fee for Faculty/Research scholars is Rs. 500
- The registration fee includes program Kit, Course Material in soft copy, Lunch, and Snacks
- Selection is based on first come first serve basis.
- Participation Certificates will be provided to each participant.

## ADVISORY COMMITTEE

### Chief Patrons

Sri. K.Krishna Rao - Secretary , MCET

### Patrons

Dr S.Venkateswar Director, MCET

Dr V S Giridhar Akula, Principal, MCET

### Convener

Dr A. Rajasekhar HOD, Mech.Engg

### Co-ordinator

Dr. D.Ramana Reddy Professor

### Organizing Committee

Dr P.Shailesh

Dr U.S Vara Prasad

Md.Fakhruddin H.N

Mr.R.V Prasad

Mr P.Ravi chander

Mr R Venkata Rami Reddy

Mr YMM Reddy

Mr Srinivas Raghavan

Mrs. G. Swetha

Mr Ramakrishna

Mr. Prabhakar

Mr M.Prasad

Mr Satya Ramesh Reddy

Mr Anoop Joshi

Mrs Pravallika

Mrs Anusha

## COMMUNICATION ADDRESS

**Dr D.Ramana Reddy**  
Professor

**METHODIST**  
**College of Engineering & Technology**

(Affiliated to Osmania University)  
Abids , Hyderabad

Mobile: 9177200699 | Email: ramana4u.iitm@gmail.com



**METHODIST**  
**College of Engineering and Technology**

**A One week**  
**Short Term Training Program**  
**on**  
**"Advanced Applications of Finite**  
**Element Techniques"**  
**(An innovative approach for solving engineering problems)**  
**(02-07 January, 2016)**

Organized By  
**DEPARTMENT OF MECHANICAL ENGINEERING**

**METHODIST**  
**College of Engineering and Technology**  
**(Affiliated to Osmania University)**  
**Abids , Hyderabad**  
**www.methodist.edu.in**

## ABOUT THE INSTITUTE

Established in the year 2008 in a sprawling campus of erstwhile Methodist school and college, situated in the heart of the Hyderabad city with the sole purpose of offering the Engineering Education to the students of all living standards. Methodist College of engineering and technology represents a rich tradition of excellence in technology based education in stimulating environment.

## ABOUT THE DEPARTMENT

The Mechanical Engineering Department was established in the academic year 2009-2010. The Department offering B.E course with an intake of 120 Students and Master's Degree with specialization of CAD/CAM. It has excellent infrastructure facilities in the form of laboratories and equipment. The Department has well qualified and experienced faculty from academics and industry. Its innovative practices and infrastructure excellence are a matter of pride. We are sure that, our institute will provide a platform for student community to deliberate on the technologies and trends which in turn pose a challenge to the present society and forcing them to equip with latest technologies in the process of their ambitions comes into reality. The faculty motivates students to take up innovative projects through in-house R & D Projects. Within a short span, we received university gold medal for our student.

## COURSE OVERVIEW

Finite Element Analysis or FEA analysis has become an important mathematical tool that is used by engineers to develop simulations that approximate real life. Engineers take the tools and technologies developed by mathematicians and scientists to solve real life concrete problems.

It is recognized by developers and users as one of the most powerful numerical analysis tools ever devised to analyze complex engineering problems. While the math to simulate and predict engineering solutions in the real world become more complex and difficult, Engineers are continuously pressed to develop solutions to problems that are better than and sooner than the competition. In the view of importance, the program is designed to deliver the application of FEA in order to ignite the minds of young researchers.

## COURSE CONTENT

- Fundamental basis of Finite Element.
- Overview of problem formulation
- 2-D analysis of various machine components
- Finite element formulation of three dimensional problems in stress analysis.
- An approach to solve non-linear problems

## ELIGIBILITY

- Faculty Members from Engineering/PG Colleges.
- research scholars from institute
- people From Industry

## RESOURCE PERSONS

Invited talks are given by experts from reputed academic institutes and research organizations on Advanced Applications of Finite Element Techniques and related issues.



## A One week Short Term Training Program on

## "Advanced Applications of Finite Element Techniques"

(An innovative approach for solving engineering problems)  
(02-07 January, 2016)

### Registration Form

1. Name : \_\_\_\_\_
2. Designation : \_\_\_\_\_
3. Applicant's Status: Faculty /Technical staff/ Industry person
4. Institution : \_\_\_\_\_
5. Whether the institution has AICTE Recognition: (Yes/No)
6. Educational Qualifications: \_\_\_\_\_
7. Subjects Handled for last three years \_\_\_\_\_
8. Experience: \_\_\_\_\_ Years  
Teaching : \_\_\_\_\_  
Research : \_\_\_\_\_  
Industry : \_\_\_\_\_
9. D.D.Particulars:
10. Amount in Rs: \_\_\_\_\_ DD No: \_\_\_\_\_ Bank Name: \_\_\_\_\_
11. Any other information
12. Address for Correspondence with Email id:

