



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K – 574225
Phone: 08258-262725, Fax: 08258-262726

Department of Electronics & Communication Engineering

Summary Report of Add-on/Certificate program with its Outcomes

Academic Year : 2017-18	Duration: 9-10-2017 to 13-10-2017
Title of the Course: MATLAB & SIMULINK	
Resource Person: Mr. Madhusudhan Rao, Managing Director, Unique Global, Bangalore.	

The department conducted Certification Course on “MATLAB & SIMULINK” for final year students of Electronics and Communication Engineering from 9-10-2017 to 13-10-2017 by Mr. Madhusudhan Rao, Managing Director, Unique Global, Bangalore.

104 students of final year, Electronics and Communication Engineering are benefitted from this course and were able to

- Understand the concepts such as matrix manipulation, data input and output, different data types and the ranges in MATLAB.
- How to read text files in MATLAB, GUI related firmware.
- Simulink block set and their functions.

Dr. D V Manjunatha
H. O. D.

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Summary Report of Add-on/Certificate program with its Outcomes

Academic Year : 2017-18	Duration: 15-09-2017 to 12-10-2017
Title of the Course: PCB Beginner's Course.	
Resource Person: Mr. Himanshu Rangadhol, CTO, Oscki Labs, AIET, Mijar	

The department conducted Certification Course on "PCB Beginner's Course" for 3rd and 5th semester students of Electronics and Communication Engineering from 15-09-2017 to 12-10-2017 by Mr. Himanshu Rangadhol, CTO, Oscki Labs, AIET, Mijar.

78 students of 3rd and 5th semester, Electronics and Communication Engineering are benefitted from this course and were able to

- Understand the basic circuit building and component learning.
- Design the schematic in e-schema.
- Design multiple circuits using PCB.
- Create Gerber file for the circuit..

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Summary Report of Add-on/Certificate program with its Outcomes

Academic Year : 2017-18	Duration: 26-02-2018 to 2-03-2018
Title of the Course: Introduction to Robotics.	
Resource Person: Mr. Santosh S. Assistant Professor, Dept of ECE, AIET, Mijar.	

The department conducted Certification Course on "Introduction to Robotics" for pre-final year students of Electronics and Communication Engineering from 26-02-2018 to 2-03-2018 from Mr. Santosh S, Assistant Professor, Dept of ECE, AIET, Mijar.

89 students of pre-final year, Electronics and Communication Engineering are benefitted from this course and were able to

- Understand the basics of Embedded System and Fire Bird V robot.
- Acquire the knowledge on AVR Microcontroller and Programming Environment.
- Control Robot velocity using PWM.
- Learn the concepts of sensor switching in robots and its programming.

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