



Estd : 2008

METHODIST

COLLEGE OF ENGINEERING AND TECHNOLOGY

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

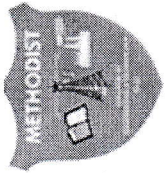
1.1.2 Number of Certificate/diploma program introduced during last five years					
TIMELINE:2014-15 TO 2018-19					
DEPARTMENTS	2018-19	2017-18	2016-17	2015-16	2014-15
CIVIL	1	1	0	0	0
CSE	4	3	3	0	4
ECE	3	5	2	1	2
EEE	3	2	1	1	1
MECH(UG)	6	7	8	3	2
MECH(PG)-CAD CAM	2	3	0	1	0
MBA	1	1	1	0	0
CERTIFICATE PROGRAMS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

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 Yadav

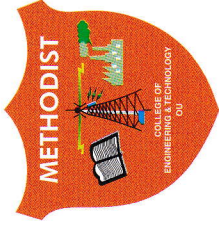
COURSE COORDINATOR: Mr. SATISH YADAV

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


Director


HoD


Principal

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF ECE
WORKSHOP ON ARDUINO-2015
AT DSP LAB ON 23.03.2015 & 24.03.2015

Sl.No	Roll No	Name	Signature	Feedback
1	160712735065	R MANISHA	<i>R Manisha</i>	Excellent
2	160712735074	P VIDISHA	<i>P Vidisha</i>	Satisfactory
3	160712735075	G VENKAT SOUJANYA	<i>G Venkate</i>	Good
4	160712735086	P JESHWANTH SAIKIRAN	<i>P Jeshwanth</i>	Good
5	160712735102	PRIYANKA SHIRODHKAR	<i>Priyanka</i>	Good
6	160712735103	R RAKESH KUMAR	<i>R Rakesh</i>	Satisfactory
7	160712735106	Y RUTHVIK	<i>Y Ruthvik</i>	Good
8	160712735107	B POOJA	<i>B Pooja</i>	Good
9	160712735111	G THRINATH REDDY	<i>G Thrinath Reddy</i>	Good
10	160712735301	BABU KHAN	<i>Babu Khan</i>	Satisfactory
11	160712735303	MD ISRAN	<i>MD Isran</i>	Satisfactory
12	160712735310	G MAMATA	<i>G Mamata</i>	Good
13	160712735311	SRUTHI	<i>Sruthi</i>	Good
14	160712735312	CH VANI	<i>Ch Vani</i>	Good
15	160712735313	GOUTHAM KUMAR	<i>Goutham</i>	Good

* Feed back: Excellent/Good/Satisfactory