Signature of the applicant





**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF MECHANICAL ENGINEERING**

**A One week STTP on  
“Advanced Applications of Finite Element Techniques”  
(An innovative approach for solving engineering problems)**

**(02-07 January, 2016)  
PROGRAM SCHEDULE**

Date /Day	Session	Time	Activity / Topic	Speakers
02/01/2016 (Saturday)		10:00 -10:45	<b>INAUGURATION</b>	
	Session 1	11:00 – 13:00	Fundamentals of finite element modeling- bar element	Dr P.Ramesh Babu , Professor, Mech Engg, OU
	Session 2	14:00 – 16:00	One dimensional modeling - truss elements	Dr P.Ramesh Babu , Professor, Mech Engg, OU
03/01/2016 (Sunday)	Session 3	09:30 – 11:00	Dynamic analysis	Mr MCS Reddy, Assoc. Professor, Mech Engg, OU
	Session 4	11:15 – 13:00	Two dimensional modeling- Triangular and Quadratic	Dr A.V.S.S.K.S. Gupta Professor, Mech Engg, COE, JNTUH
	Session 5	14:00 – 16:00	Three dimensional modeling	Dr P.Ramesh Babu , Professor, Mech Engg, OU
04/01/2016 (Monday)	Session 6	09:30 – 11:00	Application of FEM to Dynamic analysis	Mr MCS Reddy, Assoc. Professor, Mech Engg, OU
	Session 7	11:15 – 13:00	Three dimensional Axisymmetric modeling	Dr P.Ramesh Babu , Professor, Mech Engg, OU
	Session 8	14:00 – 16:00	Three dimensional Axisymmetric modeling – Practice Session	Dr P.Ramesh Babu , Professor, Mech Engg, OU
05/01/2016 (Tuesday)	Session 9	09:30 – 11:00	Analysis of Beams	Dr M.S.N Gupta Professor & HOD Aeronautics, MLRIT, Hyd
	Session 10	11:15 – 13:00	Application of FEM in Thermal Analysis	Dr A.V.S.S.K.S. Gupta Professor, Mech Engg, COE, JNTUH
	Session 11	14:00 – 16:00	Application of FEM in Thermal Analysis- Practice Session	Dr A.V.S.S.K.S. Gupta Professor, Mech Engg, COE, JNTUH
06/01/2016 (Wednesday)	Session 12	10: 00 – 13:00	Overview of FEA Tools	Mr P.Ramesh, VR Best Software Solutions, HYD
	Session 13	14:00 – 16:00	ANSYS Training	Mr P.Ramesh, VR Best Software Solutions, HYD
07/01/2016 (Thursday)	Session 14	10: 00 – 13:00	A Case Study – application of FEA in modeling of welding Process	Dr M.S.N Gupta Professor & HOD Aeronautics, MLRIT, Hyd
	Session 15	14:00 – 15:00	<b>VALEDICTORY</b>	

**Program Coordinator  
Dr D.Ramana Reddy –Professor/Mech**

**Convenor  
Dr A.Rajasekhar, HOD/Mech**

# 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 Dinesh Kumar Bearing R.No: 160714765014  
of I Semester Mech Engg Branch, Participated in Certification Courses  
on Advanced Applications in F.E.T during 02/01/2016 to 07/01/2016  
in Collaboration with Osmania University.

  
Director

  
HoB

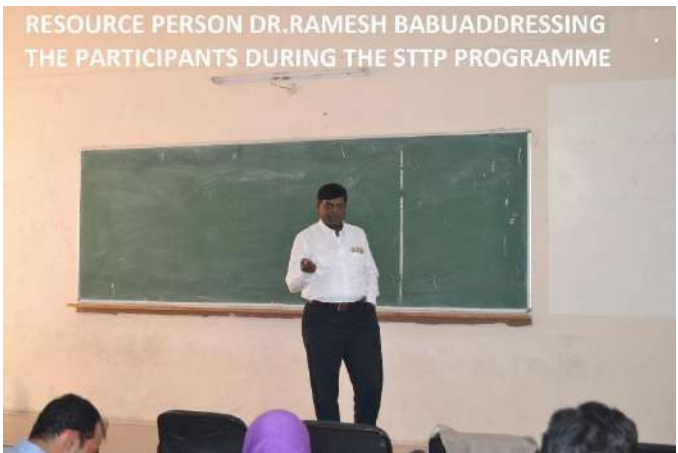
  
Principal



DR. S VENKATESHWAR(DIRECTOR) ADDRESSING IN THE INAUGURAL FUNCTION OF ONE WEEK STTP ON "ADVANCED APPLICATIONS OF FINITE ELEMENT TECHNIQUES" ON 02-07 JANUARY, 2017



DR. A. RAJASEKHAR (HOD-MECH. ENGG) ADDRESSING THE GATHERING AT STTP ON "ADVANCED APPLICATIONS OF FINITE ELEMENT TECHNIQUES" ON 02-07 JAN, 2016.



RESOURCE PERSON DR.RAMESH BABU ADDRESSING THE PARTICIPANTS DURING THE STTP PROGRAMME

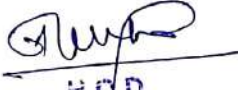


# METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

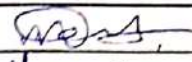
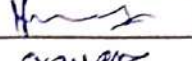
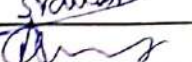
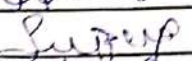

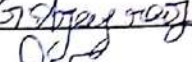
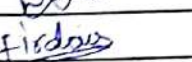
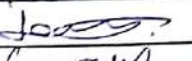
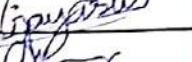
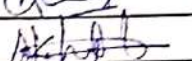
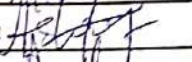
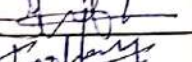
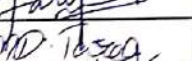


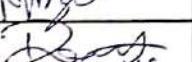
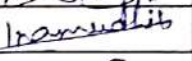


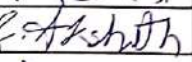


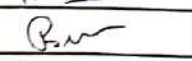








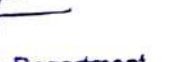
## DEPARTMENT OF MECHANICAL ENGINEERING


CERTIFICATION PROGRAMME ON ADVANCED APPLICATIONS IN FET 02/01/16 TO 07/01/16

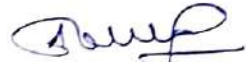
S.NO	Roll Number	Name	Signature
1	160714765001	TALLA MADHU	T. Madhu
2	160714765002	N MANOJ KUMAR	Manoj
3	160714765003	YERUKALA VENKATESWARLU	Venk
4	160714765005	RAMAGIRI PRERNA	Prerna
5	160714765006	KAUSAR FATIMA	Kausar Fatima
6	160714765008	GOWLIKAR HEMANTH KUMAR	Hemant
7	160714765009	PANDIRI VEERA SEKHARA REDDY	V.S. Reddy
8	160714765010	MOHD VIQARUDDIN	Viqar
9	160714765011	GURRAM VENKATA RAVI TEJA	Ravi Teja
10	160714765013	ANNAM RAKESH	Rakesh
11	160714765014	DINESH KUMAR	Dinesh
12	160714765015	ISHRATH ZAMANI NESHA	Nesha
13	160714765016	DODDI J SANTOSH KIRAN	Santosh
14	160715765001	MOHD SALMAN AHMED SIDDIQUI	Salman
15	160715765002	MIDIDODDI RAKESH	Rakesh
16	160715765003	A SHARATH KUMAR	Sharath
17	160715765005	MD JABEEN	Jabeen
18	160715765006	GOPIRAJU RAJU	Raju
19	160715765007	SHABNAM KAUSER	Shabnam
20	160715765008	B KRISHNA RAO	B. Krishna Rao
21	160715765009	GANJI SWEEYA SHARVANI	Sweeya
22	160715765010	RAMAKRISHA SAMUDRALA	Ramakrishna
23	160715765011	DALLI SARAVANI	D. Sarvani
24	160715765012	SRINIVAS K	Srinivas
25	160715765014	JALA HARIKA	Harika

  
 H.O.D.  
 Mechanical Engineering Department  
 Methodist College of Engg & Tech  
 King Koti, Hyderabad-500 001.

METHODIST COLLEGE OF ENGG. & TECH.			
DEPARTMENT OF MECHANICAL ENGINEERING			
CERTIFICATE PROG ON ADV APPLN'S OF FET--2/1/16-7/1/16			
IV YEAR		A.YEAR-2015-16	II SEM SECTION-A & B
SNO	H.T.NO	NAMES	SIGNATURE
1	160712736001	MOHD SAMIUDDIN	Samiuddin
2	160712736003	T.S. LALITH	Lalith
3	160712736004	MOHAMMED ADNAN AHMED	Adnan
4	160712736005	MD SHAIBAS	Shaibas
5	160712736006	SANKARA MEHAR	Mehar
6	160712736007	SUDINI SAI KUMAR REDDY	Sudini
7	160712736008	T RAJASEKAR REDDY	Rajasekar
8	160712736009	BODDU SANTHOSH KUMAR	Santhosh
9	160712736010	PASYA NIKHIL REDDY	Nikhil
10	160712736011	NEWNAHA ABHIJEET KUMAR	Abhijeet
11	160712736012	K VISHNUVARDANREDDY	Vishnuvardan
12	160712736013	RAAVI SAI GOUTHAM	Goutham
13	160712736014	VEMPATI KONDA REDDY	Konda
14	160712736015	BADALA ARAVIND	Aravind
15	160712736016	KATURI VINAY KUMAR	Vinay
16	160712736017	AMBATI SANDEEP	Sandeep
17	160712736018	S PRANAY RAJ	Pranay
18	160712736019	S CHARANPREETH SINGH	Charanpreeth
19	160712736020	S ROHITH NAGARJUNA	Rohith
20	160712736022	M MOHIB UL HUSSAIN	Mohib
21	160712736023	MOHD FERAZ AMEER	Feraz
22	160712736028	KALUVA SUNDEEP KUMAR	Sundeep
23	160712736029	ARROJU ASHISH	Ashish
24	160712736030	MOHAMMAD SHAREEF	Shareef
25	160712736031	NOMULA RAKESH	Rakesh
26	160712736032	BOLLU CHANDU YADAV	Chandu
27	160712736036	MOVVA PRADEEPAKUMAR	Pradeep
28	160712736037	RAMAVATH CHARAN NAYAK	Charan
29	160712736038	NAGULA HARISH KUMAR	Harish
30	160712736041	P S HEMANTH KUMAR	Hemant
31	160712736044	MOHD AJAZ	Ajaz
32	160712736046	G ROHINI	Rohini
33	160712736048	C RAVIKUMAR GOUD	Ravi
34	160712736049	T SHARATH	Sharath
35	160712736050	G GRACE HEPHZIBAH	Grace
36	160712736054	ADEPU MADHUKAR	Madhukar
37	160712736056	AALAKUNTLASATISH	Satish
38	160712736057	VADLA VINESHKUMAR	Vinesh

39	160712736058	N MOHAN SAI KUMAR	
40	160712736059	DONURU HEMALATHA	
41	160712736062	PANTHIKE SAI SRAVAN	
42	160712736066	AMMULA KUSUMA	
43	160712736068	TIRUNAGARI SUPRIYA	
44	160712736070	CH SAIKUMAR	
45	160712736072	G AJAY RAJ	
46	160712736076	MOHAMMED LAYEEQ	
47	160712736083	SYEDA FIRDOUS FATIMA ABEDI	
48	160712736086	L.D KAUSHIK	
49	160712736089	MD GHAIJUDDIN	
50	160712736090	MD ZAIN MOHIUDDIN AHMED	
51	160712736091	AHMED AKMAL GILIMI	
52	160712736093	SYED SIRAJUDDIN ASHRAF	
53	160712736094	SALMAN AMAR BABSAIL	
54	160712736095	MD FARHAN AZIZ	
55	160712736096	MOHD TAREQ	
56	160712736097	SYED ENZAMAM	
57	160712736098	MOHD MUZAFAR	
58	160712736105	MIRZA NAWAZ ALI BAIG	
59	160712736107	PRIYANKA OHATKER	
60	160712736108	MOHAMMED INAMUDDIN	
61	160712736111	SYED NAZEEMUDDIN	
62	160712736112	SHANIGARAPU NAVEEN	
63	160712736115	S.AKSHITH	
64	160712736117	MD SHADAB AHMED	
65	160712736119	P.V.PAVANI RAGHURAM	
66	160712736308	THOTA VENKATESH	
67	160712736309	DHANAVATH RAMESH	
68	160712736310	MD NASEER UDDIN	
69	160712736311	SALLA SAI KUMAR	
70	160712736312	MD FAROOQ	

  
 DR. RAMONA REDDY  
 (FACULTY COORDINATOR)

  
 H.O.D.  
 Mechanical Engineering Department  
 Methodist College of Engg & Tech  
 King Koti, Hyderabad-500 001.

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 CERTIFICATE 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.

**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  
E  
JOIN

THE WORKSHOP TO KNOW THE BASICS AND EASY WAYS TO LEARN MATLAB  
AND LEARN DESIGNING OF 2D/3D GRAPHS

**Speakers:**

Head of Department  
Department of EEE  
Methodist College of Engg & Tech,  
Abids, Hyderabad, 500001



A FIVE DAY CERTIFICATE COURSE  
ON MATLAB/SIMULINK

ORGANISED BY

Department of Electrical & Electronics Engineering

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

$f(x,y) = \sqrt{x} + \frac{2\sqrt{y}}{3}$   
 $z^2 + 5x^2 + 8x^2 + 4 + \frac{15}{3}$   
 $2 + \frac{dx}{dt} + y \frac{dx}{dy} = z$   
 $\int \frac{1}{(-\cos y + r \sin y)} dy =$   
 $\lim_{k \rightarrow 0} \frac{1}{k} - \frac{1}{k} - \left( \frac{-3 + \sqrt{3}}{2} \right)^2$   
 $P = \begin{bmatrix} \cos y & -\sin y & 0 \\ \sin y & \cos y & 0 \\ 0 & 0 & 1 \end{bmatrix}$   
 $z = \frac{dx}{dt} + k^2$



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Affiliated to Osmania University)  
King Koti Road, Abids, Hyderabad, Telangana-500001



**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*  
*Methodist College of Engineering & Technology*  
*105, Hyderabad Road, Sec 10, Hyderabad*

# 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

Head of Department  
Department of EEE  
Sri Sathya Sai Institute of  
Technology

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	Sanj
2	160711734003	D SAI SRIKAR	Saisrikar
3	160711734005	MYADAM NAGARAJU	Myadam
4	160711734006	CHADA ANVESH	Anvesh
5	160711734007	J SRIKANTH REDDY	JSR
6	160711734009	MADAM SIVAKUMAR	Siva
7	160711734010	V MURALI KRISHNA	Murali
8	160711734011	D JITHENDER	Jithender
9	160711734012	MD WAHIED UDDIN	Wahied
10	160711734014	V HARISHBABU	Harish
11	160711734015	K RAMAKRISHNA	Ramakrishna
12	160711734016	KALLU RAJU	Kallu
13	160711734017	S NAVANEETH KUMAR	Navaneeth
14	160711734018	DHARMAPURI ANIL	Anil
15	160711734019	PALNATI SANDEEP	Sandeep
16	160711734021	K RANJITH PRASAD	Ranjith
17	160711734022	MUGALA NARESH	Naresh
18	160711734023	KUMMARA MOUNIKA	Mounika
19	160711734025	DANDU SUSHMA	Sushma
20	160711734026	VANAM SINDHU PRIYA	Sindhu
21	160711734029	MD ABDUL HAI SIDDIQUI	Abdul Hai
22	160711734031	BITLA DEEKSHITHA	Deekshitha
23	160711734033	DHARAVATHI PRAVEEN	Praveen
24	160711734034	CHIPURCHETTI MANASA	Manasa
25	160711734035	GUGULOTH RAMU	Ramu
26	160711734039	BYAGARI KIRAN	Kiran
27	160711734041	S DIVYA	Divya
28	160711734043	MEKALA SUNIL KUMAR	Sunil
29	160711734046	ALAM SRIKANTH	Srikanth
30	160711734047	K ALEKHYA	Alekhy
31	160711734054	A ALEKHYA GOUD	Alekhy
32	160711734301	B BHAGAVANTHU	Bhagavanth
33	160711734303	SYED MOHSIN ALI	Mohsin
34	160711734304	MUMTAZ ALI KHAN	Mumtaz
35	160711734305	DAGAM SANJEEV	Sanjeev
36	160711734306	MOHD IRSHAD	Irshad
37	160711734308	SYED UMER AHMED	Umer
38	160711734309	SYED OWAIS BUKHARI	Owais
39	160711734310	MD ABRAS HUSSAIN	Abras
40	160711734311	MOHD MUNEEB UDDIN	Muneeb
41	160711734312	VICKY SHARMA	Vicky
42	160711734313	TALEB AHMED MANSOORI	Taleb
43	160711734314	MD JAHANGEER	Jahangeer
44	160711734315	G NAVAJYOTHSUNNY	Navajyot
45	160711734316	PPRAVEEN KUMAR	Praveen
46	10092042	MIRZA FAREED BAIG	Fareed
47	10092026	YASSER QUADRI	Yasser

Head of Department  
Department of EEE

# 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 Ms. Maheeda Uddin Bearing R.No: 160711734012  
of IV-1 Semester EEE Branch, Participated in Certification Courses  
on 31<sup>st</sup> Oct & 1<sup>st</sup> Nov during Oct-November 2014  
in Collaboration with Zonta Academy \_\_\_\_\_.

A handwritten signature in blue ink, appearing to be 'Sant', written over the printed name of the Director.

Director

A handwritten signature in black ink, written over the printed name of the HOD.

HOD

Principal



Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

In-House Certificate Course on “EMBEDDED SYSTEMS DESIGN & DEVELOPMENT” during 1, 2,6,7,8 NOV 2014

