Swami Keshvanand Institute of Technology,
Management & Gramothan

Approved by AICTE, Ministry of HRD, Government of India
Recognized by UGC under Section 2(f) of the UGC Act, 1956
Affiliated to Rajasthan Technical University, Kota

ICT e-SLATE Studio

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Swami Keshvanand Institute of Technology, Management and Gramothan, Jaipur

Digital Studio "electronic Smart Learning And Teaching Environment" (e-SLATE)

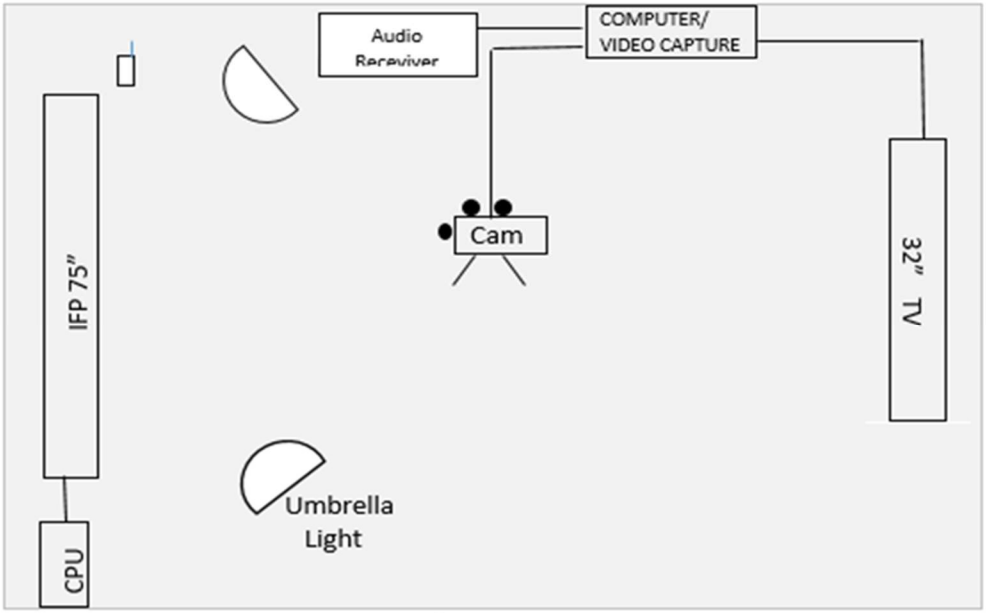
To prepare against challenges especially, in teaching point of view of recent orientation of entire education system towards digital means, it has become an essential need to prepare, Evolve and implement a suitable e-learning system in the Swami Keshvanand Institute of Technology, Management & Gramothan. Regarding this, we developed standard e-content (lecture recordings) for courses taught in different semesters of various engineering streams. This e-learning content which is created through three Digital Studios. These digital studios have been named as ICT e-SLATE 1, ICT e-SLATE 2, and ICT e-SLATE 3. In these digital studios platform we have recorded lectures of all subject of previous semester is about 2000 plus lectures and several online conferences/webinars/FDPs etc. held in studios.

Studio	ICT e-SLATE 1	ICT e-SLATE 2	ICT e-SLATE 3
Room Size	375 sq ft	275.5 sp ft	375.5 sq ft

Technical Specification

Description of the system:-

The system is intended to record classroom lectures using audio-video sources and for live lectures. These lectures have been recorded on suitable tapeless or file-based media. Camera is placed in front of "Newline Interactive Flat Panel (IFP)" of 75 inches which is mounted on a wall and connected to the CPU (i3/6thgeneration/500gb HDD/ DVD/ 4gb DDR3 Ram) one CPU is placed in each studio for IFP. This IFP work as monitor for desktop PC for presentation purpose as well as used as touch screen type digital data tablet. This Interactive flat panel is fully window-based educational setup as well as Android based with a superior touch.



General System Diagram

IFP Specification:-

Panel	75"
Display Area (mm)	1650.24(H)*928.26(V)
Aspect Ratio	16:09
Native Resolution	3840*2160 (4K)
Response Time	8ms
Refresh Rate	60 Hz
Voltage	AC 100-240V,50/6oHz
HDMI	480i,480p,720p,1080i,1080p
HDMI 1.4 & 2.0	x3 (2.0*2 in rear side. 1.4*1 in front)
MIC(Microphone)	x1
Operating System	None- Andriod build in ; OPS build in
OPS	Intel Standard OPS Slot support 4K@60HZ
Speakers	15Wx2
Chipset	3458
RJ45	Yes
USB	Type A - x2(3.0),x1(2.0) Type B - x2,for touch
OS Support	Windows, Mac
Front Connectors	2xUSB 3.0 For OPS,1xHDMI,1xTouch,1xMIC

Camera is placed in front of IFP is the main source of video capture. One camera is placed in each Studio which is connected through the video capture card installed in each computer systems and also separate computer system is placed in each studio for recordings (i7/9th generation/ 1 TB HDD/ 8 Gb DDR4 RAM). This video capture takes input from camcorder as video source and also takes audio input from audio receiver through AUX cable. The teacher is provided with a clip type wireless lavalier microphone. This lavalier microphone gives output to the audio receiver as input and this receiver gives output to the video capture card.

All these audio-video sources are to be routed to video capture card installed in computer. After that open broadcaster software (which we use for recording) called OBS installed on this computer which made all this audio-video as input source and record both of these in a single video format.

For that, we made setting in OBS. First, we add '+' source as video capture Device in software. Second, we add '+' source as audio input capture which filter noise in audio.

The combined output of selected audio and video have the provision to insert logo or any text information before they are recorded on media.

This video capture gives display output to the Television mounted on opposite wall of IFP which shows output of camera in lecture recording and live interaction in live class.

Camera Specification:-

Image Sensing Device	
CMOS Sensor	Total Pixel – 1/7.22cm, 3.09 megapixel Effective pixels - 2.91megapixel (2 136 x 1 362)
Focus	Auto/Manual
White Balance	Auto/Manual
Lens	
Magnification	Optical 20x Aperture - Round iris (consisting of 8 blades) Image stabilizer - Optical system (with dynamic mode)
Infrared camera support	YES
Panel	7.5cm, 460 000dots

	Electrostatic capacitive touch panel
Recording formats	AVCHD recording, MP4 recording (Dual recording, MP4 conversion, Slow & Fast motion recording)
Recording media	SD cards only (2 slots)
Terminals	XLR - YES (Provided on the handle unit) Others - HDMI-OUT / AV OUT / MIC / REMOTE / USB / Headphone
Handle unit	YES (XLR / IR light / mic holder / shoe / zoom lever / tally lamp / record trigger)
Battery pack / Compact power adapter	BP-820 / BP-828 CA-570

ऑनलाइन प्लेटफॉर्म पर आई एजुकेशन

रिकॉर्डेड लेक्चर के रूप में सामने आएगा पूरा सिलेबस

जयपुर ◆ जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी (एसकेआइटी) ओपन सोर्स प्लेटफॉर्म पर पूरे सिलेबस के रिकॉर्डेड लेक्चर उपलब्ध करवाएगी। स्टूडेंट्स के वेलफेयर में की गई इस पहल की कवायद मंगलवार से अत्याधुनिक तकनीको से लबरेज साउंड प्रूफ स्टूडियों ई-स्लेट के उद्घाटन के साथ शुरू की गई। इन स्टूडियों में कॉलेज की फैकल्टीज हर रोज करीब 30 से अधिक लेक्चर रिकॉर्ड करेंगी।

टेक्निकल एजुकेशन सैक्रेट्री शुचि शर्मा ने फीता काटकर इन तीनों स्टूडियो का लोकार्पण किया। निदेशक जयपाल मील ने स्टूडियों के बारे में बताया।

टेक्निकल एजुकेशन के लेक्चर अब ओपन प्लेटफॉर्म पर

जयपुर | कोविड-19 के दौर में देशभर के इंजीनियरिंग एवं एमबीए स्टूडेंट्स के लिए जगतपुरा स्थित स्वामी केशवानंद इंस्टीट्यूट ऑफ टेक्नोलॉजी (एसकेआईटी) ओपन सोर्स प्लेटफॉर्म पर पूरे सिलेबस के रिकॉर्डेड लेक्चर उपलब्ध करवाएगी। टेक्निकल एजुकेशन सैक्रेट्र शुचि शर्मा ने फीता काटकर इन तीनों स्टूडियों का लोकार्पण किया। कॉलेज के निदेशक जयपाल मील ने सैक्रेट्री को स्टूडियों की बारीकी से अवगत करवाया।

टेक्निकल एजुकेशन के रिकॉर्डेड लेक्चर अब ओपन प्लेटफॉर्म पर

जयपुर। कोविड के दौर में देशभर के इंजीनियरिंग एवं एमबीए स्टूडेंट्स के लिए जगतपुरा स्थित स्वामी एसकेआईटी ओपन सोर्स प्लेटफॉर्म पर पूरे सिलेबस के रिकॉर्डेड लेक्चर उपलब्ध करवाएगी। स्टूडेंट्स के वेलफेयर में की गई इस पहल की कवायद मंगलवार से अत्याधुनिक तकनीकों से लबरेज साउंड प्रुफ स्टूडियों ई-स्लेट के उद्घाटन के साथ शुरू की गई। इन स्टूडियों में कॉलेज की फैकल्टीज हर रोज करीब 30 से अधिक लेक्चर रिकॉर्ड करेंगी। ये ओपन सोर्स प्लेटफॉर्म पर ना सिर्फ कॉलेज के स्टूडेंट्स के लिए बल्कि देष के किसी भी स्टूडेंट के लिए उपलब्ध होंगे। समारोह में सोशल डिस्टेंसिंग की पालना करते हुए प्रदेश की टेक्निकल एजुकेशन सैक्रेट्र शुचि शर्मा ने फीता काटकर इन तीनों स्टूडियों का लोकार्पण किया। कॉलेज के निदेशक जयपाल मील ने सैक्रेट्री को स्टूडियों की बारीकी से अवगत करवाया तथा इसके तकनीकी पेरामीटर बताए। कार्यक्रम के दौरान कॉलेज प्रिंसीपल रमेश कुमार पचार तथा डायरेक्ट एकेडमिक्स डॉ. एसएल सुराणा भी उपस्थित थे।

दैनिक भास्कर

टेक्निकल एजुकेशन के लेक्चर अब ओपन प्लेटफॉर्म पर

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Daini K Bhaskar
30-7-20

ऑनलाइन प्लेटफॉर्म पर आई एजुकेशन

रिकॉर्डेड लेक्चर के रूप में सामने आएगा पूरा सिलेबस

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Rajasthan patrike
29-7-20

टेक्निकल एजुकेशन के रिकॉर्डेड लेक्चर अब ओपन प्लेटफॉर्म पर

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Samachar Jagat
29-7-20

Swami Keshvanand Institute of Technology,
Management and Gramothan, Jaipur
ICT - eSLATE
(Smart Learning and Teaching Environment)
inaugurated by
Smt. Shuchi Sharma
IAS, Secretary,
Higher and Technical Education,
Government of Rajasthan
Jaipal Meel
Tuesday, July 28th, 2020
SKIT
असतो मा सद्गमय

ICT-eSLATE
Smart Learning and Teaching Environment
①

ICT-eSLATE
Smart Learning and Teaching Environment
②

ICT-eSLATE
Smart Learning and Teaching Environment
③

Gyandaan e-Lecture Series

Dashboard / Gyandaan e-Lecture Series

5IT4-05 - Analysis of Algorithms

1 - 5IT4-05 - Analysis of Algorithms - Nidhi Srivastav - Analysis of Algorithms ...

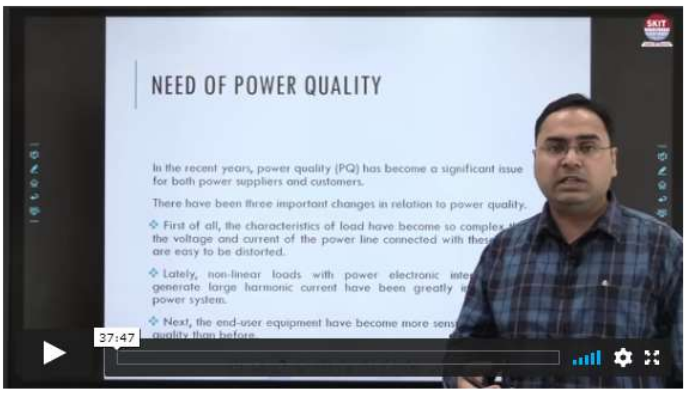
Activate Windows

Gyandaan e-Lecture Series

Dashboard / Gyandaan e-Lecture Series

7EE5-12 - Power Quality and Facts

13 - 7EE5-12 - Power Quality and Facts - Gaurav Kansal - Power Quality Pro...



Gyandaan e-Lecture Series

Dashboard / Gyandaan e-Lecture Series

3ME4-05 - Engineering Thermodynamics

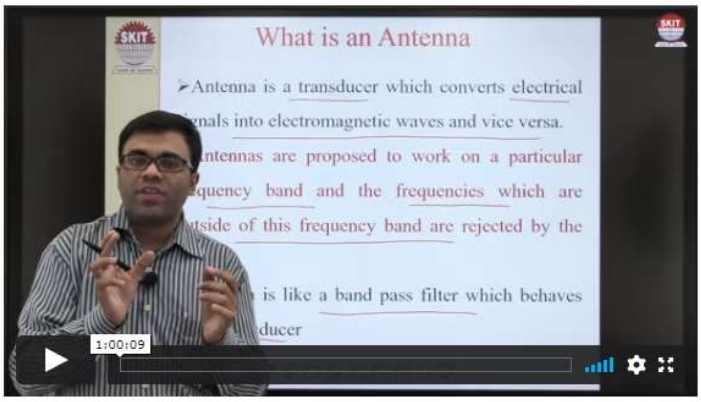
6 - 3ME4-05 - Engineering Thermodynamics - Naveen Kumar Sain - Enginee...

Gyandaan e-Lecture Series

Dashboard / Gyandaan e-Lecture Series

5EC4-02 - Electromagnetics Waves

32 - 5EC4-02 - Electromagnetics Waves - Harshal Nigam - Solution for poten...



Swami Keshvanand Institute of Technology, Management & Gramothan

e-Content Video Lecture Lists

S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	Introduction,Hardness of Water,Types of Hardness,Degree and calculation of Hardness	https://erp.skit.ac.in/vlectures/gyandan/636/1847/
2	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	EDTA Method (Complexometric Method)	https://erp.skit.ac.in/vlectures/gyandan/636/1848/
3	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	Municipal Water Treatment	https://erp.skit.ac.in/vlectures/gyandan/636/1849/
4	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	Boiler Trouble (Boiler Corrosion,Caustic Embritlement,Scale and Sludge Formation & Priming-Foaming)	https://erp.skit.ac.in/vlectures/gyandan/636/1850/
5	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	Lime -Soda Method (Cold & Hot L-S Method,Process and Calculation)	https://erp.skit.ac.in/vlectures/gyandan/636/1851/
6	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	Zeolite and Ion Exchange Method	https://erp.skit.ac.in/vlectures/gyandan/636/1852/
7	Poonam Ojha	Chemistry	1FY2-03	Engineering Chemistry	Internal Treatment Method (Conditioning of Water),Break Point Chlorination	https://erp.skit.ac.in/vlectures/gyandan/636/1853/
8	Anurag Sharma	Chemistry	1FY2-03	Engineering Chemistry	Corrosion Part-I	https://erp.skit.ac.in/vlectures/gyandan/636/1854/
9	Anurag Sharma	Chemistry	1FY2-03	Engineering Chemistry	Corrosion Part-II	https://erp.skit.ac.in/vlectures/gyandan/636/1855/
10	Swati Joshi	Chemistry	1FY2-03	Engineering Chemistry	Introduction of cement,composition of cement,Dry and Wet Process	https://erp.skit.ac.in/vlectures/gyandan/636/1856/
11	Swati Joshi	Chemistry	1FY2-03	Engineering Chemistry	Rotary Kiln Method,Setting & Hardening of cement	https://erp.skit.ac.in/vlectures/gyandan/636/1857/
12	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Requisities of Fuel,Classification and Ranking of Coal	https://erp.skit.ac.in/vlectures/gyandan/636/1858/
13	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Higher & Lower Calorific Value,Determination of CV By Dulong Formula & Bomb Calorimeter	https://erp.skit.ac.in/vlectures/gyandan/636/1859/

Swami Keshvanand Institute of Technology, Management & Gramothan

e-Content Video Lecture Lists

S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
14	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Analysis of Coal,Proximate Analysis	https://erp.skit.ac.in/vlectures/gyandan/636/1860/
15	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Ultimate Analysis of coal,% of C,H,N,S &O	https://erp.skit.ac.in/vlectures/gyandan/636/1861/
16	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Carbonization of Coal-Otto Hoffmann Method	https://erp.skit.ac.in/vlectures/gyandan/636/1862/
17	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Liquid Fuel,Refining and Fractional Distillation of Petroleum	https://erp.skit.ac.in/vlectures/gyandan/636/1863/
18	Sharda Soni	Chemistry	1FY2-03	Engineering Chemistry	Cracking , Fixed Bed and Moving Bed Catalytic Cracking	https://erp.skit.ac.in/vlectures/gyandan/636/1864/
19	Archana Saxena	Chemistry	1FY2-03	Engineering Chemistry	Gaseous Fuel, Manufacturing of Coal Gas	https://erp.skit.ac.in/vlectures/gyandan/636/1865/
20	Pankaj Gupta	Civil Engg.	1FY3-09	Basic Civil Engineering	Introductory to basic civil engineering	https://erp.skit.ac.in/vlectures/gyandan/639/1885/
21	Pankaj Gupta	Civil Engg.	1FY3-09	Basic Civil Engineering	Scope and Specialization to civil engineeering	https://erp.skit.ac.in/vlectures/gyandan/639/1886/
22	Ankur Mishra	Civil Engg.	1FY3-09	Basic Civil Engineering	Introdctuction to surveying and Object and Principles	https://erp.skit.ac.in/vlectures/gyandan/639/1887/
23	Ankur Mishra	Civil Engg.	1FY3-09	Basic Civil Engineering	linear measurment	https://erp.skit.ac.in/vlectures/gyandan/639/1888/
24	Ankur Mishra	Civil Engg.	1FY3-09	Basic Civil Engineering	measurement of sloping ground and tape correction	https://erp.skit.ac.in/vlectures/gyandan/639/1889/
25	Nikhil Kumar Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Introduction to compass Surveying System of Bearing Measurements	https://erp.skit.ac.in/vlectures/gyandan/639/1890/
26	Nikhil Kumar Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Compass Surveying - Fore Bearing and Back Bearing	https://erp.skit.ac.in/vlectures/gyandan/639/1891/
27	Nikhil Kumar Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Local Attraction and Latitude & Departure	https://erp.skit.ac.in/vlectures/gyandan/639/1892/
28	Nikhil Kumar Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Levelling and methods of levelling	https://erp.skit.ac.in/vlectures/gyandan/639/1893/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
29	Nikhil Kumar Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Contouring	https://erp.skit.ac.in/vlectures/gyandan/639/1894/
30	Nikhil Kumar Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Total Station	https://erp.skit.ac.in/vlectures/gyandan/639/1895/
31	Jetender Babulal Jangid	Civil Engg.	1FY3-09	Basic Civil Engineering	Introduction Part of Building	https://erp.skit.ac.in/vlectures/gyandan/639/1896/
32	Jetender Babulal Jangid	Civil Engg.	1FY3-09	Basic Civil Engineering	Plinth area ,carpet area and building by laws	https://erp.skit.ac.in/vlectures/gyandan/639/1897/
33	Jetender Babulal Jangid	Civil Engg.	1FY3-09	Basic Civil Engineering	Components of Buildings	https://erp.skit.ac.in/vlectures/gyandan/639/1898/
34	Kishan Lal Jain	Civil Engg.	1FY3-09	Basic Civil Engineering	Introduction to Transportation Engineering and Mode of Transportation	https://erp.skit.ac.in/vlectures/gyandan/639/1899/
35	Kishan Lal Jain	Civil Engg.	1FY3-09	Basic Civil Engineering	Traffic Sign and Causes of Road Accidents & Remdial Measures	https://erp.skit.ac.in/vlectures/gyandan/639/1900/
36	Deepak Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Ecology, Biodiversity and Environmental Acts	https://erp.skit.ac.in/vlectures/gyandan/639/1901/
37	Sita Ram Saini	Civil Engg.	1FY3-09	Basic Civil Engineering	Energy Flow and Eco System	https://erp.skit.ac.in/vlectures/gyandan/639/1902/
38	Sita Ram Saini	Civil Engg.	1FY3-09	Basic Civil Engineering	Introduction and Hydrological Cycle	https://erp.skit.ac.in/vlectures/gyandan/639/1903/
39	Sita Ram Saini	Civil Engg.	1FY3-09	Basic Civil Engineering	Different Types of Cylces	https://erp.skit.ac.in/vlectures/gyandan/639/1904/
40	Saurabh Singh	Civil Engg.	1FY3-09	Basic Civil Engineering	Water Pollution	https://erp.skit.ac.in/vlectures/gyandan/639/1905/
41	Saurabh Singh	Civil Engg.	1FY3-09	Basic Civil Engineering	Waste Water Treatment	https://erp.skit.ac.in/vlectures/gyandan/639/1906/
42	Saurabh Singh	Civil Engg.	1FY3-09	Basic Civil Engineering	Rain water harvesting	https://erp.skit.ac.in/vlectures/gyandan/639/1907/
43	Saurabh Singh	Civil Engg.	1FY3-09	Basic Civil Engineering	Solid waste management	https://erp.skit.ac.in/vlectures/gyandan/639/1908/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
44	Deepak Sharma	Civil Engg.	1FY3-09	Basic Civil Engineering	Air, Noise Pollution and Global Warming	https://erp.skit.ac.in/vlectures/gyandan/639/1909/
45	Akash Johari	Civil Engg.	3CE3-04	Engineering Mechanics	Introduction: Statics of particles and rigid bodies	https://erp.skit.ac.in/vlectures/gyandan/3/1459/
46	Akash Johari	Civil Engg.	3CE3-04	Engineering Mechanics	Statics of particles and rigid bodies	https://erp.skit.ac.in/vlectures/gyandan/3/1460/
47	Akash Johari	Civil Engg.	3CE3-04	Engineering Mechanics	Plane trusses: Types of structures, Method of joints, Method of sections.	https://erp.skit.ac.in/vlectures/gyandan/3/1461/
48	Akash Johari	Civil Engg.	3CE3-04	Engineering Mechanics	Method of joints, truss analysis	https://erp.skit.ac.in/vlectures/gyandan/3/1462/
49	Akash Johari	Civil Engg.	3CE3-04	Engineering Mechanics	Method of sections.	https://erp.skit.ac.in/vlectures/gyandan/3/1463/
50	Shubham Kumar Kumawat	Civil Engg.	3CE3-04	Engineering Mechanics	Centroid and centre of gravity	https://erp.skit.ac.in/vlectures/gyandan/3/1464/
51	Shubham Kumar Kumawat	Civil Engg.	3CE3-04	Engineering Mechanics	Moment of inertia	https://erp.skit.ac.in/vlectures/gyandan/3/1465/
52	Shubham Kumar Kumawat	Civil Engg.	3CE3-04	Engineering Mechanics	Real work and Virtual work	https://erp.skit.ac.in/vlectures/gyandan/3/1466/
53	Manmohan Sharma	Civil Engg.	3CE3-04	Engineering Mechanics	Types of Friction, Different terms related to friction,	https://erp.skit.ac.in/vlectures/gyandan/3/1467/
54	Manmohan Sharma	Civil Engg.	3CE3-04	Engineering Mechanics	Numericals probles on friction	https://erp.skit.ac.in/vlectures/gyandan/3/1468/
55	Manmohan Sharma	Civil Engg.	3CE3-04	Engineering Mechanics	Different types of spring,Different terms related to spring, springs in series and parallel,leaf spring, close coiled helical springs, open coiled springs.	https://erp.skit.ac.in/vlectures/gyandan/3/1469/
56	Manmohan Sharma	Civil Engg.	3CE3-04	Engineering Mechanics	Stress, Strain, Types of stress and strain	https://erp.skit.ac.in/vlectures/gyandan/3/1470/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
57	Manmohan Sharma	Civil Engg.	3CE3-04	Engineering Mechanics	Concept of stress and strain in three dimensions and generalized Hookeâ€™s law, Elastic constants.	https://erp.skit.ac.in/vlectures/gyandan/3/1471/
58	Manmohan Sharma	Civil Engg.	3CE3-04	Engineering Mechanics	Thin cylinder and spherical cell under internal pressure.	https://erp.skit.ac.in/vlectures/gyandan/3/1472/
59	Anirudh Mathur	Civil Engg.	3CE4-05	Surveying	Introduction to Objective, Scope and Outcome of surveying	https://erp.skit.ac.in/vlectures/gyandan/4/1949/
60	Anirudh Mathur	Civil Engg.	3CE4-05	Surveying	Method of Linear Measurements	https://erp.skit.ac.in/vlectures/gyandan/4/1950/
61	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Angular measurement using theodolite	https://erp.skit.ac.in/vlectures/gyandan/4/1951/
62	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Temporary adjustments by theodolite and Method of horizontal angle measurement using theodolite	https://erp.skit.ac.in/vlectures/gyandan/4/1952/
63	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Traverse computation	https://erp.skit.ac.in/vlectures/gyandan/4/1953/
64	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Plotting of traverse and determining the closing error	https://erp.skit.ac.in/vlectures/gyandan/4/1954/
65	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Balancing Traverse	https://erp.skit.ac.in/vlectures/gyandan/4/1955/
66	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Introduction: Levelling and it's different methods	https://erp.skit.ac.in/vlectures/gyandan/4/1956/
67	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Measurement of elevations	https://erp.skit.ac.in/vlectures/gyandan/4/1957/
68	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Instrument used in levelling	https://erp.skit.ac.in/vlectures/gyandan/4/1958/
69	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Errors in levelling	https://erp.skit.ac.in/vlectures/gyandan/4/1959/
70	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Contouring and it's methods	https://erp.skit.ac.in/vlectures/gyandan/4/1960/
71	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Characteristics and uses of contouring	https://erp.skit.ac.in/vlectures/gyandan/4/1961/
72	Nitesh Amberia	Civil Engg.	3CE4-05	Surveying	Area and Volume measurements	https://erp.skit.ac.in/vlectures/gyandan/4/1962/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
73	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Introduction: Curve surveying and different type of curves	https://erp.skit.ac.in/vlectures/gyandan/4/1963/
74	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Elements and Method of setting out circular curve	https://erp.skit.ac.in/vlectures/gyandan/4/1964/
75	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Elements and Method of setting out compound curve	https://erp.skit.ac.in/vlectures/gyandan/4/1965/
76	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Elements and Method of setting out reverse	https://erp.skit.ac.in/vlectures/gyandan/4/1966/
77	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Elements and Method of setting out transition curve	https://erp.skit.ac.in/vlectures/gyandan/4/1967/
78	Vikas Vyas	Civil Engg.	3CE4-05	Surveying	Types of Vertical Curves, Length of vertical curves and Setting out Vertical Curve	https://erp.skit.ac.in/vlectures/gyandan/4/1968/
79	Ankur Mishra	Civil Engg.	3CE4-05	Surveying	Tacheometric Surveying	https://erp.skit.ac.in/vlectures/gyandan/4/1969/
80	Ankur Mishra	Civil Engg.	3CE4-05	Surveying	Stadia and Tangential method of tacheometric photogrametric survey	https://erp.skit.ac.in/vlectures/gyandan/4/1970/
81	Ankur Mishra	Civil Engg.	3CE4-05	Surveying	Photogrametric Surveying (Terrestrial Photogrametric)	https://erp.skit.ac.in/vlectures/gyandan/4/1971/
82	Ankur Mishra	Civil Engg.	3CE4-05	Surveying	Photogrametric Surveying (Arial Photogrametric)	https://erp.skit.ac.in/vlectures/gyandan/4/1972/
83	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Introduction : Objective, Outcome & Pattern of Paper	https://erp.skit.ac.in/vlectures/gyandan/5/1910/
84	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Properties of Fluid Mechanics: Units of measurement, Part-01	https://erp.skit.ac.in/vlectures/gyandan/5/1911/
85	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Properties of Fluid Mechanics: Units of measurement, Part-02	https://erp.skit.ac.in/vlectures/gyandan/5/1912/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
86	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Principles of Fluid Statics: Equation of pressure, pascal law, types of pressure and Pressure measuring devices	https://erp.skit.ac.in/vlectures/gyandan/5/1913/
87	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Principles of Fluid Static: Numericals on Pressure Measuring devices	https://erp.skit.ac.in/vlectures/gyandan/5/1914/
88	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Principles of Fluid Statics: Surface Tension and Capillarity	https://erp.skit.ac.in/vlectures/gyandan/5/1915/
89	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Buoyancy: Force acting on Immersed plane surface, Centre of Pressure	https://erp.skit.ac.in/vlectures/gyandan/5/1916/
90	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Buoyancy: Numericals on Force acting on Immersed plane surface, Centre of Pressure	https://erp.skit.ac.in/vlectures/gyandan/5/1917/
91	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Buoyancy: Condition of Equilibrium for floating bodies	https://erp.skit.ac.in/vlectures/gyandan/5/1918/
92	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Buoyancy: Meta-centre and Analytical determination of Meta-centric height	https://erp.skit.ac.in/vlectures/gyandan/5/1919/
93	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Kinematics of Flow : Types of flow, stream line, path line and streak line, continuity equation	https://erp.skit.ac.in/vlectures/gyandan/5/1920/
94	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Kinematics of Flow : Acceleration of fluid, velocity, potential function and stream function, flow net	https://erp.skit.ac.in/vlectures/gyandan/5/1921/
95	Nikhil Kumar Sharma	Civil Engg.	3CE4-06	Fluid Mechanics	Kinematics of Flow : Vorticity, circulation, vortex flow	https://erp.skit.ac.in/vlectures/gyandan/5/1922/
96	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Fluid Dynamics : control volume approach, Euler's and Bernoulli's equation	https://erp.skit.ac.in/vlectures/gyandan/5/1923/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
97	Shubham Kumar Kumawat	Civil Engg.	3CE4-06	Fluid Mechanics	Application of Bernoulli's equation (Venturi meter, orifice meter and pitot tube, time taking emptying by orfices).	https://erp.skit.ac.in/vlectures/gyandan/5/1924/
98	Nitesh Amberia	Civil Engg.	3CE4-06	Fluid Mechanics	Laminar flow through pipes and plates, relation between shear and pressure gradient, Hagen-Poiseuille equation	https://erp.skit.ac.in/vlectures/gyandan/5/1925/
99	Nitesh Amberia	Civil Engg.	3CE4-06	Fluid Mechanics	Darcy Weibach equation, friction factor and major losses	https://erp.skit.ac.in/vlectures/gyandan/5/1926/
100	Nitesh Amberia	Civil Engg.	3CE4-06	Fluid Mechanics	Minor losses and pipe network	https://erp.skit.ac.in/vlectures/gyandan/5/1927/
101	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction: Objective, Scope and Outcome of The Course	https://erp.skit.ac.in/vlectures/gyandan/6/843/
102	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Stone as a Building Material (Classification and Different Test on stone)	https://erp.skit.ac.in/vlectures/gyandan/6/844/
103	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Brick as a Building Material (Classification and Different Test on brick)	https://erp.skit.ac.in/vlectures/gyandan/6/845/
104	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Lime as a Building Material (Classification and Different Test on lime)	https://erp.skit.ac.in/vlectures/gyandan/6/846/
105	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Tiles as a Building Material (Properties and use of tile)	https://erp.skit.ac.in/vlectures/gyandan/6/847/
106	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Fly ash;Properties and Use in manufacturing of bricks & cement	https://erp.skit.ac.in/vlectures/gyandan/6/848/
107	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Timber as a Building Material (Classification and Properties)	https://erp.skit.ac.in/vlectures/gyandan/6/849/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
108	Kishan Lal Jain	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction of Steel and Different Types of Steel	https://erp.skit.ac.in/vlectures/gyandan/6/850/
109	Deepak Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Mortar and Plaster (Function and Use)	https://erp.skit.ac.in/vlectures/gyandan/6/851/
110	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction of Masonry work and Brick Masonry	https://erp.skit.ac.in/vlectures/gyandan/6/852/
111	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Different Types of Bond	https://erp.skit.ac.in/vlectures/gyandan/6/853/
112	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction to Stone Masonry	https://erp.skit.ac.in/vlectures/gyandan/6/854/
113	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Different Types of Stone Masonry	https://erp.skit.ac.in/vlectures/gyandan/6/855/
114	Manmohan Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Different Types of Building and their Requirements	https://erp.skit.ac.in/vlectures/gyandan/6/856/
115	Manmohan Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Construction System of Building	https://erp.skit.ac.in/vlectures/gyandan/6/857/
116	Manmohan Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Load Bearing Strcuture	https://erp.skit.ac.in/vlectures/gyandan/6/858/
117	Manmohan Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Foundation & Site Preparation	https://erp.skit.ac.in/vlectures/gyandan/6/859/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
118	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction to Damp Proffing	https://erp.skit.ac.in/vlectures/gyandan/6/860/
119	Manmohan Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction and Types of Joints	https://erp.skit.ac.in/vlectures/gyandan/6/861/
120	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction and types of Arches.	https://erp.skit.ac.in/vlectures/gyandan/6/862/
121	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction and types of Lintels	https://erp.skit.ac.in/vlectures/gyandan/6/863/
122	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction to Partition Wall	https://erp.skit.ac.in/vlectures/gyandan/6/864/
123	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Purpose and Use of Partition wall	https://erp.skit.ac.in/vlectures/gyandan/6/865/
124	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Introduction to Stair	https://erp.skit.ac.in/vlectures/gyandan/6/866/
125	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Different Types of Stair	https://erp.skit.ac.in/vlectures/gyandan/6/867/
126	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Staires Types Continue	https://erp.skit.ac.in/vlectures/gyandan/6/868/
127	Amit Kumar	Civil Engg.	3CE4-07	Building Materials and Construction	Termite profile in building	https://erp.skit.ac.in/vlectures/gyandan/6/869/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
128	Deepak Sharma	Civil Engg.	3CE4-07	Building Materials and Construction	Roof and Roof Covering: Purposes, Classification of roofs	https://erp.skit.ac.in/vlectures/gyandan/6/870/
129	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	An Introduction to Engineering Geology.	https://erp.skit.ac.in/vlectures/gyandan/7/1928/
130	Akash Johari	Civil Engg.	3CE4-08	Engineering Geology	Introduction to objective, scope and outcome of the course, General Geology: Branches and Scope of Geology.	https://erp.skit.ac.in/vlectures/gyandan/7/1929/
131	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Types of Weathering, Geological work of natural agencies like River & Wind. Geological Time Scale.	https://erp.skit.ac.in/vlectures/gyandan/7/1930/
132	Akash Johari	Civil Engg.	3CE4-08	Engineering Geology	Physical Properties of Minerals.	https://erp.skit.ac.in/vlectures/gyandan/7/1931/
133	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Engineering Properties of Rocks for Building.	https://erp.skit.ac.in/vlectures/gyandan/7/1932/
134	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Engineering Properties of Rocks for Road Material.	https://erp.skit.ac.in/vlectures/gyandan/7/1933/
135	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Laboratory and Field & in-situ Test for Site Construction.	https://erp.skit.ac.in/vlectures/gyandan/7/1934/
136	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Structural Geology: Causes, Terminology, Classification, Recognition, Effects	https://erp.skit.ac.in/vlectures/gyandan/7/1935/
137	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Engineering consideration of Fold, Fault, Joints and Unconformities.	https://erp.skit.ac.in/vlectures/gyandan/7/1936/
138	Manmohan Sharma	Civil Engg.	3CE4-08	Engineering Geology	Engineering Geology: Geophysical methods as applied to Civil Engineering for Subsurface Analysis (Electrical and Seismic methods).	https://erp.skit.ac.in/vlectures/gyandan/7/1937/
139	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Terminology, Types and Geological consideration for site selection of Dam.	https://erp.skit.ac.in/vlectures/gyandan/7/1938/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
140	Akash Johari	Civil Engg.	3CE4-08	Engineering Geology	Terminology, Types and Geological consideration for site selection of Tunnel.	https://erp.skit.ac.in/vlectures/gyandan/7/1939/
141	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	Remote Sensing : Application of Remote Sensing in Various fields of Civil Engineering.	https://erp.skit.ac.in/vlectures/gyandan/7/1940/
142	Pankaj Gupta	Civil Engg.	3CE4-08	Engineering Geology	GIS: Application of GIS in Various fields of Civil Engineering.	https://erp.skit.ac.in/vlectures/gyandan/7/1941/
143	Lalit Kumar Gupta	Civil Engg.	5CE3-01	Construction Technology & Equipments	Introduction : Objective, Outcome & Pattern of Paper	https://erp.skit.ac.in/vlectures/gyandan/25/1295/
144	Lalit Kumar Gupta	Civil Engg.	5CE3-01	Construction Technology & Equipments	Engineering Economy (Part-1): Principles of Engineering Economy, Procedure of Engineering Economy and Depreciation	https://erp.skit.ac.in/vlectures/gyandan/25/1296/
145	Lalit Kumar Gupta	Civil Engg.	5CE3-01	Construction Technology & Equipments	Engineering Economy (Part-2): Construction Economy, Break Even Analysis, Cash Flow Forecasting	https://erp.skit.ac.in/vlectures/gyandan/25/1297/
146	Vikas Vyas	Civil Engg.	5CE3-01	Construction Technology & Equipments	04 - 5CE3-01 - CONSTRUCTION TECHNOLOGY & EQUIPMENTS Mr. Vikas Vyas - Constructional Planning and Material Management (Part 1): Objectives, Principle, Need and Stages of Construction Planning	https://erp.skit.ac.in/vlectures/gyandan/25/1298/
147	Vikas Vyas	Civil Engg.	5CE3-01	Construction Technology & Equipments	Constructional Planning and Material Management (Part 2): Job Layout, Inspecion and Quality Control	https://erp.skit.ac.in/vlectures/gyandan/25/1299/
148	Vikas Vyas	Civil Engg.	5CE3-01	Construction Technology & Equipments	Constructional Planning and Material Management (Part 3): Component, Objectives and Functions of Material Management	https://erp.skit.ac.in/vlectures/gyandan/25/1300/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
149	Lalit Kumar Gupta	Civil Engg.	5CE3-01	Construction Technology & Equipments	Safety in Construction : Elements and Impotance of Safety, Causes and Cost of Accidents, Protective Equipments and Accidental Report	https://erp.skit.ac.in/vlectures/gyandan/25/1301/
150	Lalit Kumar Gupta	Civil Engg.	5CE3-01	Construction Technology & Equipments	Safety in Construction "Storage and Handling of Materials and Demolition of Building"	https://erp.skit.ac.in/vlectures/gyandan/25/1302/
151	Lalit Kumar Gupta	Civil Engg.	5CE3-01	Construction Technology & Equipments	Safety in Construction "Fire & Life Safety"	https://erp.skit.ac.in/vlectures/gyandan/25/1303/
152	Amit Kumar	Civil Engg.	5CE3-01	Construction Technology & Equipments	Construction Equipment and Management (Part 1): Introduction, Criteria of Selection of Equipment and Type of Euipment	https://erp.skit.ac.in/vlectures/gyandan/25/1304/
153	Amit Kumar	Civil Engg.	5CE3-01	Construction Technology & Equipments	Construction Equipment and Management (Part 2): Earth Moving Equipment	https://erp.skit.ac.in/vlectures/gyandan/25/1305/
154	Amit Kumar	Civil Engg.	5CE3-01	Construction Technology & Equipments	Construction Equipment and Management (Part 3): Hauling And Hoisting Equipment	https://erp.skit.ac.in/vlectures/gyandan/25/1306/
155	Amit Kumar	Civil Engg.	5CE3-01	Construction Technology & Equipments	Construction Equipment and Management (Part 4): Pile Driving Equipment	https://erp.skit.ac.in/vlectures/gyandan/25/1307/
156	Amit Kumar	Civil Engg.	5CE3-01	Construction Technology & Equipments	Construction Equipment and Management (Part 5): Tunnelling Equipment	https://erp.skit.ac.in/vlectures/gyandan/25/1308/
157	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Introduction: Objective, scope and outcome of the course	https://erp.skit.ac.in/vlectures/gyandan/26/617/
158	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Introduction of Determinant and Indeterminate Structure	https://erp.skit.ac.in/vlectures/gyandan/26/618/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
159	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Numerical of Indeterminate Structures with Maxwellâ€™s reciprocal theorem and Bettiâ€™s theorem	https://erp.skit.ac.in/vlectures/gyandan/26/619/
160	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Analysis of Prop cantilever structures with numerical	https://erp.skit.ac.in/vlectures/gyandan/26/620/
161	Ankur Mishra	Civil Engg.	5CE4-02	Structural Analysis-I	Analysis of Fixed beam with numerical	https://erp.skit.ac.in/vlectures/gyandan/26/621/
162	Ankur Mishra	Civil Engg.	5CE4-02	Structural Analysis-I	Analysis of Continuous beam (three moment theorem) part 1	https://erp.skit.ac.in/vlectures/gyandan/26/622/
163	Ankur Mishra	Civil Engg.	5CE4-02	Structural Analysis-I	Analysis of Continuous beam (three moment theorem) part 2	https://erp.skit.ac.in/vlectures/gyandan/26/623/
164	Ankur Mishra	Civil Engg.	5CE4-02	Structural Analysis-I	Slope deflection Method part 1	https://erp.skit.ac.in/vlectures/gyandan/26/624/
165	Ankur Mishra	Civil Engg.	5CE4-02	Structural Analysis-I	Slope deflection Method part 2	https://erp.skit.ac.in/vlectures/gyandan/26/625/
166	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Moment Distribution Method	https://erp.skit.ac.in/vlectures/gyandan/26/626/
167	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Moment Distribution Method- Numerical	https://erp.skit.ac.in/vlectures/gyandan/26/627/
168	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Moment Distribution Method- Numerical (For Inclined Frame)	https://erp.skit.ac.in/vlectures/gyandan/26/628/
169	Ankur Mishra	Civil Engg.	5CE4-02	Structural Analysis-I	Vibration Theory	https://erp.skit.ac.in/vlectures/gyandan/26/629/
170	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	Simple Harmonic Motion: vector representation and characteristics, Angular oscillation	https://erp.skit.ac.in/vlectures/gyandan/26/630/
171	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	UNDAMPED FREE VIBRATION OF SDOF SYSTEM	https://erp.skit.ac.in/vlectures/gyandan/26/631/
172	Pooja Jain	Civil Engg.	5CE4-02	Structural Analysis-I	DAMPED FREE VIBRATION OF SDOF SYSTEM	https://erp.skit.ac.in/vlectures/gyandan/26/632/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
173	Lalit Kumar Gupta	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of DCS Syllabus of DCS & CSD, Papper Pattern, Books, Supporting Material	https://erp.skit.ac.in/vlectures/gyandan/27/821/
174	Lalit Kumar Gupta	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of RCC Concrete, Reinforcement & their properties	https://erp.skit.ac.in/vlectures/gyandan/27/822/
175	Lalit Kumar Gupta	Civil Engg.	5CE4-03	Design of Concrete Structures	Analysis of beam by WSM Design Methods, Design steps & numerical problems	https://erp.skit.ac.in/vlectures/gyandan/27/823/
176	Lalit Kumar Gupta	Civil Engg.	5CE4-03	Design of Concrete Structures	Design of Beam by WSM Design steps & numerical problems	https://erp.skit.ac.in/vlectures/gyandan/27/824/
177	Lalit Kumar Gupta	Civil Engg.	5CE4-03	Design of Concrete Structures	Analysis and Design of Beam by LSM Comparision of LSM and WSM, Design Methods, Design steps & numerical problems	https://erp.skit.ac.in/vlectures/gyandan/27/825/
178	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of Doubly RC Beam Section. Types of numerical, Types of numerical, Numerical example, Summary of lecture, References.	https://erp.skit.ac.in/vlectures/gyandan/27/826/
179	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Analysis numerical examples of Doubly Section Types of numerical, Types of numerical, Numerical example, Summary of lecture, References.	https://erp.skit.ac.in/vlectures/gyandan/27/827/
180	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Design numerical examples of Doubly Section General Introduction. Circumstances in which doubly RC beam section is required. Basics of doubly RC beam section. Summary of lecture.	https://erp.skit.ac.in/vlectures/gyandan/27/828/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
181	Deepak Sharma	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of T beam Terms related to T beam,different cases of N.A lies in T Beam and MOR	https://erp.skit.ac.in/vlectures/gyandan/27/829/
182	Deepak Sharma	Civil Engg.	5CE4-03	Design of Concrete Structures	Analysis of T beam Terms related to T beam,different cases of N.A lies in T Beam and MOR	https://erp.skit.ac.in/vlectures/gyandan/27/830/
183	Deepak Sharma	Civil Engg.	5CE4-03	Design of Concrete Structures	Design of shear reinforcement by limit state method Numerical problems	https://erp.skit.ac.in/vlectures/gyandan/27/831/
184	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of Slab. Introduction of Slab. Types of Slab. Load Distribution on Slab.	https://erp.skit.ac.in/vlectures/gyandan/27/832/
185	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Design Consideration of Slab.	https://erp.skit.ac.in/vlectures/gyandan/27/833/
186	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Design example on One-way Slab. Design example on One-way Slab.	https://erp.skit.ac.in/vlectures/gyandan/27/834/
187	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of Two-way Slab. General Introduction. Types of two-way slab. Simply supported two-way slab. Restrained slab. Torsional Reinforcement In Restrained Slab. Two-way Slab Panels With Different Boundary Conditions. Summary of todayâ€™s Lecture.	https://erp.skit.ac.in/vlectures/gyandan/27/835/
188	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Design Example of Two-way Slab. Design Example of Two-way Slab (Corners are held down)	https://erp.skit.ac.in/vlectures/gyandan/27/836/
189	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Design Example of Two-way Slab. Design Example of Two-way Slab (Corners are not held down)	https://erp.skit.ac.in/vlectures/gyandan/27/837/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
190	Deepak Sharma	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of Column and Design of Column Terms related to column,design of axially loaded short column	https://erp.skit.ac.in/vlectures/gyandan/27/838/
191	Deepak Sharma	Civil Engg.	5CE4-03	Design of Concrete Structures	Design of Column Numerical problems	https://erp.skit.ac.in/vlectures/gyandan/27/839/
192	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Introduction of Footing. General Introduction. Types of Foundation. Summary of lecture.	https://erp.skit.ac.in/vlectures/gyandan/27/840/
193	Jetender Babulal Jangid	Civil Engg.	5CE4-03	Design of Concrete Structures	Design numerical examples of Footing. Design Example of Footing.	https://erp.skit.ac.in/vlectures/gyandan/27/841/
194	Lalit Kumar Gupta	Civil Engg.	5CE4-03	Design of Concrete Structures	Analysis & Design of Beam for Torsion Torsion, Design steps and numerical problems	https://erp.skit.ac.in/vlectures/gyandan/27/842/
195	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Introduction: Objective, scope and outcome of the course	https://erp.skit.ac.in/vlectures/gyandan/28/716/
196	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Basic terminologies of soil	https://erp.skit.ac.in/vlectures/gyandan/28/717/
197	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Relationship among properties	https://erp.skit.ac.in/vlectures/gyandan/28/718/
198	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Index properties of soil	https://erp.skit.ac.in/vlectures/gyandan/28/719/
199	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Index properties of soil	https://erp.skit.ac.in/vlectures/gyandan/28/720/
200	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Indicies of soil, sensitivity and thixotrophy properties	https://erp.skit.ac.in/vlectures/gyandan/28/721/
201	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Classification of soil.	https://erp.skit.ac.in/vlectures/gyandan/28/722/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
202	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Clay minerals and permeability of soil	https://erp.skit.ac.in/vlectures/gyandan/28/723/
203	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Effective stress	https://erp.skit.ac.in/vlectures/gyandan/28/724/
204	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Concept of shear strength of soil	https://erp.skit.ac.in/vlectures/gyandan/28/725/
205	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Test to calculate shear strength of soil	https://erp.skit.ac.in/vlectures/gyandan/28/726/
206	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Principles and factors affecting compaction	https://erp.skit.ac.in/vlectures/gyandan/28/727/
207	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Relations to calculate stresses due to different type of loading	https://erp.skit.ac.in/vlectures/gyandan/28/728/
208	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Numerical on stresses due surface loading	https://erp.skit.ac.in/vlectures/gyandan/28/729/
209	Nishant Sachdeva	Civil Engg.	5CE4-04	Geotechnical Engineering	Introduction to consolidaion	https://erp.skit.ac.in/vlectures/gyandan/28/730/
210	Nishant Sachdeva	Civil Engg.	5CE4-04	Geotechnical Engineering	consolidation test and void ratio determination	https://erp.skit.ac.in/vlectures/gyandan/28/731/
211	Nishant Sachdeva	Civil Engg.	5CE4-04	Geotechnical Engineering	Terzaghi theory of consolidation	https://erp.skit.ac.in/vlectures/gyandan/28/732/
212	Nishant Sachdeva	Civil Engg.	5CE4-04	Geotechnical Engineering	Preconsolidation stress	https://erp.skit.ac.in/vlectures/gyandan/28/733/
213	Nishant Sachdeva	Civil Engg.	5CE4-04	Geotechnical Engineering	Numerical problems on consolidation	https://erp.skit.ac.in/vlectures/gyandan/28/734/
214	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Stability analysis of Infinite slopes	https://erp.skit.ac.in/vlectures/gyandan/28/735/
215	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Stability analysis of finite slope	https://erp.skit.ac.in/vlectures/gyandan/28/736/
216	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Stability analysis of finite slope -II	https://erp.skit.ac.in/vlectures/gyandan/28/737/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
217	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Introduction and Rankine Theory Of Earth Pressure	https://erp.skit.ac.in/vlectures/gyandan/28/738/
218	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Columbs theory of earth pressure	https://erp.skit.ac.in/vlectures/gyandan/28/739/
219	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Graphical method of earth pressure	https://erp.skit.ac.in/vlectures/gyandan/28/740/
220	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Introduction to foundation	https://erp.skit.ac.in/vlectures/gyandan/28/741/
221	Deepak Kumar Haritwal	Civil Engg.	5CE4-04	Geotechnical Engineering	Basic terminologies of bearing capacity	https://erp.skit.ac.in/vlectures/gyandan/28/742/
222	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Bearing capacity of shallow foundation	https://erp.skit.ac.in/vlectures/gyandan/28/743/
223	Pankaj Gupta	Civil Engg.	5CE4-04	Geotechnical Engineering	Methods of soil investigation	https://erp.skit.ac.in/vlectures/gyandan/28/744/
224	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Introduction: Objective, scope and outcome of the course	https://erp.skit.ac.in/vlectures/gyandan/29/1541/
225	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Definitions, functions and advantages of irrigation, Classification and methods of irrigations(surface)	https://erp.skit.ac.in/vlectures/gyandan/29/1542/
226	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Classification and methods of irrigations(sub-surface), Present status of irrigation in India, Principal Indian crop seasons	https://erp.skit.ac.in/vlectures/gyandan/29/1543/
227	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Soil moisture and Crop water relations, Irrigation water Quality	https://erp.skit.ac.in/vlectures/gyandan/29/1544/
228	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Numericals on Field capacity of soil, Consumptive use of water	https://erp.skit.ac.in/vlectures/gyandan/29/1545/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
229	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Methods of calculating Evapotranspiraton	https://erp.skit.ac.in/vlectures/gyandan/29/1546/
230	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Important terms related to Irrigation	https://erp.skit.ac.in/vlectures/gyandan/29/1547/
231	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Duty & delta of crops	https://erp.skit.ac.in/vlectures/gyandan/29/1548/
232	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Irrigation efficiencies	https://erp.skit.ac.in/vlectures/gyandan/29/1549/
233	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Gate problems related to Irrigation	https://erp.skit.ac.in/vlectures/gyandan/29/1550/
234	Saurabh Singh	Civil Engg.	5CE4-05	Water Resource Engineering	Types of Canal, Design of canal (Kennedy theory)	https://erp.skit.ac.in/vlectures/gyandan/29/1551/
235	Saurabh Singh	Civil Engg.	5CE4-05	Water Resource Engineering	Design of canal (Lacey's Regime theory)	https://erp.skit.ac.in/vlectures/gyandan/29/1552/
236	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Design principals of Hydraulic Structures, Bligh's Theory	https://erp.skit.ac.in/vlectures/gyandan/29/1553/
237	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Bligh's Theory Continue	https://erp.skit.ac.in/vlectures/gyandan/29/1554/
238	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Lane's theory, Potential Flow theory, Khosla's Solution for Horizontal Floor	https://erp.skit.ac.in/vlectures/gyandan/29/1555/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
239	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Khosla's theory Composite floor	https://erp.skit.ac.in/vlectures/gyandan/29/1556/
240	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Khosla's theory Corrections	https://erp.skit.ac.in/vlectures/gyandan/29/1557/
241	Nitesh Amberia	Civil Engg.	5CE4-05	Water Resource Engineering	Problem on Khosla's theory	https://erp.skit.ac.in/vlectures/gyandan/29/1558/
242	Sita Ram Saini	Civil Engg.	5CE4-05	Water Resource Engineering	Suitable sites, Causes of failure, Stability and seepage analysis, Flow net, Principles of design of earth dams	https://erp.skit.ac.in/vlectures/gyandan/29/1559/
243	Sita Ram Saini	Civil Engg.	5CE4-05	Water Resource Engineering	Introduction to Gravity Dam, Forces acting on a Gravity dam	https://erp.skit.ac.in/vlectures/gyandan/29/1560/
244	Sita Ram Saini	Civil Engg.	5CE4-05	Water Resource Engineering	Stability Analysis of Gravity Dam	https://erp.skit.ac.in/vlectures/gyandan/29/1561/
245	Sita Ram Saini	Civil Engg.	5CE4-05	Water Resource Engineering	Problem on Gravity dam	https://erp.skit.ac.in/vlectures/gyandan/29/1562/
246	Sita Ram Saini	Civil Engg.	5CE4-05	Water Resource Engineering	Introduction to Cross-drainage works Necessity of Cross drainage structures, there types and selection, Comparative merits and demerits	https://erp.skit.ac.in/vlectures/gyandan/29/1563/
247	Saurabh Singh	Civil Engg.	5CE4-05	Water Resource Engineering	Introduction of Hydrology, Hydrological cycle, Types of Precipitation & Rainfall	https://erp.skit.ac.in/vlectures/gyandan/29/1564/
248	Saurabh Singh	Civil Engg.	5CE4-05	Water Resource Engineering	Measurement of rainfall, Estimation of Missing rainfall data	https://erp.skit.ac.in/vlectures/gyandan/29/1565/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
249	Saurabh Singh	Civil Engg.	5CE4-05	Water Resource Engineering	Hytograph, Infiltration-Indexes, Runoff	https://erp.skit.ac.in/vlectures/gyandan/29/1566/
250	Saurabh Singh	Civil Engg.	5CE4-05	Water Resource Engineering	Unit Hydrograph & Numerical problems on Unit Hydrograph	https://erp.skit.ac.in/vlectures/gyandan/29/1567/
251	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Introduction: Objective, scope and outcome of the course	https://erp.skit.ac.in/vlectures/gyandan/30/871/
252	Deepak Kumar Haritwal	Civil Engg.	5CE5-15	Ground Improvement Techniques	Basic terminologies of soil and formation of soil	https://erp.skit.ac.in/vlectures/gyandan/30/872/
253	Deepak Kumar Haritwal	Civil Engg.	5CE5-15	Ground Improvement Techniques	Compaction and Deep Compaction	https://erp.skit.ac.in/vlectures/gyandan/30/873/
254	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Stone column part-1	https://erp.skit.ac.in/vlectures/gyandan/30/874/
255	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Stone column part-2	https://erp.skit.ac.in/vlectures/gyandan/30/875/
256	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Grouting part-1	https://erp.skit.ac.in/vlectures/gyandan/30/876/
257	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Grouting part-2	https://erp.skit.ac.in/vlectures/gyandan/30/877/
258	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Soil Reinforcement	https://erp.skit.ac.in/vlectures/gyandan/30/878/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
259	Pankaj Gupta	Civil Engg.	5CE5-15	Ground Improvement Techniques	Soil Stabalization	https://erp.skit.ac.in/vlectures/gyandan/30/879/
260	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	An Introduction to Transportation Engineering	https://erp.skit.ac.in/vlectures/gyandan/47/128/
261	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Highway Materials-I	https://erp.skit.ac.in/vlectures/gyandan/47/129/
262	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Highway Materials and alignment	https://erp.skit.ac.in/vlectures/gyandan/47/130/
263	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Highway Alignment and Highway Project	https://erp.skit.ac.in/vlectures/gyandan/47/131/
264	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Geometric Design	https://erp.skit.ac.in/vlectures/gyandan/47/132/
265	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Sight Sistance	https://erp.skit.ac.in/vlectures/gyandan/47/133/
266	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Horizontal Alignment	https://erp.skit.ac.in/vlectures/gyandan/47/134/
267	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Verical Alignment-I	https://erp.skit.ac.in/vlectures/gyandan/47/135/
268	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Verical Alignment-II	https://erp.skit.ac.in/vlectures/gyandan/47/136/
269	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Highway Materials(raw materials, soil as raw material,test on soil)	https://erp.skit.ac.in/vlectures/gyandan/47/137/
270	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Highway Materials(Aggregates as a raw material test on aggregation)	https://erp.skit.ac.in/vlectures/gyandan/47/138/
271	Shubham Kumar Kumawat	Civil Engg.	7CE4-01	Transportation Engineering	Highway Materials(bitumen as a raw material, test on butumen)	https://erp.skit.ac.in/vlectures/gyandan/47/139/
272	Shubham Kumar Kumawat	Civil Engg.	7CE4-01	Transportation Engineering	Fly Ash,Bottom ash and coal-ash,use of filler materials in butuminous pavement DLC/PQC	https://erp.skit.ac.in/vlectures/gyandan/47/140/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
273	Shubham Kumar Kumawat	Civil Engg.	7CE4-01	Transportation Engineering	Highway Construction	https://erp.skit.ac.in/vlectures/gyandan/47/141/
274	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Different Type of highway construction	https://erp.skit.ac.in/vlectures/gyandan/47/142/
275	Shubham Kumar Kumawat	Civil Engg.	7CE4-01	Transportation Engineering	Rigid Pavement construction	https://erp.skit.ac.in/vlectures/gyandan/47/143/
276	Shubham Kumar Kumawat	Civil Engg.	7CE4-01	Transportation Engineering	Roller Compacted Concerte Road Construction	https://erp.skit.ac.in/vlectures/gyandan/47/144/
277	Shubham Kumar Kumawat	Civil Engg.	7CE4-01	Transportation Engineering	Features of rural roads	https://erp.skit.ac.in/vlectures/gyandan/47/145/
278	Nishant Sachdeva	Civil Engg.	7CE4-01	Transportation Engineering	Design of flexible and rigid Pavement as Per IRC	https://erp.skit.ac.in/vlectures/gyandan/47/146/
279	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Design of rigid pavement	https://erp.skit.ac.in/vlectures/gyandan/47/147/
280	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Design of Joints in Rigid pavement	https://erp.skit.ac.in/vlectures/gyandan/47/148/
281	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Railway engineering -I	https://erp.skit.ac.in/vlectures/gyandan/47/149/
282	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Railway engineering -II	https://erp.skit.ac.in/vlectures/gyandan/47/150/
283	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Railway engineering(contents)-I	https://erp.skit.ac.in/vlectures/gyandan/47/151/
284	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Railway engineering(contents)-II	https://erp.skit.ac.in/vlectures/gyandan/47/152/
285	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Airorts and harbours	https://erp.skit.ac.in/vlectures/gyandan/47/153/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
286	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Airorts and harbours(contents)-I	https://erp.skit.ac.in/vlectures/gyandan/47/154/
287	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Airorts and harbours(contents)-II	https://erp.skit.ac.in/vlectures/gyandan/47/155/
288	Anirudh Mathur	Civil Engg.	7CE4-01	Transportation Engineering	Introduction to Airorts and harbours(contents)-III	https://erp.skit.ac.in/vlectures/gyandan/47/156/
289	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Design of Flexible pavement	https://erp.skit.ac.in/vlectures/gyandan/47/1405/
290	Nikhil Kumar Sharma	Civil Engg.	7CE4-01	Transportation Engineering	Design of Rigid Pavement- Introduction	https://erp.skit.ac.in/vlectures/gyandan/47/1406/
291	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Introduction (Zero Lecture)	https://erp.skit.ac.in/vlectures/gyandan/558/2008/
292	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Definition, Characteristics, Stored Program Architecture, Storage Device-Primary and Secondary	https://erp.skit.ac.in/vlectures/gyandan/558/2009/
293	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Access methods-Sequential, Random & Direct, Concept of High level, Assembly and Low-Level Languages	https://erp.skit.ac.in/vlectures/gyandan/558/2010/
294	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Introduction of Algorithms-Flowchart, Pseudo-code	https://erp.skit.ac.in/vlectures/gyandan/558/2011/
295	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Introduction of Number System, Conversion from decimal to other base	https://erp.skit.ac.in/vlectures/gyandan/558/2012/
296	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Conversion from other base to decimal.	https://erp.skit.ac.in/vlectures/gyandan/558/2013/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
297	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Conversion from Binary to Octal and Octal to Binary. Conversion from Binary to Hexadecimal and Hexadecimal to Binary. Conversion from Octal to Hexadecimal and Octal to Hexadecimal.	https://erp.skit.ac.in/vlectures/gyandan/558/2014/
298	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Addition and Subtraction of base r=2,8,10,16. To find r's and r-1's complement.	https://erp.skit.ac.in/vlectures/gyandan/558/2015/
299	Palika Jajoo	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Addition and Subtraction using r's and r-1's complement.	https://erp.skit.ac.in/vlectures/gyandan/558/2016/
300	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Introduction to C (data types, input/output statements, simple C program)	https://erp.skit.ac.in/vlectures/gyandan/558/2017/
301	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Tokens in C programming	https://erp.skit.ac.in/vlectures/gyandan/558/2018/
302	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Operators in C programming	https://erp.skit.ac.in/vlectures/gyandan/558/2019/
303	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Conditional Statements (Part 1)	https://erp.skit.ac.in/vlectures/gyandan/558/2020/
304	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Conditional Statements (Part 2)	https://erp.skit.ac.in/vlectures/gyandan/558/2021/
305	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Looping Statement (Part 1)	https://erp.skit.ac.in/vlectures/gyandan/558/2022/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
306	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Looping Statement (Part 2)	https://erp.skit.ac.in/vlectures/gyandan/558/2023/
307	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Break and Continue Statements	https://erp.skit.ac.in/vlectures/gyandan/558/2024/
308	Neeraj Garg	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Nested Loops: Patterns Problem	https://erp.skit.ac.in/vlectures/gyandan/558/2025/
309	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Function in C	https://erp.skit.ac.in/vlectures/gyandan/558/2026/
310	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Pointer (Applications of pointer)	https://erp.skit.ac.in/vlectures/gyandan/558/2027/
311	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Types of the functions and their usage	https://erp.skit.ac.in/vlectures/gyandan/558/2028/
312	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Array (1-D)	https://erp.skit.ac.in/vlectures/gyandan/558/2029/
313	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Array (2-D)	https://erp.skit.ac.in/vlectures/gyandan/558/2030/
314	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	String (1-D)	https://erp.skit.ac.in/vlectures/gyandan/558/2031/
315	Ganpat Singh Chauhan	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	String (2-D), operation and functions	https://erp.skit.ac.in/vlectures/gyandan/558/2032/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
316	Kailash Soni	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Structure and Union (Part 1)	https://erp.skit.ac.in/vlectures/gyandan/558/2033/
317	Kailash Soni	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	Structure and Union (Part 2)	https://erp.skit.ac.in/vlectures/gyandan/558/2034/
318	Kailash Soni	Computer Science and Engg.	1FY3-06	Programming for Problem Solving	File Handling	https://erp.skit.ac.in/vlectures/gyandan/558/2035/
319	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Introduction	https://erp.skit.ac.in/vlectures/gyandan/149/1180/
320	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Introduction of Digital Electronics, Number System	https://erp.skit.ac.in/vlectures/gyandan/149/1181/
321	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Number System	https://erp.skit.ac.in/vlectures/gyandan/149/1182/
322	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Sign Magnitude representation, complements	https://erp.skit.ac.in/vlectures/gyandan/149/1183/
323	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Complement Arithmetic, Binary Codes	https://erp.skit.ac.in/vlectures/gyandan/149/1184/
324	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Boolean Algebra, Logic Gates	https://erp.skit.ac.in/vlectures/gyandan/149/1185/
325	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Universal Gates	https://erp.skit.ac.in/vlectures/gyandan/149/1186/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
326	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Boolean Expression implementation using NAND, NOR gates	https://erp.skit.ac.in/vlectures/gyandan/149/1187/
327	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	Logic Family Characteristics	https://erp.skit.ac.in/vlectures/gyandan/149/1191/
328	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	TTL NAND Gate	https://erp.skit.ac.in/vlectures/gyandan/149/1192/
329	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	TTL Tristate	https://erp.skit.ac.in/vlectures/gyandan/149/1193/
330	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	RTL & DTL	https://erp.skit.ac.in/vlectures/gyandan/149/1194/
331	Yogendra Kumar Gupta	Computer Science and Engg.	3CS3-04	Digital Electronics	ECL, CMOS	https://erp.skit.ac.in/vlectures/gyandan/149/1195/
332	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	Introduction to Combinational CircuitHalf Adder, Full adder	https://erp.skit.ac.in/vlectures/gyandan/149/1196/
333	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	Ripple Carry Adder, Carry Look Ahead adder	https://erp.skit.ac.in/vlectures/gyandan/149/1197/
334	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	Multiplexer	https://erp.skit.ac.in/vlectures/gyandan/149/1198/
335	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	Implementation og boolean expression using Multiplexer	https://erp.skit.ac.in/vlectures/gyandan/149/1199/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
336	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	BCD Adder	https://erp.skit.ac.in/vlectures/gyandan/149/1200/
337	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	Decoders and BCD to Seven Segment	https://erp.skit.ac.in/vlectures/gyandan/149/1201/
338	Sarabjeet Singh Sethi	Computer Science and Engg.	3CS3-04	Digital Electronics	De-Multiplexer	https://erp.skit.ac.in/vlectures/gyandan/149/1202/
339	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	Sequential Circuit, Latch	https://erp.skit.ac.in/vlectures/gyandan/149/1203/
340	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	Flip Flops	https://erp.skit.ac.in/vlectures/gyandan/149/1204/
341	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	JK, T Flip Flop	https://erp.skit.ac.in/vlectures/gyandan/149/1205/
342	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	Designing with Flip Flop	https://erp.skit.ac.in/vlectures/gyandan/149/1206/
343	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	Counters	https://erp.skit.ac.in/vlectures/gyandan/149/1207/
344	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	Counters	https://erp.skit.ac.in/vlectures/gyandan/149/1208/
345	Vinod Kataria	Computer Science and Engg.	3CS3-04	Digital Electronics	Shift Registers	https://erp.skit.ac.in/vlectures/gyandan/149/1209/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
346	Neha Janu	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Introduction of Data Structures	https://erp.skit.ac.in/vlectures/gyandan/150/1118/
347	Ruchika Khandelwal	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Introduction of Linked List, singly linked list	https://erp.skit.ac.in/vlectures/gyandan/150/1124/
348	Ruchika Khandelwal	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Deletion in Singly Linked list, Reversing of Linked List, Doubly Linked List	https://erp.skit.ac.in/vlectures/gyandan/150/1125/
349	Ruchika Khandelwal	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Circular Linked List	https://erp.skit.ac.in/vlectures/gyandan/150/1126/
350	Ruchika Khandelwal	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Header Linked List	https://erp.skit.ac.in/vlectures/gyandan/150/1127/
351	Neha Janu	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Introduction, Representation and various operations on Queue Data Structure	https://erp.skit.ac.in/vlectures/gyandan/150/1128/
352	Neha Janu	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Representation and various operations on Circular Queue Data Structure	https://erp.skit.ac.in/vlectures/gyandan/150/1129/
353	Neha Janu	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Representation and various operations of Double Ended Queue Data Structure	https://erp.skit.ac.in/vlectures/gyandan/150/1130/
354	Ruchika Khandelwal	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Linear Search, Binary Search	https://erp.skit.ac.in/vlectures/gyandan/150/1131/
355	Neha Janu	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Counting Sort	https://erp.skit.ac.in/vlectures/gyandan/150/1134/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
356	Neha Janu	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Heap Sort	https://erp.skit.ac.in/vlectures/gyandan/150/1135/
357	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Tree Data Structure	https://erp.skit.ac.in/vlectures/gyandan/150/1136/
358	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Binary Tree	https://erp.skit.ac.in/vlectures/gyandan/150/1137/
359	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Preorder Traversal Without Recursion	https://erp.skit.ac.in/vlectures/gyandan/150/1138/
360	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	AVL Tree	https://erp.skit.ac.in/vlectures/gyandan/150/1139/
361	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	RL Rotation	https://erp.skit.ac.in/vlectures/gyandan/150/1140/
362	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Deletion in AVL tree	https://erp.skit.ac.in/vlectures/gyandan/150/1141/
363	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Traversing of Graph	https://erp.skit.ac.in/vlectures/gyandan/150/1142/
364	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Depth First Search	https://erp.skit.ac.in/vlectures/gyandan/150/1143/
365	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Topological Sorting	https://erp.skit.ac.in/vlectures/gyandan/150/1144/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
366	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Minimum Spanning Tree	https://erp.skit.ac.in/vlectures/gyandan/150/1145/
367	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Rushkals Algorithm	https://erp.skit.ac.in/vlectures/gyandan/150/1146/
368	Pratipal Singh	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Dijstra Algorithm	https://erp.skit.ac.in/vlectures/gyandan/150/1147/
369	Ruchika Khandelwal	Computer Science and Engg.	3CS4-05	Data Structures and Algorithms	Hashing	https://erp.skit.ac.in/vlectures/gyandan/150/1148/
370	Ashish Pant	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Characteristics of OOP	https://erp.skit.ac.in/vlectures/gyandan/151/1067/
371	Mahender Kumar Beniwal	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Introduction to C++ (Keywords, Datatypes, Identifiers, cin, cout,etc)	https://erp.skit.ac.in/vlectures/gyandan/151/1068/
372	Kailash Soni	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Structures in C++	https://erp.skit.ac.in/vlectures/gyandan/151/1069/
373	Kailash Soni	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Inline Functions	https://erp.skit.ac.in/vlectures/gyandan/151/1071/
374	Ashish Pant	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Reference Variables and function calling mechanism	https://erp.skit.ac.in/vlectures/gyandan/151/1072/
375	Mahender Kumar Beniwal	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Default Arguments	https://erp.skit.ac.in/vlectures/gyandan/151/1073/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
376	Mahender Kumar Beniwal	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Function Overloading	https://erp.skit.ac.in/vlectures/gyandan/151/1074/
377	Garima Gupta	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Constant data member & member function	https://erp.skit.ac.in/vlectures/gyandan/151/1075/
378	Garima Gupta	Computer Science and Engg.	3CS4-06	Object Oriented Programming	this' pointer in C++	https://erp.skit.ac.in/vlectures/gyandan/151/1076/
379	Ashish Pant	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Dynamic memory allocation	https://erp.skit.ac.in/vlectures/gyandan/151/1078/
380	Garima Gupta	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Overloading Binary Operators (using member function and friend function)	https://erp.skit.ac.in/vlectures/gyandan/151/1082/
381	Mahender Kumar Beniwal	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Virtual Base class	https://erp.skit.ac.in/vlectures/gyandan/151/1084/
382	Ashish Pant	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Function Overriding	https://erp.skit.ac.in/vlectures/gyandan/151/1085/
383	Garima Gupta	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Abstract Class and Pure Virtual Functions	https://erp.skit.ac.in/vlectures/gyandan/151/1087/
384	Kailash Soni	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Exception handling	https://erp.skit.ac.in/vlectures/gyandan/151/1088/
385	Garima Gupta	Computer Science and Engg.	3CS4-06	Object Oriented Programming	Templates	https://erp.skit.ac.in/vlectures/gyandan/151/1089/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
386	Kailash Soni	Computer Science and Engg.	3CS4-06	Object Oriented Programming	File Handling (Part1)	https://erp.skit.ac.in/vlectures/gyandan/151/1090/
387	Mahender Kumar Beniwal	Computer Science and Engg.	3CS4-06	Object Oriented Programming	File Handling (Part2)	https://erp.skit.ac.in/vlectures/gyandan/151/1091/
388	Rajat Goel	Computer Science and Engg.	3CS4-07	Software Engineering	Introduction SE Syllabus	https://erp.skit.ac.in/vlectures/gyandan/152/490/
389	Priyanka	Computer Science and Engg.	3CS4-07	Software Engineering	Introduction to Software Engineering , Software Products,Need of SE, Types of SE	https://erp.skit.ac.in/vlectures/gyandan/152/491/
390	Priyanka	Computer Science and Engg.	3CS4-07	Software Engineering	SDLC Part-1	https://erp.skit.ac.in/vlectures/gyandan/152/492/
391	Priyanka	Computer Science and Engg.	3CS4-07	Software Engineering	SDLC Part-2	https://erp.skit.ac.in/vlectures/gyandan/152/493/
392	Priyanka	Computer Science and Engg.	3CS4-07	Software Engineering	Introduction-Section 1 of the SRS	https://erp.skit.ac.in/vlectures/gyandan/152/494/
393	Priyanka	Computer Science and Engg.	3CS4-07	Software Engineering	Verification & Validation	https://erp.skit.ac.in/vlectures/gyandan/152/495/
394	Kanak Giri	Computer Science and Engg.	3CS4-07	Software Engineering	Basics of Software Project Management-SPM Basics & LOC Estimation	https://erp.skit.ac.in/vlectures/gyandan/152/496/
395	Kanak Giri	Computer Science and Engg.	3CS4-07	Software Engineering	FP Estimation	https://erp.skit.ac.in/vlectures/gyandan/152/497/

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396	Kanak Giri	Computer Science and Engg.	3CS4-07	Software Engineering	Basic COCOMO(COCOMO-81)Estimation	https://erp.skit.ac.in/vlectures/gyandan/152/498/
397	Kanak Giri	Computer Science and Engg.	3CS4-07	Software Engineering	COCOMO Estimation Model	https://erp.skit.ac.in/vlectures/gyandan/152/499/
398	Kanak Giri	Computer Science and Engg.	3CS4-07	Software Engineering	Risk Analysis, Software Project Scheduling	https://erp.skit.ac.in/vlectures/gyandan/152/500/
399	Aakriti Sharma	Computer Science and Engg.	3CS4-07	Software Engineering	Requirement Analysis	https://erp.skit.ac.in/vlectures/gyandan/152/501/
400	Aakriti Sharma	Computer Science and Engg.	3CS4-07	Software Engineering	Software prototyping and specification	https://erp.skit.ac.in/vlectures/gyandan/152/502/
401	Aakriti Sharma	Computer Science and Engg.	3CS4-07	Software Engineering	specification data dictionary	https://erp.skit.ac.in/vlectures/gyandan/152/503/
402	Aakriti Sharma	Computer Science and Engg.	3CS4-07	Software Engineering	Structured Analysis- Data and control flow diagrams	https://erp.skit.ac.in/vlectures/gyandan/152/504/
403	Aakriti Sharma	Computer Science and Engg.	3CS4-07	Software Engineering	Finite State Machine (FSM) models	https://erp.skit.ac.in/vlectures/gyandan/152/505/
404	Rajat Goel	Computer Science and Engg.	3CS4-07	Software Engineering	Object oriented Software Engineering Concepts and process Model	https://erp.skit.ac.in/vlectures/gyandan/152/511/
405	Rajat Goel	Computer Science and Engg.	3CS4-07	Software Engineering	Object oriented Analysis	https://erp.skit.ac.in/vlectures/gyandan/152/512/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
406	Rajat Goel	Computer Science and Engg.	3CS4-07	Software Engineering	Object oriented Design	https://erp.skit.ac.in/vlectures/gyandan/152/513/
407	Rajat Goel	Computer Science and Engg.	3CS4-07	Software Engineering	Unified Modeling Language-I	https://erp.skit.ac.in/vlectures/gyandan/152/514/
408	Rajat Goel	Computer Science and Engg.	3CS4-07	Software Engineering	Unified Modeling Language-II	https://erp.skit.ac.in/vlectures/gyandan/152/515/
409	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Introduction	https://erp.skit.ac.in/vlectures/gyandan/436/1212/
410	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Introduction of Digital Electronics, Number System	https://erp.skit.ac.in/vlectures/gyandan/436/1213/
411	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Number System	https://erp.skit.ac.in/vlectures/gyandan/436/1214/
412	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Sign Magnitude representation, complements	https://erp.skit.ac.in/vlectures/gyandan/436/1215/
413	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Complement Arithmetic, Binary Codes	https://erp.skit.ac.in/vlectures/gyandan/436/1216/
414	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Boolean Algebra, Logic Gates	https://erp.skit.ac.in/vlectures/gyandan/436/1217/
415	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Universal Gates	https://erp.skit.ac.in/vlectures/gyandan/436/1218/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
416	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Boolean Expression implementation using NAND, NOR gates	https://erp.skit.ac.in/vlectures/gyandan/436/1219/
417	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	Logic Family Characteristics	https://erp.skit.ac.in/vlectures/gyandan/436/1223/
418	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	TTL NAND Gate	https://erp.skit.ac.in/vlectures/gyandan/436/1224/
419	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	TTL Tristate	https://erp.skit.ac.in/vlectures/gyandan/436/1225/
420	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	RTL & DTL	https://erp.skit.ac.in/vlectures/gyandan/436/1226/
421	Yogendra Kumar Gupta	Computer Science and Engg.	3IT3-04	Digital Electronics	ECL, CMOS	https://erp.skit.ac.in/vlectures/gyandan/436/1227/
422	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	Introduction to Combinational CircuitHalf Adder, Full adder	https://erp.skit.ac.in/vlectures/gyandan/436/1228/
423	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	Ripple Carry Adder, Carry Look Ahead adder	https://erp.skit.ac.in/vlectures/gyandan/436/1229/
424	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	Multiplexer	https://erp.skit.ac.in/vlectures/gyandan/436/1230/
425	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	Implementation og boolean expression using Multiplexer	https://erp.skit.ac.in/vlectures/gyandan/436/1231/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
426	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	BCD Adder	https://erp.skit.ac.in/vlectures/gyandan/436/1232/
427	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	Decoders and BCD to Seven Segment	https://erp.skit.ac.in/vlectures/gyandan/436/1233/
428	Sarabjeet Singh Sethi	Computer Science and Engg.	3IT3-04	Digital Electronics	De-Multiplexer	https://erp.skit.ac.in/vlectures/gyandan/436/1234/
429	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	Sequential Circuit, Latch	https://erp.skit.ac.in/vlectures/gyandan/436/1235/
430	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	Flip Flops	https://erp.skit.ac.in/vlectures/gyandan/436/1236/
431	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	JK, T Flip Flop	https://erp.skit.ac.in/vlectures/gyandan/436/1237/
432	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	Designing with Flip Flop	https://erp.skit.ac.in/vlectures/gyandan/436/1238/
433	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	Counters	https://erp.skit.ac.in/vlectures/gyandan/436/1239/
434	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	Counters	https://erp.skit.ac.in/vlectures/gyandan/436/1240/
435	Vinod Kataria	Computer Science and Engg.	3IT3-04	Digital Electronics	Shift Registers	https://erp.skit.ac.in/vlectures/gyandan/436/1241/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
436	Neha Janu	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Introduction of Data Structures	https://erp.skit.ac.in/vlectures/gyandan/437/1149/
437	Ruchika Khandelwal	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Introduction of Linked List, singly linked list	https://erp.skit.ac.in/vlectures/gyandan/437/1155/
438	Ruchika Khandelwal	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Deletion in Singly Linked list, Reversing of Linked List, Doubly Linked List	https://erp.skit.ac.in/vlectures/gyandan/437/1156/
439	Ruchika Khandelwal	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Circular Linked List	https://erp.skit.ac.in/vlectures/gyandan/437/1157/
440	Ruchika Khandelwal	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Header Linked List	https://erp.skit.ac.in/vlectures/gyandan/437/1158/
441	Neha Janu	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Introduction, Representation and various operations on Queue Data Structure	https://erp.skit.ac.in/vlectures/gyandan/437/1159/
442	Neha Janu	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Representation and various operations on Circular Queue Data Structure	https://erp.skit.ac.in/vlectures/gyandan/437/1160/
443	Neha Janu	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Representation and various operations of Double Ended Queue Data Structure	https://erp.skit.ac.in/vlectures/gyandan/437/1161/
444	Ruchika Khandelwal	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Linear Search, Binary Search	https://erp.skit.ac.in/vlectures/gyandan/437/1162/
445	Neha Janu	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Counting Sort	https://erp.skit.ac.in/vlectures/gyandan/437/1165/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
446	Neha Janu	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Heap Sort	https://erp.skit.ac.in/vlectures/gyandan/437/1166/
447	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Tree Data Structure	https://erp.skit.ac.in/vlectures/gyandan/437/1167/
448	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Binary Tree	https://erp.skit.ac.in/vlectures/gyandan/437/1168/
449	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Preorder Traversal Without Recursion	https://erp.skit.ac.in/vlectures/gyandan/437/1169/
450	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	AVL Tree	https://erp.skit.ac.in/vlectures/gyandan/437/1170/
451	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	RL Rotation	https://erp.skit.ac.in/vlectures/gyandan/437/1171/
452	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Deletion in AVL tree	https://erp.skit.ac.in/vlectures/gyandan/437/1172/
453	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Traversing of Graph	https://erp.skit.ac.in/vlectures/gyandan/437/1173/
454	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Depth First Search	https://erp.skit.ac.in/vlectures/gyandan/437/1174/
455	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Topological Sorting	https://erp.skit.ac.in/vlectures/gyandan/437/1175/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
456	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Minimum Spanning Tree	https://erp.skit.ac.in/vlectures/gyandan/437/1176/
457	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Rushkals Algorithm	https://erp.skit.ac.in/vlectures/gyandan/437/1177/
458	Pratipal Singh	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Dijstra Algorithm	https://erp.skit.ac.in/vlectures/gyandan/437/1178/
459	Ruchika Khandelwal	Computer Science and Engg.	3IT4-05	Data Structures and Algorithms	Hashing	https://erp.skit.ac.in/vlectures/gyandan/437/1179/
460	Ashish Pant	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Characteristics of OOP	https://erp.skit.ac.in/vlectures/gyandan/438/1093/
461	Mahender Kumar Beniwal	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Introduction to C++ (Keywords, Datatypes, Identifiers, cin, cout,etc)	https://erp.skit.ac.in/vlectures/gyandan/438/1094/
462	Kailash Soni	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Structures in C++	https://erp.skit.ac.in/vlectures/gyandan/438/1095/
463	Kailash Soni	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Inline Functions	https://erp.skit.ac.in/vlectures/gyandan/438/1097/
464	Ashish Pant	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Reference Variables and function calling mechanism	https://erp.skit.ac.in/vlectures/gyandan/438/1098/
465	Mahender Kumar Beniwal	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Default Arguments	https://erp.skit.ac.in/vlectures/gyandan/438/1099/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
466	Mahender Kumar Beniwal	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Function Overloading	https://erp.skit.ac.in/vlectures/gyandan/438/1100/
467	Garima Gupta	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Constant data member & member function	https://erp.skit.ac.in/vlectures/gyandan/438/1101/
468	Garima Gupta	Computer Science and Engg.	3IT4-06	Object Oriented Programming	this' pointer in C++	https://erp.skit.ac.in/vlectures/gyandan/438/1102/
469	Ashish Pant	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Dynamic memory allocation	https://erp.skit.ac.in/vlectures/gyandan/438/1104/
470	Garima Gupta	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Overloading Binary Operators (using member function and friend function)	https://erp.skit.ac.in/vlectures/gyandan/438/1108/
471	Mahender Kumar Beniwal	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Virtual Base class	https://erp.skit.ac.in/vlectures/gyandan/438/1110/
472	Ashish Pant	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Function Overriding	https://erp.skit.ac.in/vlectures/gyandan/438/1111/
473	Garima Gupta	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Abstract Class and Pure Virtual Functions	https://erp.skit.ac.in/vlectures/gyandan/438/1113/
474	Kailash Soni	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Exception handling	https://erp.skit.ac.in/vlectures/gyandan/438/1114/
475	Garima Gupta	Computer Science and Engg.	3IT4-06	Object Oriented Programming	Templates	https://erp.skit.ac.in/vlectures/gyandan/438/1115/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
476	Kailash Soni	Computer Science and Engg.	3IT4-06	Object Oriented Programming	File Handling (Part1)	https://erp.skit.ac.in/vlectures/gyandan/438/1116/
477	Mahender Kumar Beniwal	Computer Science and Engg.	3IT4-06	Object Oriented Programming	File Handling (Part2)	https://erp.skit.ac.in/vlectures/gyandan/438/1117/
478	Rajat Goel	Computer Science and Engg.	3IT4-07	Software Engineering	Introduction SE Syllabus	https://erp.skit.ac.in/vlectures/gyandan/439/1040/
479	Priyanka	Computer Science and Engg.	3IT4-07	Software Engineering	Introduction to Software Engineering , Software Products,Need of SE, Types of SE	https://erp.skit.ac.in/vlectures/gyandan/439/1041/
480	Priyanka	Computer Science and Engg.	3IT4-07	Software Engineering	SDLC Part-1	https://erp.skit.ac.in/vlectures/gyandan/439/1042/
481	Priyanka	Computer Science and Engg.	3IT4-07	Software Engineering	SDLC Part-2	https://erp.skit.ac.in/vlectures/gyandan/439/1043/
482	Priyanka	Computer Science and Engg.	3IT4-07	Software Engineering	Introduction-Section 1 of the SRS	https://erp.skit.ac.in/vlectures/gyandan/439/1044/
483	Priyanka	Computer Science and Engg.	3IT4-07	Software Engineering	Verification & Validation	https://erp.skit.ac.in/vlectures/gyandan/439/1045/
484	Kanak Giri	Computer Science and Engg.	3IT4-07	Software Engineering	Basics of Software Project Management-SPM Basics & LOC Estimation	https://erp.skit.ac.in/vlectures/gyandan/439/1046/
485	Kanak Giri	Computer Science and Engg.	3IT4-07	Software Engineering	FP Estimation	https://erp.skit.ac.in/vlectures/gyandan/439/1047/

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486	Kanak Giri	Computer Science and Engg.	3IT4-07	Software Engineering	Basic COCOMO(COCOMO-81)Estimation	https://erp.skit.ac.in/vlectures/gyandan/439/1048/
487	Kanak Giri	Computer Science and Engg.	3IT4-07	Software Engineering	COCOMO Estimation Model	https://erp.skit.ac.in/vlectures/gyandan/439/1049/
488	Kanak Giri	Computer Science and Engg.	3IT4-07	Software Engineering	Risk Analysis, Software Project Scheduling	https://erp.skit.ac.in/vlectures/gyandan/439/1050/
489	Aakriti Sharma	Computer Science and Engg.	3IT4-07	Software Engineering	Requirement Analysis	https://erp.skit.ac.in/vlectures/gyandan/439/1051/
490	Aakriti Sharma	Computer Science and Engg.	3IT4-07	Software Engineering	Software prototyping and specification	https://erp.skit.ac.in/vlectures/gyandan/439/1052/
491	Aakriti Sharma	Computer Science and Engg.	3IT4-07	Software Engineering	specification data dictionary	https://erp.skit.ac.in/vlectures/gyandan/439/1053/
492	Aakriti Sharma	Computer Science and Engg.	3IT4-07	Software Engineering	Structured Analysis- Data and control flow diagrams	https://erp.skit.ac.in/vlectures/gyandan/439/1054/
493	Aakriti Sharma	Computer Science and Engg.	3IT4-07	Software Engineering	Finite State Machine (FSM) models	https://erp.skit.ac.in/vlectures/gyandan/439/1055/
494	Rajat Goel	Computer Science and Engg.	3IT4-07	Software Engineering	Object oriented Software Engineering Concepts and process Model	https://erp.skit.ac.in/vlectures/gyandan/439/1061/
495	Rajat Goel	Computer Science and Engg.	3IT4-07	Software Engineering	Object oriented Analysis	https://erp.skit.ac.in/vlectures/gyandan/439/1062/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
496	Rajat Goel	Computer Science and Engg.	3IT4-07	Software Engineering	Object oriented Design	https://erp.skit.ac.in/vlectures/gyandan/439/1063/
497	Rajat Goel	Computer Science and Engg.	3IT4-07	Software Engineering	Unified Modeling Language-I	https://erp.skit.ac.in/vlectures/gyandan/439/1064/
498	Rajat Goel	Computer Science and Engg.	3IT4-07	Software Engineering	Unified Modeling Language-II	https://erp.skit.ac.in/vlectures/gyandan/439/1065/
499	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Course Introduction	https://erp.skit.ac.in/vlectures/gyandan/202/1568/
500	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Introduction to information theory-Part I Uncertainty, Information,Entropy,Conditional entropy,Mutual information	https://erp.skit.ac.in/vlectures/gyandan/202/1569/
501	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Introduction to information theory-Part II Information measures for continuous random variables,source coding theorem,Discrete Memory less channels	https://erp.skit.ac.in/vlectures/gyandan/202/1570/
502	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Prefix code	https://erp.skit.ac.in/vlectures/gyandan/202/1571/
503	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Huffman code	https://erp.skit.ac.in/vlectures/gyandan/202/1572/
504	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Shanon-Fane code	https://erp.skit.ac.in/vlectures/gyandan/202/1573/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
505	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Lempel-Ziv coding	https://erp.skit.ac.in/vlectures/gyandan/202/1574/
506	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Communication Channel channel capacity,Channel coding theorem,Shannon limit	https://erp.skit.ac.in/vlectures/gyandan/202/1575/
507	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Error correcting codes Introduction to error connecting codes, minimum distance consideration	https://erp.skit.ac.in/vlectures/gyandan/202/1576/
508	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Linear Block Codes coding & decoding of linear block code, conversion of non-systematic form of matrices into systematic form.	https://erp.skit.ac.in/vlectures/gyandan/202/1577/
509	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Cyclic code-Part I Basic properties of Galois fields (GF) polynomial operations over Galois fields	https://erp.skit.ac.in/vlectures/gyandan/202/1578/
510	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Cyclic code-Part II Generating cyclic code by generating polynomial,parity check polynomial.	https://erp.skit.ac.in/vlectures/gyandan/202/1579/
511	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Cyclic code-Part III Encoder & decoder for cyclic codes.	https://erp.skit.ac.in/vlectures/gyandan/202/1580/
512	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	Convolutional Codes Convolutional encoders of different rates.convolutional code. Code Tree, Trellis and state diagram	https://erp.skit.ac.in/vlectures/gyandan/202/1581/
513	Shanu Tripathi	Computer Science and Engg.	5CS3-01	Information Theory & Coding	The Viterbi Algorithm Maximum likelihood decoding of : The viterbi Algorithm fee distance of a convolutional code	https://erp.skit.ac.in/vlectures/gyandan/202/1582/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
514	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Lexical Analysis	https://erp.skit.ac.in/vlectures/gyandan/203/449/
515	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Syntax Analysis	https://erp.skit.ac.in/vlectures/gyandan/203/450/
516	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Syntax Analysis-Grammar	https://erp.skit.ac.in/vlectures/gyandan/203/451/
517	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Syntax Analysis-Grammar	https://erp.skit.ac.in/vlectures/gyandan/203/452/
518	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Syntax Analysis-parsers	https://erp.skit.ac.in/vlectures/gyandan/203/453/
519	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Syntax Analysis-parsers	https://erp.skit.ac.in/vlectures/gyandan/203/454/
520	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Syntax Analysis-parsers	https://erp.skit.ac.in/vlectures/gyandan/203/455/
521	Girish Sharma	Computer Science and Engg.	5CS4-02	Compiler Design	Semantic Analysis	https://erp.skit.ac.in/vlectures/gyandan/203/456/
522	Deepa Modi	Computer Science and Engg.	5CS4-02	Compiler Design	Storage Organization	https://erp.skit.ac.in/vlectures/gyandan/203/457/
523	Deepa Modi	Computer Science and Engg.	5CS4-02	Compiler Design	Access to non-local Names & Parameter Passing	https://erp.skit.ac.in/vlectures/gyandan/203/458/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
524	Deepa Modi	Computer Science and Engg.	5CS4-02	Compiler Design	Symbol table Organization	https://erp.skit.ac.in/vlectures/gyandan/203/459/
525	Deepa Modi	Computer Science and Engg.	5CS4-02	Compiler Design	Three Address Code	https://erp.skit.ac.in/vlectures/gyandan/203/460/
526	Mayank Kumar Jain	Computer Science and Engg.	5CS4-02	Compiler Design	Compiler Design	https://erp.skit.ac.in/vlectures/gyandan/203/461/
527	Mayank Kumar Jain	Computer Science and Engg.	5CS4-02	Compiler Design	Compiler Design-Basic block,flow graph	https://erp.skit.ac.in/vlectures/gyandan/203/462/
528	Mayank Kumar Jain	Computer Science and Engg.	5CS4-02	Compiler Design	Directed Acyclic Graph	https://erp.skit.ac.in/vlectures/gyandan/203/463/
529	Mayank Kumar Jain	Computer Science and Engg.	5CS4-02	Compiler Design	Optimization,Code Generation	https://erp.skit.ac.in/vlectures/gyandan/203/464/
530	Priyanka Sharma	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Priyanka Sharma - classical Problems & their Solutions	https://erp.skit.ac.in/vlectures/gyandan/204/12/
531	Sunil Dhankhar	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Sunil Dhankar - Threads	https://erp.skit.ac.in/vlectures/gyandan/204/13/
532	Kajal Mathur	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Kajal Mathur - Memory Management	https://erp.skit.ac.in/vlectures/gyandan/204/14/
533	Kajal Mathur	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Kajal Mathur - Contiguous Memory Allocation	https://erp.skit.ac.in/vlectures/gyandan/204/15/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
534	Kajal Mathur	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Kajal Mathur - Paging and TLB	https://erp.skit.ac.in/vlectures/gyandan/204/16/
535	Kajal Mathur	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Kajal Mathur - Page Table Stuctures	https://erp.skit.ac.in/vlectures/gyandan/204/17/
536	Kajal Mathur	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Kajal Mathur - Virtual Memory	https://erp.skit.ac.in/vlectures/gyandan/204/18/
537	Kajal Mathur	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Kajal Mathur - Page Replacemenet Techniques	https://erp.skit.ac.in/vlectures/gyandan/204/19/
538	Sunil Dhankhar	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Sunil Dhankar - Deadlock	https://erp.skit.ac.in/vlectures/gyandan/204/20/
539	Sunil Dhankhar	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Sunil Dhankar - Deadlock part - II	https://erp.skit.ac.in/vlectures/gyandan/204/21/
540	Priyanka Sharma	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Priyanka Sharma - File Types & Strucures	https://erp.skit.ac.in/vlectures/gyandan/204/25/
541	Priyanka Sharma	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Priyanka Sharma - File Access Methods	https://erp.skit.ac.in/vlectures/gyandan/204/26/
542	Priyanka Sharma	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Priyanka Sharma - File Allocation Methods	https://erp.skit.ac.in/vlectures/gyandan/204/27/
543	Priyanka Sharma	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Priyanka Sharma - Directory & its Types	https://erp.skit.ac.in/vlectures/gyandan/204/28/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
544	Priyanka Sharma	Computer Science and Engg.	5CS4-03	Operating System	Operating System - Priyanka Sharma - Free Space Management & File Security	https://erp.skit.ac.in/vlectures/gyandan/204/29/
545	Harpreet Singh Gill	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Inroduction,Objective & Scope of CGM	https://erp.skit.ac.in/vlectures/gyandan/205/465/
546	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Computer Graphics and Applicaions	https://erp.skit.ac.in/vlectures/gyandan/205/466/
547	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Display Devices, Raster and Ramdom Scan	https://erp.skit.ac.in/vlectures/gyandan/205/467/
548	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Raster and Random Scan, Output Primitives(Lines)	https://erp.skit.ac.in/vlectures/gyandan/205/468/
549	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Output Primitives-Circle(Mid Point Circle Algorithm)	https://erp.skit.ac.in/vlectures/gyandan/205/469/
550	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Output Primitives-Circle(Mid Point Ellipse Algorithm)	https://erp.skit.ac.in/vlectures/gyandan/205/470/
551	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	DDA Line Algorithm	https://erp.skit.ac.in/vlectures/gyandan/205/471/
552	Pankaj Kumar Jadwal	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Mid Point Line Algorithm	https://erp.skit.ac.in/vlectures/gyandan/205/472/
553	Harpreet Singh Gill	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Graphics Primitives-character generation, line attributes, area-fill attributes, character attributers Aliasing,Anti Aliasing	https://erp.skit.ac.in/vlectures/gyandan/205/473/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
554	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	2D Transformations-Transformations (translation, rotation, scaling), matrix representation, homogeneous coordinates, composite transformations	https://erp.skit.ac.in/vlectures/gyandan/205/474/
555	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	2D Transformations-composite transformations, reflection and shearing,	https://erp.skit.ac.in/vlectures/gyandan/205/475/
556	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	2D Transformations-viewing pipeline and coordinates system, window-to-viewport transformation, clipping including point clipping	https://erp.skit.ac.in/vlectures/gyandan/205/476/
557	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	2D Transformations-line clipping (cohen-sutherland, liang- bersky,NLN)	https://erp.skit.ac.in/vlectures/gyandan/205/477/
558	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	2D Transformations- polygon clipping	https://erp.skit.ac.in/vlectures/gyandan/205/478/
559	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Implementation of Clipping Algorithms	https://erp.skit.ac.in/vlectures/gyandan/205/479/
560	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	3D Transformations	https://erp.skit.ac.in/vlectures/gyandan/205/483/
561	Rashmi Dadhich	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Viewing and Projections	https://erp.skit.ac.in/vlectures/gyandan/205/484/
562	Harpreet Singh Gill	Computer Science and Engg.	5CS4-04	Computer Graphics & Multimedia	Animation Realism	https://erp.skit.ac.in/vlectures/gyandan/205/489/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
563	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Analysis of Algorithm and complexity order notation	https://erp.skit.ac.in/vlectures/gyandan/206/952/
564	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Complexity of Recurrence Relation	https://erp.skit.ac.in/vlectures/gyandan/206/953/
565	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Greedy Method and Knapsack Problem	https://erp.skit.ac.in/vlectures/gyandan/206/958/
566	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Job Sequencing with deadline, optimal Merge Pattern	https://erp.skit.ac.in/vlectures/gyandan/206/959/
567	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Minimum Spanning Tree	https://erp.skit.ac.in/vlectures/gyandan/206/960/
568	Neha Mathur	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Backtracking	https://erp.skit.ac.in/vlectures/gyandan/206/967/
569	Rubal Deep Gill	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Pattern Matching	https://erp.skit.ac.in/vlectures/gyandan/206/968/
570	Rubal Deep Gill	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Knuth Morris Pratt Pattern Matching Algorithm	https://erp.skit.ac.in/vlectures/gyandan/206/969/
571	Rubal Deep Gill	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Boyer Moore Pattern Matching Algorithm	https://erp.skit.ac.in/vlectures/gyandan/206/970/
572	Rubal Deep Gill	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Assignment Problem	https://erp.skit.ac.in/vlectures/gyandan/206/971/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
573	Rubal Deep Gill	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Quadratic Assignment Problem	https://erp.skit.ac.in/vlectures/gyandan/206/972/
574	Neha Mathur	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Randomized Algorithm	https://erp.skit.ac.in/vlectures/gyandan/206/973/
575	Rubal Deep Gill	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Randomized Algorithm for 2 -Sat	https://erp.skit.ac.in/vlectures/gyandan/206/974/
576	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Flow Shop Scheduling	https://erp.skit.ac.in/vlectures/gyandan/206/976/
577	Neha Mathur	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Problem Classes and cookâ€™s Theorem	https://erp.skit.ac.in/vlectures/gyandan/206/977/
578	Neha Mathur	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Introduction to Cookâ€™s Theorem	https://erp.skit.ac.in/vlectures/gyandan/206/978/
579	Nidhi Srivastav	Computer Science and Engg.	5CS4-05	Analysis of Algorithms	Satisfiability and vertex cover problem	https://erp.skit.ac.in/vlectures/gyandan/206/980/
580	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Introduction	https://erp.skit.ac.in/vlectures/gyandan/207/1806/
581	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Defining Multipath Environment	https://erp.skit.ac.in/vlectures/gyandan/207/1807/
582	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Fading Effect in Multipath Environment	https://erp.skit.ac.in/vlectures/gyandan/207/1808/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
583	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Understanding the Fading Effect	https://erp.skit.ac.in/vlectures/gyandan/207/1809/
584	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Free Space Propagation Model	https://erp.skit.ac.in/vlectures/gyandan/207/1810/
585	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Ground Reflection Model or Two Ray Propagation Model	https://erp.skit.ac.in/vlectures/gyandan/207/1811/
586	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Small Scale Multipath Propagation-I	https://erp.skit.ac.in/vlectures/gyandan/207/1812/
587	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Small Scale Multipath Propagation-II	https://erp.skit.ac.in/vlectures/gyandan/207/1813/
588	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Small Scale Multipath Propagation-III	https://erp.skit.ac.in/vlectures/gyandan/207/1814/
589	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	The Cellular Concept-I	https://erp.skit.ac.in/vlectures/gyandan/207/1815/
590	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	The Cellular Concept-II	https://erp.skit.ac.in/vlectures/gyandan/207/1816/
591	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Interference and Capacity	https://erp.skit.ac.in/vlectures/gyandan/207/1817/
592	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Truncking and Grade of Service	https://erp.skit.ac.in/vlectures/gyandan/207/1818/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
593	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Improving Coverage and Capacity	https://erp.skit.ac.in/vlectures/gyandan/207/1819/
594	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Multiple Access Techniques for Wireless Communication	https://erp.skit.ac.in/vlectures/gyandan/207/1820/
595	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	CDMA and Capacity Calculation	https://erp.skit.ac.in/vlectures/gyandan/207/1821/
596	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Modulation Techniques for Mobile Communication-I	https://erp.skit.ac.in/vlectures/gyandan/207/1822/
597	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Modulation Techniques for Mobile Communication-II	https://erp.skit.ac.in/vlectures/gyandan/207/1823/
598	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Modulation Techniques for Mobile Communication-III	https://erp.skit.ac.in/vlectures/gyandan/207/1824/
599	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Modulation Techniques for Mobile Communication-IV	https://erp.skit.ac.in/vlectures/gyandan/207/1825/
600	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Modulation Techniques for Mobile Communication-V	https://erp.skit.ac.in/vlectures/gyandan/207/1826/
601	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Modulation Techniques for Mobile Communication (OFDM)-VI	https://erp.skit.ac.in/vlectures/gyandan/207/1827/
602	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Equalization and Diversity-I	https://erp.skit.ac.in/vlectures/gyandan/207/1828/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
603	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Equalization and Diversity-II	https://erp.skit.ac.in/vlectures/gyandan/207/1829/
604	Vinay Kanungo	Computer Science and Engg.	5CS5-11	Wireless Communication	Equalization and Diversity-III	https://erp.skit.ac.in/vlectures/gyandan/207/1830/
605	Sarabjeet Singh Sethi	Computer Science and Engg.	5IT3-01	Microprocessor And Interfaces	Programmable interrupt controller-8259(PIC)	https://erp.skit.ac.in/vlectures/gyandan/456/1846/
