



PRABODHAN SHIKSHAN PRASARAK SANSTHA'S (Regd.No. E-697 Ratnagiri)

**RAJENDRA MANE COLLEGE OF ENGINEERING AND TECHNOLOGY**

Recognised by AICTE, Affiliated to Mumbai University

Office : At & Po – Ambav (Devrukh)- 415804 Tal: Sangmeshwar, Dist: Ratnagiri, (Maharastra)

☎ : (02354) 260992 • Fax: (02354) 261501 • Email : info@rmcet.com • Website : www.rmcet.com

**Department of Electronics and Telecommunication Engineering**

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## **“Basics of Computer hardware and networking”**

Computer hardware and networking workshop had conducted by Miss. Swati Birje and Mr. Ajit Tatugade, Asst. Professors in Electronics and Telecommunication Engineering Department for third year EXTC students, on 1<sup>st</sup> Aug. 2016. The motive behind organizing this workshop was to train students for tackling networking related issues. The presentation of various hardware and networking devices and components were first given by resource persons followed by hands-on session on making cross and straight cabling which is used for making LAN. After making straight and cross cabling, students were taught with the help of LAN tester, how to check whether made cable is correct or not. Students were actively participated and enjoyed workshop.

The following topics were highlighted in this workshop:

1. Hardware devices and components:
  - i) Switches (with different ports), hub, routers, firewall,
  - ii) Hard drive, DDR1, DDR2, DDR3 RAM,
2. Networking tools and components:
  - i) Crimping tool, cutter, LAN tester etc.
  - ii) CAT5, CAT6 cables, RJ45 connectors