DAY	9:30-11:30am	11:00-12:30pm	Lunch break	1:15-3:15pm	3:15-4:15pm
DAY-1	Introduction to micro controller	Basics and types of microcontrollers		Uses of Arduino and Raspberry Pi	Basics of sensors and actuators
DAY-2	Basics of Raspberry pi	Versions of Raspberry pi and its applications		Introduction to the Internet of Things	Introduction to Cloud Computing
DAY-3	Starting with embedded systems	The Arduino Open-Microcontroller Platform		Reading from Sensors * Programming fundamentals ( C program )	* Arduino Programming & Interface of Sensors
DAY-4	Project 1: Simple LED Program for Arduino Project 2: Integrating Sensors & Reading Environmental Physical Values. Project 3: Reading Environmental Values on Android Smartphone	Project 4: Creating Android App using MIT App Inventor & controlling arduino connected devices through App.		Control Devices using Localhost Web Server for Home Automation. • Integrating Ethernet Module & Testing DHCP Connection • Creating Program for Localhost Web Server for controlling devices.	* OS Installation on SD Card Downloading Image Study Various Operating Systems Available Making SD Card: Formatting and Partitions Raspberry Pi SD Installer * OS Configuration
DAY-5	<ul style="list-style-type: none"> <li>• Booting Into Desktop</li> <li>• GUI Version</li> <li>• CLI Desktop</li> <li>• Changing Timezone</li> <li>• Other Options</li> <li>• Raspi-Config</li> <li>• Test</li> </ul>	<ul style="list-style-type: none"> <li>• Network Setup</li> <li>• Setting Up Using GUI</li> <li>• Setting Up Using Command Line</li> <li>• Finding Pi's IP Address</li> <li>• Connecting with Wi-Fi/ LAN/ Datacard</li> </ul>		GPIO <ul style="list-style-type: none"> <li>• Study GPIO Pins</li> <li>• Libraries Using Git</li> <li>• Configuring GPIO Pins</li> </ul>	Project 12: LED Program with Raspberry Pi Project 13: Controlling LED with a Switch using Raspberry Pi. Project 14: Integrating IR Sensor with Raspberry Pi.

*M. Satish*

COURSE COORDINATOR: Mr. SATISH YADAV

*Shobha*  
HOD-ECE

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

In-House Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during 1,2,6,7,8 NOV 2014

CLASS: III YR I Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160713735001	GUNDA MOUNIKA	Excellent	Monika
2	160713735002	A LAXMI PRIYA	Good	Priya
3	160713735003	THIMMAPURAM AMRITHA REDDY	Sat.	Amritha
4	160713735004	SACHIN KUMAR KATAREY	Good	Sachin
5	160713735005	N SAI KRISHNA REDDY	Good	Krish
6	160713735006	VADAGAMA DINESH	Excellent	Krishna
7	160713735007	VUMENTHALA DEESHMA	Good	Deeshma
8	160713735008	VANTIKOMMU KODANDA RAM REDDY	Good	Ramreddy
9	160713735009	T VENUGOPAL REDDY	Good	Venu
10	160713735010	SHABAAZ MUNAWAR KHAN	Good	Munawar
11	160713735011	A VINAY KUMAR	Good	Vinay
12	160713735012	DONTHEENI ANVESH	Good	Anvesh
13	160713735013	SHINDE YOGESHWAR	Satisfactory	Yogeshwar
14	160713735016	SAMALA KALYANI	Good	Kalyani
15	160713735017	POOJA KOMUSANI	Excellent	Pooja
16	160713735018	RACHAPUDI PRATHYUSHA	Sat	Prathyusha
17	160713735019	PATEL KARAN	Satisfactory	Patel
18	160713735020	B RUTHWIJ REDDY	Good	Ruthvij
19	160713735021	SYED ALI MOHD RAFI RAZVI	Good	Ali
20	160713735022	GOVINDREDDY PRASHANTH REDDY	Good	Prashanth
21	160713735023	ALLURI ANKITH REDDY	Excellent	Ankith
22	160713735024	RAVULA ABHILASH	Satisfactory	Abhilash
23	160713735025	G APOORVA	Good	Apoorva
24	160713735034	CHELIMILLA SHESHANK	Good	Sheshank
25	160713735035	MOHAMMED ABDUL HABEEB	Excellent	Abdul
26	160713735036	V VINAY KUMAR	Good	Vinay
27	160713735037	MD KHALED JAMEEL	Excellent	Jameel
28	160713735038	PEDDIGARI NIKHIL ANAND	Good	Nikhil
29	160713735039	EADALADA RENUKA	Good	Renuka
30	160713735043	NARKUDA SRIKANTH	Good	Srikant

\* Feed back: Excellent/Good/Satisfactory

*Shobha*  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

In-House Certificate Course on "EMBEDDED SYSTEMS DESIGN & DEVELOPMENT" during 1,2,6,7,8 NOV 2014