606	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Lexical Analysis	https://erp.skit.ac.in/vlectures/gyandan/457/999/
607	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Syntax Analysis	https://erp.skit.ac.in/vlectures/gyandan/457/1000/
608	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Syntax Analysis-Grammar	https://erp.skit.ac.in/vlectures/gyandan/457/1001/
609	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Syntax Analysis-Grammar	https://erp.skit.ac.in/vlectures/gyandan/457/1002/
610	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Syntax Analysis-parsers	https://erp.skit.ac.in/vlectures/gyandan/457/1003/
611	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Syntax Analysis-parsers	https://erp.skit.ac.in/vlectures/gyandan/457/1004/
612	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Syntax Analysis-parsers	https://erp.skit.ac.in/vlectures/gyandan/457/1005/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
613	Girish Sharma	Computer Science and Engg.	5IT4-02	Compiler Design	Semantic Analysis	https://erp.skit.ac.in/vlectures/gyandan/457/1006/
614	Deepa Modi	Computer Science and Engg.	5IT4-02	Compiler Design	Storage Organization	https://erp.skit.ac.in/vlectures/gyandan/457/1007/
615	Deepa Modi	Computer Science and Engg.	5IT4-02	Compiler Design	Access to non-local Names & Parameter Passing	https://erp.skit.ac.in/vlectures/gyandan/457/1008/
616	Deepa Modi	Computer Science and Engg.	5IT4-02	Compiler Design	Symbol table Organization	https://erp.skit.ac.in/vlectures/gyandan/457/1009/
617	Deepa Modi	Computer Science and Engg.	5IT4-02	Compiler Design	Three Address Code	https://erp.skit.ac.in/vlectures/gyandan/457/1010/
618	Mayank Kumar Jain	Computer Science and Engg.	5IT4-02	Compiler Design	Compiler Design	https://erp.skit.ac.in/vlectures/gyandan/457/1011/
619	Mayank Kumar Jain	Computer Science and Engg.	5IT4-02	Compiler Design	Compiler Design-Basic block,flow graph	https://erp.skit.ac.in/vlectures/gyandan/457/1012/
620	Mayank Kumar Jain	Computer Science and Engg.	5IT4-02	Compiler Design	Directed Acyclic Graph	https://erp.skit.ac.in/vlectures/gyandan/457/1013/
621	Mayank Kumar Jain	Computer Science and Engg.	5IT4-02	Compiler Design	Optimization,Code Generation	https://erp.skit.ac.in/vlectures/gyandan/457/1014/
622	Harpreet Singh Gill	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Inroduction,Objective & Scope of CGM	https://erp.skit.ac.in/vlectures/gyandan/459/1015/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
623	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Computer Graphics and Applicaions	https://erp.skit.ac.in/vlectures/gyandan/459/1016/
624	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Display Devices, Raster and Ramdom Scan	https://erp.skit.ac.in/vlectures/gyandan/459/1017/
625	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Raster and Random Scan, Output Primitives(Lines)	https://erp.skit.ac.in/vlectures/gyandan/459/1018/
626	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Output Primitives-Circle(Mid Point Circle Algorithm)	https://erp.skit.ac.in/vlectures/gyandan/459/1019/
627	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Output Primitives-Circle(Mid Point Ellipse Algorithm)	https://erp.skit.ac.in/vlectures/gyandan/459/1020/
628	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	DDA Line Algorithm	https://erp.skit.ac.in/vlectures/gyandan/459/1021/
629	Pankaj Kumar Jadwal	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Mid Point Line Algorithm	https://erp.skit.ac.in/vlectures/gyandan/459/1022/
630	Harpreet Singh Gill	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Graphics Primitives-character generation, line attributes, area-fill attributes, character attributers Aliasing,Anti Aliasing	https://erp.skit.ac.in/vlectures/gyandan/459/1023/
631	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	2D Transformations-Transformations (translation, rotation, scaling), matrix representation, homogeneous coordinates, composite transformations	https://erp.skit.ac.in/vlectures/gyandan/459/1024/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
632	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	2D Transformations-composite transformations, reflection and shearing,	https://erp.skit.ac.in/vlectures/gyandan/459/1025/
633	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	2D Transformations-viewing pipeline and coordinates system, window-to-viewport transformation, clipping including point clipping	https://erp.skit.ac.in/vlectures/gyandan/459/1026/
634	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	2D Transformations-line clipping (cohen-sutherland, liang- bersky,NLN)	https://erp.skit.ac.in/vlectures/gyandan/459/1027/
635	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	2D Transformations- polygon clipping	https://erp.skit.ac.in/vlectures/gyandan/459/1028/
636	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Implementation of Clipping Algorithms	https://erp.skit.ac.in/vlectures/gyandan/459/1029/
637	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	3D Transformations	https://erp.skit.ac.in/vlectures/gyandan/459/1033/
638	Rashmi Dadhich	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Viewing and Projections	https://erp.skit.ac.in/vlectures/gyandan/459/1034/
639	Harpreet Singh Gill	Computer Science and Engg.	5IT4-04	Computer Graphics & Multimedia	Animation Realism	https://erp.skit.ac.in/vlectures/gyandan/459/1039/
640	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Analysis of Algorithms & Complexity Order Notations	https://erp.skit.ac.in/vlectures/gyandan/460/225/
641	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	complexity of Recurrence Relation	https://erp.skit.ac.in/vlectures/gyandan/460/226/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
642	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Greedy Method: Knapsack Problem	https://erp.skit.ac.in/vlectures/gyandan/460/231/
643	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Job Sequencing, Optimal Merge Patterns	https://erp.skit.ac.in/vlectures/gyandan/460/232/
644	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Minimal Spanning Trees	https://erp.skit.ac.in/vlectures/gyandan/460/233/
645	Neha Mathur	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Backtracking Algorithms and queens problem	https://erp.skit.ac.in/vlectures/gyandan/460/240/
646	Rubal Deep Gill	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Pattern Matching Algorithms	https://erp.skit.ac.in/vlectures/gyandan/460/241/
647	Rubal Deep Gill	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	NaÃ¯ve and Rabin Karp string matching algorithms, KMP Matcher	https://erp.skit.ac.in/vlectures/gyandan/460/242/
648	Rubal Deep Gill	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Boyer Moore Algorithms	https://erp.skit.ac.in/vlectures/gyandan/460/243/
649	Rubal Deep Gill	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Assignment Problems	https://erp.skit.ac.in/vlectures/gyandan/460/244/
650	Rubal Deep Gill	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Formulation of Assignment and Quadratic Assignment Problem.	https://erp.skit.ac.in/vlectures/gyandan/460/245/
651	Neha Mathur	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Randomized Algorithms	https://erp.skit.ac.in/vlectures/gyandan/460/246/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
652	Rubal Deep Gill	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Randomized algorithm for 2- SAT	https://erp.skit.ac.in/vlectures/gyandan/460/247/
653	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Flow shop scheduling	https://erp.skit.ac.in/vlectures/gyandan/460/249/
654	Neha Mathur	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Problem Classes Cook's Theorem	https://erp.skit.ac.in/vlectures/gyandan/460/250/
655	Neha Mathur	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Problem Classes Cook's Theorem	https://erp.skit.ac.in/vlectures/gyandan/460/251/
656	Nidhi Srivastav	Computer Science and Engg.	5IT4-05	Analysis of Algorithms	Satisfiability problem and Vertex Cover Problem	https://erp.skit.ac.in/vlectures/gyandan/460/253/
657	Pankaj Dadheech	Computer Science and Engg.	7CS4-01	Internet of Things	Introduction to IoT-Definition and characteristics of IoT, Design of IOT	https://erp.skit.ac.in/vlectures/gyandan/246/516/
658	Pankaj Dadheech	Computer Science and Engg.	7CS4-01	Internet of Things	IOT communication APIs, IOT enabling Technologies- Wireless Sensor Networks, Cloud computing, big data analytics, embedded systems. IOT Levels and deployment templates	https://erp.skit.ac.in/vlectures/gyandan/246/517/
659	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	IoT Hardware and Software -Sensor and actuator	https://erp.skit.ac.in/vlectures/gyandan/246/518/
660	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	IoT Hardware and Software	https://erp.skit.ac.in/vlectures/gyandan/246/519/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
661	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Temperature Sensor, Arduino, Raspberry Pi	https://erp.skit.ac.in/vlectures/gyandan/246/520/
662	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	IoT Hardware and Software-Humidity sensors	https://erp.skit.ac.in/vlectures/gyandan/246/521/
663	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	IoT OS	https://erp.skit.ac.in/vlectures/gyandan/246/522/
664	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Architecture and Reference Model-Introduction	https://erp.skit.ac.in/vlectures/gyandan/246/523/
665	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Internet of Things Reference Model	https://erp.skit.ac.in/vlectures/gyandan/246/524/
666	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Representational State Transfer (REST) architectural style	https://erp.skit.ac.in/vlectures/gyandan/246/525/
667	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Challenges in IoT	https://erp.skit.ac.in/vlectures/gyandan/246/526/
668	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Difference and similarities between IOT and M2M	https://erp.skit.ac.in/vlectures/gyandan/246/527/
669	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Software defined Networks	https://erp.skit.ac.in/vlectures/gyandan/246/528/
670	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Network Function Virtualization	https://erp.skit.ac.in/vlectures/gyandan/246/529/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
671	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	SDN for IoT	https://erp.skit.ac.in/vlectures/gyandan/246/530/
672	Ankit Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	NFV for IoT	https://erp.skit.ac.in/vlectures/gyandan/246/531/
673	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Domain specific IOTs- Home automation	https://erp.skit.ac.in/vlectures/gyandan/246/532/
674	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Smart City	https://erp.skit.ac.in/vlectures/gyandan/246/533/
675	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Internet of Things Environmentl	https://erp.skit.ac.in/vlectures/gyandan/246/534/
676	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Retail, Logistics	https://erp.skit.ac.in/vlectures/gyandan/246/535/
677	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Agriculture, Industry	https://erp.skit.ac.in/vlectures/gyandan/246/536/
678	Sushant Kumar	Computer Science and Engg.	7CS4-01	Internet of Things	Health and Lifestyles	https://erp.skit.ac.in/vlectures/gyandan/246/537/
679	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Telephony	https://erp.skit.ac.in/vlectures/gyandan/738/74/
680	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Telephony System	https://erp.skit.ac.in/vlectures/gyandan/738/75/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
681	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Paging Systems & Internet Telephony	https://erp.skit.ac.in/vlectures/gyandan/738/76/
682	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Network Fundamental & Topologies	https://erp.skit.ac.in/vlectures/gyandan/738/77/
683	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - LAN Hardware	https://erp.skit.ac.in/vlectures/gyandan/738/78/
684	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Ethernet LANs,Tokan RIng LAN	https://erp.skit.ac.in/vlectures/gyandan/738/79/
685	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - ZigBee Mesh Wireless Networks,WiMax and MAN	https://erp.skit.ac.in/vlectures/gyandan/738/89/
686	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Infrared Wireless,RFID and Near-Field Communication	https://erp.skit.ac.in/vlectures/gyandan/738/90/
687	Niketa Sharma	Computer Science and Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Niketa Sharma - Ultrawideband Wireless Technology	https://erp.skit.ac.in/vlectures/gyandan/738/91/
688	Maneesha Kaushik	Dept. of Management Studies	M107	Business Environment	Sources of Finance & Legal Issues in Firms	https://erp.skit.ac.in/vlectures/gyandan/722/1983/
689	Maneesha Kaushik	Dept. of Management Studies	M403	Business Laws	Group Discussion	https://erp.skit.ac.in/vlectures/gyandan/505/1977/
690	Maneesha Kaushik	Dept. of Management Studies	M403	Business Laws	Interview Skills	https://erp.skit.ac.in/vlectures/gyandan/505/1978/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
691	Maneesha Kaushik	Dept. of Management Studies	M403	Business Laws	Managerial Ettiquetes	https://erp.skit.ac.in/vlectures/gyandan/505/1979/
692	Maneesha Kaushik	Dept. of Management Studies	M403	Business Laws	Personality Development	https://erp.skit.ac.in/vlectures/gyandan/505/1980/
693	Maneesha Kaushik	Dept. of Management Studies	M403	Business Laws	Networking Skills	https://erp.skit.ac.in/vlectures/gyandan/505/1981/
694	Maneesha Kaushik	Dept. of Management Studies	M403	Business Laws	Time Management	https://erp.skit.ac.in/vlectures/gyandan/505/1982/
695	Maneesha Kaushik	Dept. of Management Studies	M405	OPL (IT Lab)	Training, Compensating & Motivating the Sales Force	https://erp.skit.ac.in/vlectures/gyandan/510/1974/
696	Maneesha Kaushik	Dept. of Management Studies	M405	OPL (IT Lab)	Distribution Management	https://erp.skit.ac.in/vlectures/gyandan/510/1975/
697	Maneesha Kaushik	Dept. of Management Studies	M405	OPL (IT Lab)	Personal Selling & Types of Channels	https://erp.skit.ac.in/vlectures/gyandan/510/1976/
698	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Basic of Electrical Engineering	https://erp.skit.ac.in/vlectures/gyandan/559/745/
699	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Star-Delta Transformation	https://erp.skit.ac.in/vlectures/gyandan/559/746/
700	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Kirchhoffâ€™s Laws & Its Application	https://erp.skit.ac.in/vlectures/gyandan/559/747/
701	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Network Theorems-I	https://erp.skit.ac.in/vlectures/gyandan/559/748/
702	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Network Theorems-II	https://erp.skit.ac.in/vlectures/gyandan/559/749/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
703	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Introduction about Sinusoidal Steady State analysisGeneration of AC voltage,Representation of AC quantities Sinusoidal response of pure resistive circuit, inductive circuit, capacitive circuit	https://erp.skit.ac.in/vlectures/gyandan/559/750/
704	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Sinusoidal response of Series RL circuit, RC cirhttps://vimeo.com/user130096964/review/502561573/966cb66500	https://erp.skit.ac.in/vlectures/gyandan/559/751/
705	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Sinusoidal response of Parallel RL circuit, RC circuit and RLC circuit	https://erp.skit.ac.in/vlectures/gyandan/559/752/
706	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Concept of series resonance and Parallel resonance	https://erp.skit.ac.in/vlectures/gyandan/559/753/
707	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Balanced & Unbalanced Three Phase Circuits	https://erp.skit.ac.in/vlectures/gyandan/559/754/
708	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Introduction of TransformerWorking Principle of Transformers,Construction of Transformer	https://erp.skit.ac.in/vlectures/gyandan/559/755/
709	Avadhesh Kumar Sharma	Electrical Engg.	1FY3-08	Basic Electrical Engineering	EMF Equation of Transformer,Ideal Transformer,Transformer on NO-LOAD Condition, Equivalent Circuit & Phasor Diagram	https://erp.skit.ac.in/vlectures/gyandan/559/756/
710	Avadhesh Kumar Sharma	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Transformer on ON-LOAD Condition, Equivalent Circuit,Phasor Diagram of Transformer with Unity P.F. Load, Lagging P.F. Load, Leading P.F. Load,Numerical Problems	https://erp.skit.ac.in/vlectures/gyandan/559/757/
711	Avadhesh Kumar Sharma	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Voltage Regulation of a Transformer,Efficiency of a Transformer,Losses in a Transformer	https://erp.skit.ac.in/vlectures/gyandan/559/758/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
712	Garvit Kumar Gupta	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Construction of 3-Phase induction motor,Working Principle of 3-Phase induction motor	https://erp.skit.ac.in/vlectures/gyandan/559/759/
713	Garvit Kumar Gupta	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Numerical Problems Related to Slip, synchronous speed etc.,Starting and Speed control methods of 3-Phase induction motor,Torque slip characteristics of 3-Phase induction motor	https://erp.skit.ac.in/vlectures/gyandan/559/760/
714	Garvit Kumar Gupta	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Continue to Speed control methods,Single Phase induction motor construction & Working Principle	https://erp.skit.ac.in/vlectures/gyandan/559/761/
715	Garvit Kumar Gupta	Electrical Engg.	1FY3-08	Basic Electrical Engineering	DC machine with classification,Separately excited DC Motor Construction & working principle,Torque speed characteristics of Separately excited DC Motor	https://erp.skit.ac.in/vlectures/gyandan/559/762/
716	Garvit Kumar Gupta	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Speed control methods of Separately excited DC Motor,Synchronous generator construction &working principle	https://erp.skit.ac.in/vlectures/gyandan/559/763/
717	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Introduction, P-N Junction Diode	https://erp.skit.ac.in/vlectures/gyandan/559/764/
718	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Bipolar Junction Transistor	https://erp.skit.ac.in/vlectures/gyandan/559/765/
719	Deepti Arela	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Single Phase Rectifier with Resistive Load	https://erp.skit.ac.in/vlectures/gyandan/559/766/
720	Ankit Vijayvargiya	Electrical Engg.	1FY3-08	Basic Electrical Engineering	SCR,DC-DC Converter	https://erp.skit.ac.in/vlectures/gyandan/559/767/
721	Avadhesh Kumar Sharma	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Introduction of Switchgear,Types of Switchgear,Switch Fuse Units(S.F.U.)	https://erp.skit.ac.in/vlectures/gyandan/559/768/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
722	Garvit Kumar Gupta	Electrical Engg.	1FY3-08	Basic Electrical Engineering	Power Measurement,Elementary Calculation for Energy consumption	https://erp.skit.ac.in/vlectures/gyandan/559/769/
