



Estd : 2008

METHODIST

COLLEGE OF ENGINEERING AND TECHNOLOGY

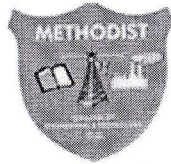
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Abids, Hyderabad, Telangana, 500001

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
CERTIFICATE PROGRAMS INTRODUCED YEARWISE	6	5	3	2	3
CERTIFICATE PROGRAMS INTRODUCED OVER LAST 5 YRS					19

SUMMARY

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



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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"> • 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.

Shobana Jf

HOD-ECE

COURSE COORDINATOR: Mr. ARJUN MODI, ARMTRONICS LTD.

LIST OF THE PARTICIPANTS ATTENDED EMBEDDED SYSTEMS DESIGN&DEVELOPMENT WORKSHOP

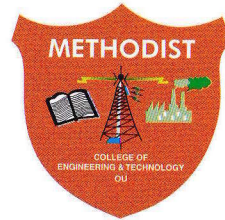
DATES :17,18,23,24,25 MAR 2017

SNO	ROLL NO	NAME OF THE CANDIDATE	SIGNATURE	FEED BACK
1	160714735002	P KAVYA SRI	Kavya	Good
2	160714735004	N SWATHI	Swathi	good
3	160714735005	MAHJABEEN TABASSUM	Tabassum	Excellent
4	160714735007	K SPANDANA	Spandana	Good
5	160714735008	P SRUTI VENKATESH	Sruti	Satisfactory
6	160714735010	K SARIKA	Sarika	good
7	160714735011	G SOUJANYA	Soujanya	good
8	160714735013	CH PROHITH KUMAR	Prohith	Good
9	160714735014	B PRAVALIKA	Pravalika	good
10	160714735016	S PRIYANKA	Priyanka	Good.
11	160714735018	N MANASA	Manasa	Good
12	160714735020	K NAVANEETHA	Navaneetha	Good
13	160714735022	V SRAVYA DEVI	Sravya	Good
14	160714735023	K LAHARI	Lahari	Satisfy
15	160714735028	P SONALI	Sonali	Good.
16	160714735029	K ROJA	Roja	Excellent
17	160714735034	V PREETHI SUDHA	Sudha	EXCELLENT
18	160714735041	D GOWTHAM,SHIVA RAM	Gowtham	Excellent
19	160714735042	G LALITHA	Lalitha	Excellent
20	160714735045	J PRATHIBA	Prathiba	Excellent
21	160714735047	MD FARAZ	Faraz	good
22	160714735048	A GAYATHRI	Gayathri	GOOD
23	160714735049	MD ABDUL QADEER	Abdul Qadeer	Excellent
24	160714735050	MD ASIF	Asif	Excellent
25	160714735051	B KARUNYA KAMALA	Karunya	Good
26	160714735052	B BLESSY ABIGAIL	Blessy	Good
27	160714735059	T RAHUL TEJA	Rahul	Good
28	160714735065	M LAXMI KIRANMAI	Laxmi	Excellent
29	160714735066	P RAMYA SHRI	Ramy	Good
30	160714735068	M RAJESH	Rajesh	Good
31	160714735074	G KARTHIK	Karthik	Excellent
32	160714735087	Y VARNIKA	Varnika	Good
33	160714735305	MD SANAUULLAH KHAN	Sanaullah	Good
34	160714735311	D NITYA SANTOSHI RUPA	Nitya	Excellent
35	160714735035	P AKASH	Akash	Excellent
36	160714735043	GULAM NABI	Gulam	Good
37	160714735003	MUDASSIR SHARIF	Mudassir	Excellent
38	160714735009	MUDASSIRUDDIN ALVI	Mudassir	Good

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