

MEHRAN UNIVERSITY OF ENGINEERING AND TECHNOLOGY, JAMSHORO
DEPARTMENT OF TELECOMMUNICATION ENGINEERING

FRM-001/00/QSP-004
Dec. 01, 2001

PRACTICAL SCHEDULE

Name of Teacher: **Engr. Zulfiqar Ali Arain**

Subject: **Broad Band Digital Networks**

Batch: **13TLII** Year: **Final** Semester: **2nd**

Semester Starting Date: **18-07-2016**

Semester Suspension date: **06-11-2016**

Sr. #	Topic	No. of Lectures required
1	TO INITIALIZING AND RELOADING A ROUTER AND A SWITCH.	3
2	TO BECOME FAMILIAR WITH THE BASIC CONFIGURATION OF CATALYST SWITCH.	3
3	TO BECOME FAMILIAR WITH THE BASIC VLAN CONFIGURATION OF A SWITCH.	3
4	TO BECOME FAMILIAR WITH THE ROUTER AND ITS BASIC CONFIGURATION PARAMETERS.	3
5	TO CONFIGURE THE STATIC & DEFAULT ROUTES BETWEEN ROUTERS TO ALLOW DATA TRANSFER WITHOUT THE USE OF DYNAMIC ROUTING PROTOCOLS	3
6	TO CONFIGURE THE DYNAMIC ROUTING INFORMATION PROTOCOL (RIP) ON ROUTERS.	3
7	CLASSLESS INTERDOMAIN ROUTING (CIDR), BASIC VARIABLE LENGTH SUBNET MASK (VLSM) CALCULATION AND IP ADDRESSING DESIGN	3
8	TO CONFIGURE THE DYNAMIC ROUTING INFORMATION PROTOCOL V2 (RIPV2) ON ROUTERS.	3
9	TO CONFIGURE THE DYNAMIC ENHANCED INTERIOR GATEWAY ROUTING PROTOCOL (EIGRP) ON ROUTERS.	3
10	EIGRP ROUTING PROTOCOL TROUBLESHOOTING LAB	3
11	TO CONFIGURE THE DYNAMIC OPEN SHORTEST PATH FIRST ROUTING (OSPF) ON ROUTERS.	3
12	OSPF ROUTING PROTOCOL TROUBLESHOOTING LAB	3
13	INTRODUCTION TO RIVERBED MODELER AND TO DEMONSTRATE THE BASICS OF DESIGNING A NETWORK.	3
14	IMPLEMENTATION AND PERFORMANCE ANALYSIS OF ROUTING BASED ON THE DISTANCE VECTOR AND LINK STATE ROUTING ALGORITHMS.	3
Total lectures		42

Signature of Teacher:

Dated:

Remarks of DMRC:

Signature of Chairman:

Dated: