

Department-wise List of e-Lectures uploaded on RTU e-Content YouTube Channel till 16-04-2020

I Year			
	Faculty Name	Topic covered in video	Subject
1	Dr. Poonam Ojha	Liquid Fuel	Engg. Chemistry
2	Dr. Swati Joshi	Solid Fuel	Engg. Chemistry
3	Dr. Rishi Vyas	Temporal and Spatial Coherence	Engg. Physics
4	Dr. Sangeeta Gupta	Boundary value Problems	Engg. Mathematics-II
5	Mr. Rajeev Kumar	Maxwell equations Part 1	Engg. Physics
6	Mr. Rajeev Kumar	Maxwell equations Part 2	Engg. Physics
7	Mr. Rajiv Kumar	Poynting Theorem	Engg. Physics
8	Dr. Nidhi Sharma	Understanding the Basic Content & Process of Value Education	Human Values
9	Dr. Manasvi Dixit	Basic Concepts of Laser	Engg. Physics
10	Mr. Pawan Kumar Jain	Coherence and Visibility	Engg. Physics
11	Dr. Anurag Sharma	Combustion Numerical	Engg. Chemistry
12	Mr. Rajiv Kumar	Gradient Divergence and Curl	Engg. Physics
13	Mr. Vivek Sharma	DC machine	Basic Electrical Engg
14	Dr. Komal Sharma	Numerical Aperture & Acceptance Angle of Optical fiber 2	Engg. Physics
15	Dr. Komal Sharma	Optical Fiber Lecture 1	Engg. Physics
16	Dr. Archana Saxena	Organics Fuels	Engg. Chemistry
17	Mr. Ajay Kr. Sharma	Semiconductor LASER (Construction & Working)	Engg. Physics

Computer Science & Engg.			
	Faculty Name	Topic covered in video	Subject
1	Dr. Mukesh Gupta	Context Free Grammar and Its Normal Forms	TOC
2	Ms. Shanu Tripathi	8085 Instruction set DATA Transfer Instruction	Microprocessor & Interfaces
3	Dr. Pankaj Dadheech	Introduction of Distributed System	Distributed System
4	Mr. Kanak Giri	Huffman Coding	Digital Image Processing
5	Ms. Palika Jajoo	structure(C)	Programming for Problem Solving
6	Ms. Nidhi Srivastav	Intro. to Artificial Neural Network	Artificial Intelligence
7	Ms. Anjali Pandey	Transactions	Database Management System
8	Ms. Deepa Modi	Mobile IP	Mobile Computing

Electrical Engineering			
	Faculty Name	Topic covered in video	Subject
1	Arun Nayak	3 Phase Induction Motor	EMC-II
2	Mr. Ankush Tankon	Introduction of Power System Planning	Power System Planning
3	Dr. Akash Saxena	Protection of Induction Motor	Protection of Power System
4	Mr. Gaurav Kansal	Differential Protection Scheme	Power System Protection
5	Mr. Yusuf Sharif	Speed control of Induction Motor Drive	Electric Drives and Their Control
6	Mr. Ankit Vijayvargiya	Maxwell's Bridges for Measurement of Self Induction	Electrical & Electronics Measurement
7	Mr. Arun Nayak	Circle Diagram of 3-Phase Induction Motor	Electrical Machine-II
8	Mr. Abhishek Gupta	Characteristics of SCR	Basic Electrical Engg.
9	Mr. Baibhav Bishal	Power System Security	Power System-II
10	Mr. Tarun Kr. Chippa	Thevenin's Theorem	Basic Electrical Engg.

Mechanical Engineering			
	Faculty Name	Topic covered in video	Subject
1	Dr. Ashish Nayyar	Flat Plate collector	Power Generation
2	Mr. Dinesh Sharma	Electrolux Vapor Absorption System	Refrigeration and Air Conditioning

3	Mr. Suresh Choudhary	IC Engine Part 1	Basic Mechanical Engineering
4	Mr. Suresh Choudhary	IC Engine Part 2	Basic Mechanical Engineering
5	Mr. Chandan Kumar	Hydroelectric Power Plant(HEPP)	Power Generation
6	Dr. Manoj Kr Sain	Reliability Theory	Quality Management
7	Mr. Ajay Kr. Dhanopia	Design of Piston for Internal Combustion Engine	Design of Machine Elements- II
8	Mr. Achin Srivastav	Part Families_PFA	Computer Integrated Manufacturing Systems
9	Mr. Brij Mohan Sharma	Types of fluid flow	Fluid Mechanics and Fluid Machines
10	Dr. Deepak Kumar	Taguchi method	Quality Management
11	Mr. Nitin Goyal	Dimensionless numbers & Its Significance	Fluid Mechanics and Fluid Machines
12	Mr. Praveen Saraswat	Lean & Agile Manufacturing System	Computer Integrated Manufacturing Systems
13	Mr. Prem Singh	Design of Cylinder for internal Combustion(IC) engine	Design of Machine Elements- II

Civil Engineering

	Faculty Name	Topic covered in video	Subject
1	Mr. Nishant Sachdeva	Rotary Intersection Design	TEM
2	Ms. Priyanka Gupta	Embankment Dam	WRE
3	Mr. Ankur Mishra	Shear centre & Its Location	Structural Analysis -II
4	Mr. Sita ram Saini	Cantilever Method	Structural Analysis -II

Electronics & Communication Engg.

	Faculty Name	Topic covered in video	Subject
1	Mr. Harshal Nigam	Back & Boost Converters	Power Electronics
2	Mr. Lalit Lata	Temperature Transducer	Electronics Measurement & Instrumentation
3	Ms. Priyanka Sharma	Operating System In Embedded Context	Microcontroller and Embedded Systems
4	Dr. Swati Arora	Intro MEMS and Nanotechnology	MEMS and Nanotechnology
5	Mr. Abhinandan Jain	Addressing Mode & Instruction Set of 8051 Microcontroller	Microcontroller
6	Ms. Manju Choudhary	Network Layer Addressing	Computer Network
7	Dr. Swati Arora	PRESSURE SENSOR	MEMS & Nanotechnology
8	Dr. Swati Arora	Silicon as Substrate	MEMS & Nanotechnology
9	Mr. Ankit Agarwal	Attenuation in Optical Fiber Communication	Fiber Optics Communication

Information Technology

	Faculty Name	Topic covered in video	Subject
1	Ms. Dolly Mittal	Perceptron & Learning	Machine Learning
2	Dr. Sunita Gupta	Push Down Automata	TOC
3	Mr. Mehul Mehrishi	Transaction Management in DBMS	DBMS
4	Prof. Anil Choudhary	JAVA	JAVA
5	Mr. Vipin Jain	RSA Algorithm	Information Security System

MBA

	Faculty Name	Topic covered in video	Subject
1	Ms. Priyanka Payal	Cost of Capital	
2	Dr. Ona Ladiwal	Succession Planning	
3	Dr. Ravish Pandey	Budget & Budgetary Control an Introduction	