



Department of Electronics & Communication Engineering

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

| | |
|--|--|
| Academic Year : 2016-17 | Duration: 27-02-2017 to 1-04-2017 |
| Title of the Course: Software Testing | |
| Resource Person: Mr. Anantha Somayaji, Managing Director, UniQval Software Solutions, Bangalore | |

The department conducted Certification Course on “Software Testing” for 6th semester students of Electronics and Communication Engineering from February 27th 2017 to 1st April 2017 from UniQval Software solutions, Bangalore.

113 students of 2nd and 3rd year, Electronics and Communication Engineering are benefitted from this course and were able to

- Understand the Concepts & Importance of Software Testing.
- Create Test Plan, Test Scenarios, Test Case Development, Test Case Execution, Logging Defects, and Defect Life Cycle.
- Acquire the knowledge on Real Time Testing of Product: Abhyaspod - HTML, Android screen developments, website development, Database concepts (using both GUI tool and through commands).
- Develop Web Application using PHP, MySQL and HTML Selenium Automation.

Dr. D V Manjunatha

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg & Technology
Mijar, MOODBIDRI - 574 225



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 : 2016-17 | Duration: 11-10-2016 to 15-10-2016 |
| Title of the Course: MATLAB and its application in Signal and Image Processing. | |
| Resource Person: Mr. Sanjeeva Kybakaddi, ITIE Knowledge Solutions, Bangalore | |

The department conducted Certification Course on “MATLAB and its application in Signal and Image Processing” for Final students of Electronics and Communication Engineering from 11-10-2016 to 15-10-2016 from UniQval Software solutions, Bangalore.

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

- Understand the Fundamentals of Signal Processing.
- Basics of MATLAB and its applications.
- Design different filters and operations such as convolution and correlation.
- Fundamentals of color image processing and color models.

Dr. D V Manjunatha

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225



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 : 2016-17 | Duration: 16-08-2016 to 22-08-2016 |
| Title of the Course: Telecom Technology Awareness Course. | |
| Resource Person: Mr. V G Nayak, Senior Telecom Engineer, Telecom House, Pandeshwar, Mangalore. | |

The department conducted Certification Course on "Telecom Technology Awareness Course" for 3rd year students of Electronics and Communication Engineering from 16-08-2016 to 22-08-2016 from Mr. V G Nayak, Senior Telecom Engineer, Telecom House, Pandeshwar, Mangalore.

111 students of 3rd year, Electronics and Communication Engineering are benefitted from this course and were able to

- Understand the Real time environment with hands on exposure to readily installed and working OFC/ STM-1/-STM-4/STM-16, DWDM, GPON (OLTE) systems along with necessary Testing Instruments, Broadband, Internet & Intranet, Wifi/WiMax, Mobile 2G/3G/4G Techniques, Voice & Data Calls.
- Insight to optical fiber communication, Digital Switching systems, Computer Networks.

Dr. D V Manjunatha

H. O. D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225