

Course: Electronics and Telecommunications Engineering, Course Coordinator: Sudhir Kumar Dubey, HoD, Government Womens Polytechnics College, Bhopal

Sem	Name of Faculty	Subject	Module	Lecture Topic	Link
III	Mahendrapal Singh Pachlaniya	Analog circuits	LO-13 & 14	Introduction to Multivibrator	https://www.youtube.com/watch?v=GBtHvQlcpjl&feature=
III	Vaishali Sahu	Analog circuits	LO-7 & 8	Transistor as an Amplifier	https://www.youtube.com/watch?v=Ae4XTOrgJG0&feature=
III	Sourav Kumar	Analog circuits	LO- 5,10 & 11	BJT Biasing (Part 1)	https://www.youtube.com/watch?v=0d_SMcZuWag&feature=
III	Dr Nupur Agarwal	Analog communication	1 & 4	Communication System	https://www.youtube.com/watch?v=bovwXPvPisw&feature=
III	Mr Ashish Mandloi	Digital Electronics	2,4,6,8,10 & 12	VIDEO ON NUMBER SYSTEM AND CONVERSION	https://www.youtube.com/watch?v=jLU_D5mQ5OA
				LECTURE ON BINARY CODES AND CONVERSION	https://www.youtube.com/watch?v=0mG_j3NjGk&t=24s
				LECTURE ON BINARY OPERATION	https://www.youtube.com/watch?v=apsN2Az07NQ
				LECTURE ON COMPLIMENTS AND SUBTRACTION USING COMPLIMENT	https://www.youtube.com/watch?v=HumO15kEdzl&feature=
			12	Lecture on counter type analog to digital converter	https://www.youtube.com/watch?v=5cX2yUS_bNc
				Lecture on counter type analog to digital converter	https://www.youtube.com/watch?v=ihd37DG7nKY
III	Mr SS Yadav	Digital Electronics	1, 3,5,7,9,11, &13	Number System-1	https://www.youtube.com/watch?v=N82C1RXwBIM&feature=

				Number System-2	https://www.youtube.com/watch?v=R8ZT67i_JOY&feature=
				Number System-3	https://www.youtube.com/watch?v=WFmOyhQvwK0&feature=
				Number System-4	https://www.youtube.com/watch?v=mK2ydHzAC20&feature=
				Number System-5	https://www.youtube.com/watch?v=IR3tKliBMy4&feature=
				Number System-6	https://www.youtube.com/watch?v=IR3tKliBMy4&feature=
				Number System-7	https://www.youtube.com/watch?v=szk9gQKvHBo&feature=
				Number System-8	https://www.youtube.com/watch?v=qz1HyEkuU6w&feature=
				Number System-9	https://www.youtube.com/watch?v=tLgXOceZx5g&feature=
III	Mr Anoop Tiwari	Programming in C	1,2,3,4,& 5	C01 AT What is Programming	https://www.youtube.com/watch?v=Ftj7SUI1fLU&feature=y
				C02 AT Algorithm & Flow chart	https://www.youtube.com/watch?v=ufxEfR4YW8&feature=
				C03 AT Assembler, Compiler & Interpreter	https://www.youtube.com/watch?v=HpYaV_j9Sw8&feature=
				C04 AT C Programming Structure	https://youtu.be/ZHGWCEUOwcY
				C05 Preprocessors in c	https://www.youtube.com/watch?v=ucj86vVL0-A&feature=
				C 06 AT Tokens in C	https://www.youtube.com/watch?v=1bs9FMOEBp8&feature=
				C07 AT Hello World programme	https://www.youtube.com/watch?v=DWnx-bEvJLw&feature=
				C08 AT Variables & Data types in C	https://www.youtube.com/watch?v=846twazYAtw&feature=
				C09 AT using data types	https://www.youtube.com/watch?v=UiT61m3M6bw&feature=
V	Mrs Pallavi Narware	Instrumentation & Control	1 & 5	Classification of Instruments and Block Diagram	https://youtu.be/Bzx7qxmY9q8

