Class work details of 1st August, 2011.

MORNING SESSION:

DCCN:

Data rate measurement topic was discussed:

Problem with TDM. What are the strategies to handle it.

- Multilevel multiplexing
- Multislot multiplexing
- Pulse Stuffing

DS or T line

OR:

Q1) Solve the following T_{pp}?

	D1	D2	D3	D4	D5	Supply
O1	3	5	8	9	11	20
O2	5	4	10	7	10	40
O3	2	3	8	7	7	30
Demand	10	15	25	30	40	

HW:

Q1) Solve the following T_{pp}?

	I	II	III	IV	Availability
A	5	2	4	3	22
B	4	8	1	6	15
C	4	6	7	5	8
Requirement	7	12	17	9	

Q2) A production control superintendent find the following information on his desk In department A,B,C. The number of surplus palets is 18,27,21 respectively. The time In minutes to move a pallet from one department to another department plan is given Below. What is the optimum distribution plan to minimize the moving time using MODI method?

	G	H	I	J	
A	13	25	12	21	18
B	18	23	14	9	27
C	23	15	12	16	21
	14	12	23	17	

PPL:

Unit-3 started and data type topic was discussed.

AFTERNOON SESSION:

OS:

- Thread Scheduling
- Case study of LINUX and Windows scheduling

Unit-3 started.

- Introduction to producer-consumer problem was discussed

MPI:

Architecture of 8237 DMA controller was discussed.