Course Code: EIPS - 206		
Course Title: Computer Networking- III Lab		
Number of Credits: 03	**Total Hours: 84**	**Total Marks: 75**

Prerequisites for the course

Students should know the topics covered in Computer Networking I, II Lab

Objectives of Course

This course is intended to introduce:
1. Basic switch configuration
2. Access switch via web browser
3. Implement VLAN
4. Understand STP

Lab Content

Exp.1: Accessing Switch via HyperTerminal
Exp.2: Creating/ deleting user account on switch
Exp.3: Resetting accounts and password of a switch
Exp.4: Setting IP address of switch
Exp.5: Getting information about switch
Exp.6: Change name of switch
Exp.7: To enable/disable ports of switch
Exp.8: To access switch via web browser
Exp.9: Creating static VLAN
Exp.10: Configuring Tagged/untagged ports
Exp.11: Configuring GVRP Dynamic VLAN
Exp.12: Configuring STP on switches
Exp.13: Configuring primary and secondary root bridge
Exp.14: Monitoring STP Convergence
Exp.15: Configuring static routes
Exp.16: Configuring RIP
Exp.17: Configuring route preference

Pedagogy

Experiments

Course Outcome

On completion of the course, students will be able to:
1. Implement basic switch configuration
2. Access switch via web browser
3. Implement VLAN
4. Implement STP