CLASS: III YR I Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
2	160713735047	GAJULA CHANDRAKANTH	Excellent	Chand
3	160713735048	BANDHANADHAM AMULYA	Good	Amulya
4	160713735050	RAVULAPALLY CHIRANJEEVI	Excellent	Chiranjeevi
5	160713735051	BESA PRINCE DAVID SON	Good	David
6	160713735052	SADUVALA CHANDRA SHAKER	Satisfactory	Shaker
7	160713735053	KAMINENI VENKATA KRISHNA	Good	Krishna
8	160713735054	SUGUNA SATYAVOLU	Excellent	Suguna
9	160713735055	KANCHARLA INDRAJEETH	Good	Indrajeeth
10	160713735057	D PARVATHI SINDHU MADHURI	Good	Parvathi
11	160713735058	NEELI SHIVANI	Good	Shivani
12	160713735059	SOMESHWAR SINGH	Good	Singh
13	160713735060	N LIKHITHA	Good	Likhitha
14	160713735063	ABDUL RAZZAK AKRAM	Good	Akram
15	160713735064	MD. SOHAIL KHAN	Excellent	Sohail
16	160713735065	MOHD NASHWAN RIAZ	Good	Nashwan
17	160713735066	GARRAPALLY MANIKANTH GOUD	Good	Manikanth
18	160713735067	VUJJINI DHARUN TEJA	Satisfactory	Teja
19	160713735068	KOMMA JAYA SREE	Excellent	Jaya
20	160713735069	POLAMARASETTI SHEKAR BABU	Good	Shekar
21	160713735070	KAYYAM NITHISHA	Good	Nithisha
22	160713735071	APKA NAGESH	Satisfactory	Nagesh
23	160713735072	HAJERA BANU	Excellent	Hajera
24	160713735073	BIBINAGARAM SHRAVAN KUMAR	Good	Shraavan
25	160713735074	ABDUL AZEEM	Good	Azeem
26	160713735075	KODURU HIMAJA	Excellent	Himaja
27	160713735081	BAYANA RAM NARAYANA RAO	Good	Rao
28	160713735082	HARIKRISHNA SRIRAMA	Excellent	Hari
29	160713735083	PIPPALI PURUSHOTHAM	Good	Purushotham
30	160713735084	B VISHNU VARDHAN	Sat.	Vardhan
31	160713735301	CHADALA MANASA	Good	Manasa
32	160713735302	METPALLI PRASHANTH	Good	Prashanth
33	160713735303	MOHD ABDUL ZUBAIR	Good	Zubair
34	160713735304	SHEIK TAHEER	Good	Taheer
35	160713735305	M DINESH	Excellent	Dinesh

\* Feed back: Excellent/Good/Satisfactory

*Shobha*  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

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

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



## Certificate of Participation

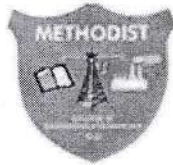
Certified that Mr/Ms Komma Jaya Sree Bearing R.No: 160713735068  
of III-I Semester ECE Branch, Participated in Certification Courses  
on Embedded Systems Design & Development during 1, 2, 6, 7, 8 NOV '2014.  
in Collaboration with In house training programme.

  
Director

  
HoD

  
Principal





Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

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Abids, Hyderabad, Telangana, 500001

### Department of ELECTRONICS & COMMUNICATION ENGINEERING

IEEE SB Collaborated Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 30, 31 MAR & 6, 7, 8 APR 2015

Days	9.30 - 11.00am	11.00 -12.30 pm	LUNCH BREAK	1.15 -3.15pm	3.15 - 4.15pm
Day1	Introduction to Embedded systems	Basics of Micro Controllers	-	Arduino Basics	Arduino Architecture & Board layout Basics
Day2	Fundamentals to Embedded C programming	AVR programmer using Data types and keywords	-	Arduino Integrated development environment (IDE), identifying Arduino family boards	Connecting system Port to Arduino
Day3	Simple LED Blink Programming	Interfacing of Infra Red sensor	-	Interfacing of LDR (Analog values), varying the values through Analog & Digital Pins	Interfacing with IR and LED
Day4	Ultrasonic Sensor types	Interfacing of ultra sonic sensor to Arduino	-	Observing ultra sonic values in serial monitor, Logic to use "For" &"While" loops in Ultrasonic sensor	Logic Blueprint for Obstacle Avoiding Robot
Day5	Interfacing the H-Bridge with Arduino	Motors control using code in Arduino.	-	Interfacing between Motors and Ultrasonic Sensor, Complete interfacing of Ultrasonic & Motors & LED	Final Obstacle Avoiding Robot

*M. Satish*

COURSE COORDINATOR: Mr. SATISH YADAV

*Shobha*  
HOD-ECE

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

IEEE Collaborated Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 30,31 MAR & 6,7,8 APR 2015

CLASS: III YR II Sem

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160712735001	BHEEMA FATHIMA NISHA P	Good	Fathima
2	160712735002	SAMEER M THAKKER	Excellent	Sam
3	160712735003	KUNCHANAPALLI VEERAKESHAV	Good	Veera
4	160712735004	ATUL KUMAR GOYAL	Excellent	Atul
5	160712735005	BANDAPALLI HRUDAYKUMAR REDDY	Excellent	HR
6	160712735006	AMRUTA MUNGIKAR	Good	Amruta
7	160712735007	SAMAY	Good	Sam
8	160712735008	SALLA MANU SANDESH REDDY	Good	Manu
9	160712735009	PULIPATI ADITYA	Satisfy	Aditya
10	160712735010	MARAM SAI KIRAN REDDY	Excellent	Kiran
11	160712735011	ACHANNAGARI ASHRITHA	Good	Ash
12	160712735013	MADGULA AKSHITHA	Good	Aksh
13	160712735015	DYAPA RAVITEJA REDDY	Good	Dyapa
14	160712735017	EROLLA DANNY	Good	Danny
15	160712735019	CHERUKURI YETHI VENKATAMALA SANDHYA	Excellent	Venkat
16	160712735020	GAJJAVELL JAYAPRIYA	Good	Jaya
17	160712735021	BOMMARAVENI RAJASHEKAR	Good	Raja
18	160712735022	CHILUKURI GOPI	Satisfy	Gopi
19	160712735023	AZMEERA RAMESH	Good	Ramesh
20	160712735024	BHADRI PRUDVIRAJ	Good	Prud
21	160712735025	KONDAPARTHI VENKATESH	Good	Venka
22	160712735027	ARAKALA DILEEP GOUD	Excellent	Dileep
23	160712735030	BURRI ANIL KUMAR	Good	Anil
24	160712735035	VALLABHADAS RAHUL GOUD	Excellent	Rahul
25	160712735038	ARJUN GOUD MOOLA	Good	Arjun
26	160712735045	ANAGANTI SANTHOSH KUMAR	Good	Santhosh
27	160712735046	T MAHARSHI SANAND YADAV	Satisfy	Sanand
28	160712735049	VOSAWAR ANUSHA	Good	Anusha
29	160712735053	BASAPALLY YASHWANTH	Excellent	Yash
30	160712735057	SHADNAGAR DYAGA JYOTHSNA RANI	Good	Jyotsna

\* Feed back: Excellent/Good/Satisfactory

*Shobha*  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

IEEE Collaborated Certificate Course on "ARDUINO PROGRAMMING & APPLICATIONS" during 30,31 MAR &  
**CLASS: III YR II Sem**

S.No.	Roll No.	Name of the Student	Feedback	Signature
1	160712735061	POLU MANISHA	Good	Manisha
2	160712735062	MALLEPALLI PRIYANKA	Satisfactory	Pr
3	160712735063	VALIJALA BINDU	Good	Bindu
4	160712735064	PIKKE VIJAYA LAKSHMI		Lakshmi
5	160712735067	CHADALA APOORVA	Good	Apoorva
6	160712735068	M VIJAY KUMAR	Sat	Sar
7	160712735069	G CHETHANA	Exc	Chethana
8	160712735070	RATANALA PRASANNA LAXMI	Good	Prasanna
9	160712735072	ALAKUNTA VINODKUMAR	Exc	Vinod
10	160712735083	PUSA JESHWANTH SAI KIRAN	Good	Jeswanth
11	160712735085	VENUGOPAL	Good	Venu
12	160712735087	P.AKHIL	Good	Akhil
13	160712735089	SYED ZEESHAN MADANI	Good	Zeehan
14	160712735091	M. MARY TEJASWI	Satisfactory	Tejaswi
15	160712735092	SYED QAYAM HUSSAIN ABIDI	Exc	Qayam
16	160712735093	SYED BAQUIR HASAN	Excellent	Baqir
17	160712735099	K.TEJASWINI	Excellent	Tejaswini
18	160712735103	RAKESH	Excellent	Rakesh
19	160712735106	KEVIN OOMMEN THOMAS	Good	Kevin
20	160712735107	BITLA.POOJA	Good	Pooja
21	160712735108	Y.RUTHVIK	Excellent	Ruthvik
22	160712735111	GURRALA THRINATH REDDY	Good	Thrinath
23	160712735301	PATHAN BABHUKHAN	Excellent	Babhukhan
24	160712735302	MOHD.AKHEEL	Good	Akheel
25	160712735303	MOHD.ISRAN	Good	Isran
26	160712735304	SYED HABEEB	Satisfactory	Habeeb
27	160712735305	M.SANTHOSHI NEERAJA	Good	Neeraja
28	160712735308	SYED ASAD ALI	Good	Asad
29	160712735309	SARIKA	Excellent	Sarika
30	160712735310	G. MAMATHA	Good	Mamatha

\* Feed back: Excellent/Good/Satisfactory

Shobha  
 HEAD OF THE DEPARTMENT  
 DEPARTMENT OF ECE  
 METHODIST COLLEGE OF ENGG. & TECH.  
 ABIDS, HYDERABAD.

# 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 Y. Ruthvik Bearing R.No: 160712735106  
of III-I Semester ECE Branch, Participated in Certification Courses  
on Arduino Programming & Appl during 30,31 Mar & 6,7,8 Apr'2015.  
in Collaboration with IEEE Student Branch, MCET.

  
**Director**

  
**HoD**

  
**Principal**