



Estd : 2008

METHODIST

COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad
Abids, Hyderabad, Telangana, 500001

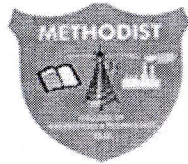
1.1.2 Number of Certificate/diploma program introduced during last five years					
TIMELINE:2014-15 TO 2018-19					
DEPARTMENTS	2018-19	2017-18	2016-17	2015-16	2014-15
CIVIL	1	1	0	0	0
CSE	4	3	3	0	4
ECE	3	5	2	1	2
EEE	3	2	1	1	1
MECH(UG)	6	7	8	3	2
MECH(PG)-CAD CAM	2	3	0	1	0
MBA	1	1	1	0	0
CERTIFICATE PROGRAMS INRODUCED YEARWISE	20	22	15	6	9
CERTIFICATE PROGRAMS INRODUCED OVER LAST 5 YRS					72

SUMMARY

- Total no. of certificate programs organized over past 5 years under 5-Engineering programs & DBM are summarised in above table
- These programs are conducted for 5 -6 days @ 6-7 hours per day, spread across 1-2 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

Details of Attachment: CERTIFICATE COURSES OF ECE DEPARTMENT

Program name	Name of the Certificate/diploma introduced in last 5 years	Year of introduction	No of Students Participated
BE(ECE)	In-house certificate program on FPGA based VLSI Design using Microwind	2018-19	73
BE(ECE)	IETE student forum Collaborated certificate program on Aurdino programming and applications	2018-19	44
BE(ECE)	IETE student forum Collaborated certificate program on PCB Design and Circuit simulation	2018-19	27
BE(ECE)	In-house certificate program on Creation & Simulation of Microstrip antennas using HFSS	2017-18	64
BE(ECE)	MSR PROJECTS Collaborated program on MATLAB programming on Image processing	2017-18	64
BE(ECE)	Armtronics Collaborated Certificate program on Embedded systems Design & Development	2017-18	33
BE(ECE)	IETE student forum Collaborated certificate program on Aurdino programming and applications	2017-18	21
BE(ECE)	IETE student forum Collaborated certificate program on PCB Design and Circuit simulation	2017-18	97
BE(ECE)	Armtronics Collaborated certificate program on PCB Design and Circuit simulation	2016-17	54
BE(ECE)	Armtronics Collaborated certificate program on Embedded systems Design & Development	2016-17	38
BE(ECE)	Armtronics Collaborated certificate program on PCB Design & fabrication	2015-16	59
BE(ECE)	In-house certificate program on Embedded systems Design & Development	2014-15	37
BE(ECE)	IEEE student branch Collaborated certificate program on Aurdino programming and applications	2014-15	15



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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"> • Booting Into Desktop • GUI Version • CLI Desktop • Changing Timezone • Other Options • Raspi-Config • Test 	<ul style="list-style-type: none"> • Network Setup • Setting Up Using GUI • Setting Up Using Command Line • Finding Pi's IP Address • Connecting with Wi-Fi/ LAN/ Datacard 		GPIO <ul style="list-style-type: none"> • Study GPIO Pins • Libraries Using Git • Configuring GPIO Pins 	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.

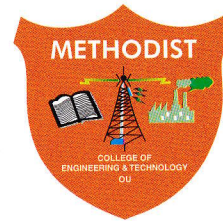
COURSE COORDINATOR: Mr. ARJUN MODI, ARMTRONICS LTD.

HOD-ECE

METHODIST COLLEGE OF ENGINEERING & 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

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ECE
WORKSHOP FOR III/IV ON ES & IoT-2018
AT DSP LAB ON 23.02.2018 & 24.02.2018

SL NO	ROLL NO	NAME	SIGNATURE	FEEDBACK
1	160716735002	PARVATHIGARI SHIVANEESH REDDY	<i>[Signature]</i>	Satisfactory
2	160716735004	THATIKONDA MANOHAR REDDY		
3	160716735005	UPPALA SUMANTH	<i>Sumanthu</i>	Good.
4	160716735006	AKARAPU HARSHITHA	<i>Harshitha</i>	Good
5	160716735007	NUKALA SOWMYA		
6	160716735009	MAINAMPATI NIHARIKA REDDY	<i>Neha</i>	Good.
7	160716735010	BODLA SINDHUPRIYA	<i>Sindhupriya</i>	Satisfactory.
8	160716735015	INDRA KUMAR A		
9	160716735016	DEEPAK KACHAVA	<i>Deepak</i>	Good
10	160716735018	RUPANAGUDI RAGHUPATHI REDDY	<i>R Reddy</i>	Excellent
11	160716735021	KALLEM PRATHYUSHA	<i>Prathyusha</i>	Good
12	160716735024	K M V N P SREE POOJITHA	<i>Poojitha</i>	Satisfactory
13	160716735027	MANGU SYAMA AISHWARYA BHARTI		
14	160716735029	EDALA ISHWARYA	<i>Ishwarya</i>	Good.
15	160716735031	AYESHA		
16	160716735036	C DHARMENDAR	<i>Dharmendar</i>	Good
17	160716735037	G SRAVANI	<i>Sravani</i>	Good
18	160716735039	BOBBALA NARESH	<i>Naresh</i>	Excellent
19	160716735040	PODURI AJIT		
20	160716735041	SADAM MAHESH	<i>Mahesh</i>	Excellent
21	160716735061	S PRANAV	<i>Pranav</i>	Satisfactory
22	160716735062	GUGGILAPU NAGA SRIVALLI	<i>Srivalli</i>	Good
23	160716735069	ADIBA ANJUM	<i>Anjum</i>	Excellent
24	160716735070	GONGLURI JYOTHIPRASANNA	<i>Jyothi</i>	Excellent
25	160716735073	MIRZA ROMAAN ALI BAIG	<i>Romaan</i>	Satisfactory
26	160716735081	MOHAMMED ABDUL SATTAR		
27	160716735083	PYARAM ABHISHEK KUMAR	<i>Abhishek</i>	Good.
28	160716735086	AESURI SAI PRIYA	<i>Sai Priya</i>	Excellent
29	160716735089	HUSNA FATIMA		
30	160716735093	KATHROJU NEEHARIKA	<i>Neeharika</i>	Good
31	160716735097	VELAKURTHY DHARANIDHAR	<i>Dhanidhar</i>	Good
32	160716735302	DUDDU PRABHA SOWMYA SREE	<i>Sowmya</i>	Good.
33	160716735305	KALYANSETTY AAKASH		

* Feed back: Excellent/Good/Satisfactory