			1.2	Characteristics of instrument and types of error	https://www.youtube.com/watch?v=SZCDpKyvZZg&feature
			1.3	Primary sensing elements and transducers	https://www.youtube.com/watch?v=wkIHim9KBwk&feature
			1.4	Potentiometer, strain gauge, capacitive transducer	https://www.youtube.com/watch?v=ehB7x49GUGc&feature
			1.5	RTD, thermistor, thermocouple	https://www.youtube.com/watch?v=s7DyJblISoc&feature=y
V	Ms Preeti Alave	Instrumentation & Control	2 & 4	Data Transmission	https://youtu.be/cdDgkfnsyiQ
			2	Data Transmission & Telemetry	https://www.youtube.com/watch?v=zL5jWbrUe48&feature
			2	Telemetry & it's Type	https://www.youtube.com/watch?v=NHvMBztAVKU&feature
V	Mrs Jyoti Gupta	Data Communication & network	3 & 4	Types of Computer Network	https://www.youtube.com/watch?v=iSO20u1-6yA&feature
			3	Fundamentals of OSI Model, Part-1	https://www.youtube.com/watch?v=y9D6kQiQ79o&feature
			3	Fundamentals of OSI Model, Part-2	https://www.youtube.com/watch?v=t92bH2MezDQ&feature
V	Ms Rameshwari Bisen	Data Communication & network	1	Data Communication & Networks, lecturer - 1	https://youtu.be/pU51cK05zd0
			1	Serial & Parallel Data Transmission	https://www.youtube.com/watch?v=Zw6Zp4tJTQM&feature

			1	VRC Error Detection Technique	https://www.youtube.com/watch?v=PZWZK030jos&feature=
			1	LRC Error detection Technique	https://www.youtube.com/watch?v=0aLG8z9nTDE&feature=
			1	Check Sum Error Detection Technique	https://www.youtube.com/watch?v=VEtFi8YFNB8&feature=
V	Mr Monish Kumar Jain	Data Communication & network	2	Lecture 1 DATA COMMUNICATION AND NETWORK BASICS OF DCE SND DTE	https://www.youtube.com/watch?v=6YlozCa0iyk&feature=y
			2	Lecture 2 Hardware Interface Basic of UART and USRT	https://www.youtube.com/watch?v=hHul4dOfQX8&feature=
			2	Lecture 4 Hardware Interface USB	https://www.youtube.com/watch?v=-cwRcB4Nh_E&feature=
			2	Lecture 3 Hardware Interface RS232C	https://www.youtube.com/watch?v=nd7CU3oI9sY&feature=
V	Mr H Takur	Industrial Electronics	3,4 ,5 & 6	Ujt triggering of scr	https://www.youtube.com/watch?v=cfPFvQw-95Y&feature=
V	Mrs Mallika Jain	Industrial Electronics	1,2 ,3 & 5	Basics of Thyristors	https://www.youtube.com/watch?v=oe-6rrjhKJM&feature=
				Silicon Controlled Rectifier	https://www.youtube.com/watch?v=65tIzhD1QcQ&feature=
V	Dr Anamika Jain	Antenna & Wave Propagation	1,2,3,4,5 & 6	Antenna and Microwave Engineering video Lecture 1_1	https://www.youtube.com/watch?v=OuBS90al_mE&feature=

V	Mr Sudhir Kumar Dubey	Data Communication & network	All Practical	1. Practical Demonstration: Serial Communication using Data Communication Trainer Board	https://www.youtube.com/watch?v=TCrD8e55cB8
				2. MODEM - (To verify working of MODEM)	https://www.youtube.com/watch?v=FFz5ufC-5bw
				3. Verification of Half Duplex	https://www.youtube.com/watch?v=023luxcsLY0
V	Mr Lokesh Sadrani	Antenna & Wave Propagation	All Practical	1. Measurement Of Characteristic Impedance of a Transmission Line	https://www.youtube.com/watch?v=xrNrobdR5gQ
				2. Measurement of Attenuation in a Transmission Line	https://www.youtube.com/watch?v=DxB_lhHD29o
V	Mr Tariq Ali	Industrial Electronics	All Practical	Demonstration: SCR Commutation Techniques	https://www.youtube.com/watch?v=1hm1_5Qmij4
				RC Trigger Full Phase	https://www.youtube.com/watch?v=WQWG52nGHmY
I	Mrs Rachana Singh	Physics		1. Measurements of various dimensions using Screw Gauge	https://www.youtube.com/watch?v=BkW0qGdQd8g