723	Vivek Sharma	Electrical Engg.	3EE3-04	Power Generation Process	Indian energy scene regarding different types of power plant Hydro Power Plants: Basic schemes and working principle Classification of hydroelectric plants Basic schemes of hydroelectric and pumped storage plants.	https://erp.skit.ac.in/vlectures/gyandan/65/599/
724	Vivek Sharma	Electrical Engg.	3EE3-04	Power Generation Process	Nuclear Power Plants: Basic schemes and working principle. Fissile and fertile materials. Nuclear fission and nuclear fusion.	https://erp.skit.ac.in/vlectures/gyandan/65/600/
725	Vivek Sharma	Electrical Engg.	3EE3-04	Power Generation Process	Basic plant schemes with boiling water reactor, heavy water reactor and fast breeder reactor. Fuel Cycle	https://erp.skit.ac.in/vlectures/gyandan/65/601/
726	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Thermal Power plant â€“ I Coal Characteristics Basic schemes and working principle. Main Equipment Used in thermal power plant	https://erp.skit.ac.in/vlectures/gyandan/65/602/
727	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Thermal Power plant â€“ II Main Equipment Used in thermal power plant Advantages and Disadvantages of Thermal Power plant	https://erp.skit.ac.in/vlectures/gyandan/65/603/
728	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Gas Power Plants â€“ I Site Selection of Gas Power Plant Basic Principle Classification of Gas Power Plant open cycle gas turbine plant	https://erp.skit.ac.in/vlectures/gyandan/65/604/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
729	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Gas Power Plants â€“ II Close cycle gas turbine plant Fuel for Gas turbine power plant Advantages and Disadvantages ofgas turbine plant Application of gas turbine Power plant Comparison of gas turbine plants and steam plants	https://erp.skit.ac.in/vlectures/gyandan/65/605/
730	Tarun Kumar Chheepa	Electrical Engg.	3EE3-04	Power Generation Process	Indian energy scene regarding non-conventional energy sources. Impact of thermal, gas, hydro and nuclear power stations onenvironment. Renewable and nonrenewable energy sources	https://erp.skit.ac.in/vlectures/gyandan/65/606/
731	Tarun Kumar Chheepa	Electrical Engg.	3EE3-04	Power Generation Process	Green House Effect (Global Warming).Basic schemes and working principle of energy generation by Solar energy.	https://erp.skit.ac.in/vlectures/gyandan/65/607/
732	Tarun Kumar Chheepa	Electrical Engg.	3EE3-04	Power Generation Process	Basic schemes and working principle of energy generation by Wind energy. Basic schemes and working principle of energy generation by Tidel energy. Selection and location of power plants	https://erp.skit.ac.in/vlectures/gyandan/65/608/
733	Baibhav Bishal	Electrical Engg.	3EE3-04	Power Generation Process	Introduction to Load Curve Various Factors related load curve.	https://erp.skit.ac.in/vlectures/gyandan/65/609/
734	Baibhav Bishal	Electrical Engg.	3EE3-04	Power Generation Process	Effects of variable loads Chronological Load Curves Importance of load curve Load duration curve	https://erp.skit.ac.in/vlectures/gyandan/65/610/
735	Baibhav Bishal	Electrical Engg.	3EE3-04	Power Generation Process	Energy load curve Mass curve and definition of various factors related to load curve Base load and peak load	https://erp.skit.ac.in/vlectures/gyandan/65/611/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
736	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Power Factor Improvement - I Basics of power factor Causes of Low Power Factor Disadvantages of Low Power Factor Advantages of Power factor improvement Importance of Power Factor Improvement	https://erp.skit.ac.in/vlectures/gyandan/65/612/
737	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Power Factor Improvement - II Calculation for Power Factor Improvement Power Factor Improvement Methods	https://erp.skit.ac.in/vlectures/gyandan/65/613/
738	Jitendra Singh	Electrical Engg.	3EE3-04	Power Generation Process	Cogeneration and Energy conservation Basic Principle of Cogeneration Type of Cogeneration Combined Gas and Steam power plants Advantages of Cogeneration Disadvantages of Cogeneration Energy conservation Principle of Energy conservation Planning of Energy conservation Energy conservation in various sectors	https://erp.skit.ac.in/vlectures/gyandan/65/614/
739	Vivek Sharma	Electrical Engg.	3EE3-04	Power Generation Process	Concept of Power Plant Economics Calculation of generation cost	https://erp.skit.ac.in/vlectures/gyandan/65/615/
740	Vivek Sharma	Electrical Engg.	3EE3-04	Power Generation Process	Depreciation. Effect of load factor on unit energy cost. Role of load diversity in power system economics. Calculation of most economic power factor when kW demand is constant and kVA demand is constant Energy cost reduction: off peak energy utilization Tariffs, its general form and its different types	https://erp.skit.ac.in/vlectures/gyandan/65/616/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
741	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Basic and Electric Circuits - Introduction, Charge,Current, Voltage,Power, Energy	https://erp.skit.ac.in/vlectures/gyandan/66/317/
742	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Basic and Electric Circuits - Circuit elements, Classification of network elements, Sources, Main concepts	https://erp.skit.ac.in/vlectures/gyandan/66/318/
743	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Basic Laws - Ohmâ€™s Law and resistance, Nodes, Paths, Loops and Branches Kirchhoffâ€™s Current Law (KCL),Kirchhoffâ€™s Voltage Law (KVL)	https://erp.skit.ac.in/vlectures/gyandan/66/319/
744	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Basic Laws - Series resistance and voltage division,Parallel resistance and current division,Source transformation,Source in series or parallel,Wye-Delta transformation,Network manipulations for easy analysis	https://erp.skit.ac.in/vlectures/gyandan/66/320/
745	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Basic Nodal and Mesh Analysis - Nodal analysis,Nodal analysis with voltage source,Mesh analysis,Mesh analysis with current source,Comparison between Nodal analysis and Mesh analysis	https://erp.skit.ac.in/vlectures/gyandan/66/321/
746	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Circuit Theorems - Introduction,Superposition Theorem,Thevenin Theorem,Norton Theorem,Maximum Power Transfer Theorem,Reciprocity Theorem,Compensation Theorem,Concept of Duality and Dual Networks	https://erp.skit.ac.in/vlectures/gyandan/66/322/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
747	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Circuit Theorems - Maximum Power Transfer Theorem,Reciprocity Theorem,Compensation Theorem,Concept of Duality and Dual Networks	https://erp.skit.ac.in/vlectures/gyandan/66/323/
748	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Introduction to Transient and steady state	https://erp.skit.ac.in/vlectures/gyandan/66/324/
749	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Laplace Transformation and Region of Convergence	https://erp.skit.ac.in/vlectures/gyandan/66/325/
750	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Properties of Laplace transformation	https://erp.skit.ac.in/vlectures/gyandan/66/326/
751	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Inverse Laplace transformation and initial and final values theorem	https://erp.skit.ac.in/vlectures/gyandan/66/327/
752	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Transient Response of RL circuit	https://erp.skit.ac.in/vlectures/gyandan/66/328/
753	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Transient Response of RC circuit	https://erp.skit.ac.in/vlectures/gyandan/66/329/
754	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Numerical problems based on RL and RC circuit	https://erp.skit.ac.in/vlectures/gyandan/66/330/
755	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Second order differential equation	https://erp.skit.ac.in/vlectures/gyandan/66/331/
756	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Numerical problems based on Second order differential equation	https://erp.skit.ac.in/vlectures/gyandan/66/332/
757	Mohd Imran	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Mixed Problems and pole zero concept	https://erp.skit.ac.in/vlectures/gyandan/66/333/
758	Ankit Vijayvargiya	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Concept of series resonance & Parallel resonance	https://erp.skit.ac.in/vlectures/gyandan/66/334/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
759	Ankit Vijayvargiya	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Introduction about Sinusoidal Steady State analysis,Generation of AC voltage,Representation of AC quantities,Sinusoidal response of pure resistive circuit,Sinusoidal response of pure inductive circuit,Sinusoidal response of pure capacitive circuit.	https://erp.skit.ac.in/vlectures/gyandan/66/335/
760	Ankit Vijayvargiya	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Sinusoidal response of Series RL circuit,Sinusoidal response of Series RC circuit,Sinusoidal response of Series RLC circuit	https://erp.skit.ac.in/vlectures/gyandan/66/336/
761	Ankit Vijayvargiya	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Sinusoidal response of Parallel RL circuit,Sinusoidal response of Parallel RC circuit,Sinusoidal response of Parallel RLC circuit	https://erp.skit.ac.in/vlectures/gyandan/66/337/
762	Ankit Vijayvargiya	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Numerical Problems on Sinusoidal Steady State Analysis	https://erp.skit.ac.in/vlectures/gyandan/66/338/
763	Ankit Vijayvargiya	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Analysis of Three-phase Circuits	https://erp.skit.ac.in/vlectures/gyandan/66/339/
764	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Mutual Coupled Circuits, Dot Convention, Ideal Transformer	https://erp.skit.ac.in/vlectures/gyandan/66/340/
765	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Two Port Network, Terminal Pairs	https://erp.skit.ac.in/vlectures/gyandan/66/341/
766	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Relationship of two port Variables	https://erp.skit.ac.in/vlectures/gyandan/66/342/
767	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Impedance, Admittance, Hybrid Parameters	https://erp.skit.ac.in/vlectures/gyandan/66/343/
768	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Transmission Parameters, Reciprocity and Symmetry of Parameters	https://erp.skit.ac.in/vlectures/gyandan/66/344/
769	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Inter-relations of Two port Network	https://erp.skit.ac.in/vlectures/gyandan/66/345/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
770	Deepak Saini	Electrical Engg.	3EE4-05	Electrical Circuit Analysis	Interconnections of two port network	https://erp.skit.ac.in/vlectures/gyandan/66/346/
771	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-06	Analog Electronics	Semiconductors & PN Junction diode	https://erp.skit.ac.in/vlectures/gyandan/67/254/
772	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-06	Analog Electronics	Rectifiers	https://erp.skit.ac.in/vlectures/gyandan/67/255/
773	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-06	Analog Electronics	Clippers & Clampers	https://erp.skit.ac.in/vlectures/gyandan/67/256/
774	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-06	Analog Electronics	BJTâ€™s Structure, Working & itâ€™s Configurations	https://erp.skit.ac.in/vlectures/gyandan/67/257/
775	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-06	Analog Electronics	BJT characteristics , DC biasing, Load line & Operating point	https://erp.skit.ac.in/vlectures/gyandan/67/258/
776	Vikas Ranveer Singh Mahala	Electrical Engg.	3EE4-06	Analog Electronics	BJT as a switch & Amplifier.DC & AC Analysis of BJT, Small signal model	https://erp.skit.ac.in/vlectures/gyandan/67/259/
777	Jinendra Rahul	Electrical Engg.	3EE4-06	Analog Electronics	AC Analysis of BJT, Small-signal model, High-frequency equivalent circuits	https://erp.skit.ac.in/vlectures/gyandan/67/260/
778	Jinendra Rahul	Electrical Engg.	3EE4-06	Analog Electronics	Introduction of MOSFET, Classification of MOSFET, Transfer and output characteristics, MOSFET as a switch, MOSFET as an amplifier	https://erp.skit.ac.in/vlectures/gyandan/67/261/
779	Jinendra Rahul	Electrical Engg.	3EE4-06	Analog Electronics	Feedback Biasing, Voltage Divider Biasing, Small Signal Model, High Frequency Equivalent Circuit	https://erp.skit.ac.in/vlectures/gyandan/67/262/
780	Akash Deo	Electrical Engg.	3EE4-06	Analog Electronics	Power Amplifiers (Class A, Class AB Operation	https://erp.skit.ac.in/vlectures/gyandan/67/263/
781	Akash Deo	Electrical Engg.	3EE4-06	Analog Electronics	Class B, Class C Operations	https://erp.skit.ac.in/vlectures/gyandan/67/264/
782	Akash Deo	Electrical Engg.	3EE4-06	Analog Electronics	Differential Amplifier	https://erp.skit.ac.in/vlectures/gyandan/67/265/
783	Akash Deo	Electrical Engg.	3EE4-06	Analog Electronics	DC & AC analysis of Differential Amplifiers	https://erp.skit.ac.in/vlectures/gyandan/67/266/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
784	Akash Deo	Electrical Engg.	3EE4-06	Analog Electronics	Inverting & Non-Inverting Amplifiers, Differential Amplifiers, Instrumentation Amplifiers, Integrators and Differentiators	https://erp.skit.ac.in/vlectures/gyandan/67/267/
785	Akash Deo	Electrical Engg.	3EE4-06	Analog Electronics	Active Filters, P, PI, and PID Controllers, Compensators, Voltage Regulators and Oscillators	https://erp.skit.ac.in/vlectures/gyandan/67/268/
786	Md Yusuf Sharif	Electrical Engg.	3EE4-06	Analog Electronics	Introduction to OP-AMP and its transfer characteristics.	https://erp.skit.ac.in/vlectures/gyandan/67/269/
787	Md Yusuf Sharif	Electrical Engg.	3EE4-06	Analog Electronics	Non- Idealities in OP-AMP	https://erp.skit.ac.in/vlectures/gyandan/67/270/
788	Md Yusuf Sharif	Electrical Engg.	3EE4-06	Analog Electronics	Off Set voltage, Inverting and non-inverting Amplifiers	https://erp.skit.ac.in/vlectures/gyandan/67/271/
789	Md Yusuf Sharif	Electrical Engg.	3EE4-06	Analog Electronics	Comparator, Zero Crossing Detector, Schmitt Trigger	https://erp.skit.ac.in/vlectures/gyandan/67/272/
790	Md Yusuf Sharif	Electrical Engg.	3EE4-06	Analog Electronics	Multivibrator, Triangular wave and Square wave generator.	https://erp.skit.ac.in/vlectures/gyandan/67/273/
791	Bharat Modi	Electrical Engg.	3EE4-07	Electrical Machine-I	Introduction & construction of DC machines	https://erp.skit.ac.in/vlectures/gyandan/68/381/
792	Bharat Modi	Electrical Engg.	3EE4-07	Electrical Machine-I	EMF, and torque in DC machines	https://erp.skit.ac.in/vlectures/gyandan/68/382/
793	Bharat Modi	Electrical Engg.	3EE4-07	Electrical Machine-I	Armature winding Designi	https://erp.skit.ac.in/vlectures/gyandan/68/383/
794	Bharat Modi	Electrical Engg.	3EE4-07	Electrical Machine-I	DC machines operating equations, types and characteristics	https://erp.skit.ac.in/vlectures/gyandan/68/384/
795	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Review of Magnetic fields and magnetic circuits	https://erp.skit.ac.in/vlectures/gyandan/68/385/
796	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Review of di?erent laws for calculating magnetic ?eld	https://erp.skit.ac.in/vlectures/gyandan/68/386/
797	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Visualization of magnetic fields produced by bar magnet	https://erp.skit.ac.in/vlectures/gyandan/68/387/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
798	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Visualization of magnetic fields due to current carrying coil on its axis	https://erp.skit.ac.in/vlectures/gyandan/68/388/
799	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Armature Reaction in DC machines	https://erp.skit.ac.in/vlectures/gyandan/68/389/
800	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Voltage build-up in DC shunt generators: Critical field resistance & speed	https://erp.skit.ac.in/vlectures/gyandan/68/390/
801	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Derivation & graphical interpretation of different Characteristics of dc shunt motors	https://erp.skit.ac.in/vlectures/gyandan/68/391/
802	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	DC machine Speed control - motoring characteristics for series and separately excited dc motors; Losses of dc machines	https://erp.skit.ac.in/vlectures/gyandan/68/392/
803	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Testing and efficiency of dc machines	https://erp.skit.ac.in/vlectures/gyandan/68/393/
804	Arun Kumar Nayak	Electrical Engg.	3EE4-07	Electrical Machine-I	Introduction to the Course objectives: Scheme and syllabus	https://erp.skit.ac.in/vlectures/gyandan/68/394/
805	Manish Kumar Navlakha	Electrical Engg.	3EE4-07	Electrical Machine-I	Basic concepts of magnetic circuits and Different zones of B-H characteristics	https://erp.skit.ac.in/vlectures/gyandan/68/395/
806	Manish Kumar Navlakha	Electrical Engg.	3EE4-07	Electrical Machine-I	Principles of electromechanical energy conversion, and deriving stored energy formula	https://erp.skit.ac.in/vlectures/gyandan/68/396/
807	Manish Kumar Navlakha	Electrical Engg.	3EE4-07	Electrical Machine-I	Force concerning position of A Moving Element	https://erp.skit.ac.in/vlectures/gyandan/68/397/
808	Manish Kumar Navlakha	Electrical Engg.	3EE4-07	Electrical Machine-I	Torque concerning angular Position of A Rotating Element	https://erp.skit.ac.in/vlectures/gyandan/68/398/
809	Mohd Imran	Electrical Engg.	3EE4-08	Electromagnetic Field	Introduction to electrostatic, Coulombâ€™s law.	https://erp.skit.ac.in/vlectures/gyandan/69/399/
810	Mohd Imran	Electrical Engg.	3EE4-08	Electromagnetic Field	Electric field intensity due to line charge distribution by coulombâ€™s law	https://erp.skit.ac.in/vlectures/gyandan/69/400/
811	Mohd Imran	Electrical Engg.	3EE4-08	Electromagnetic Field	Electric field due to surface charge charge distribution by coulombâ€™s law	https://erp.skit.ac.in/vlectures/gyandan/69/401/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
812	Mohd Imran	Electrical Engg.	3EE4-08	Electromagnetic Field	Gaussâ€™s Law , Gauss divergence theorem, Electric field intensity due to point charge and line charge	https://erp.skit.ac.in/vlectures/gyandan/69/402/
813	Mohd Imran	Electrical Engg.	3EE4-08	Electromagnetic Field	Gaussâ€™s Law application: electric field intensity by surface and volume charge	https://erp.skit.ac.in/vlectures/gyandan/69/403/
814	Mohd Imran	Electrical Engg.	3EE4-08	Electromagnetic Field	Electric Potential and equipotential surface	https://erp.skit.ac.in/vlectures/gyandan/69/404/
815	Smriti Jain	Electrical Engg.	3EE4-08	Electromagnetic Field	Current & Current Density, Ohmâ€™s law in point form, Continuity of current	https://erp.skit.ac.in/vlectures/gyandan/69/405/
816	Smriti Jain	Electrical Engg.	3EE4-08	Electromagnetic Field	Electric Boundary Conditions	https://erp.skit.ac.in/vlectures/gyandan/69/406/
817	Smriti Jain	Electrical Engg.	3EE4-08	Electromagnetic Field	Laplace & Poissonâ€™s equations	https://erp.skit.ac.in/vlectures/gyandan/69/407/
818	Smriti Jain	Electrical Engg.	3EE4-08	Electromagnetic Field	Capacitance	https://erp.skit.ac.in/vlectures/gyandan/69/408/
819	Smriti Jain	Electrical Engg.	3EE4-08	Electromagnetic Field	Magnetic Boundary Conditions	https://erp.skit.ac.in/vlectures/gyandan/69/409/
820	Smriti Jain	Electrical Engg.	3EE4-08	Electromagnetic Field	Maxwellâ€™s equations, electromotive forces, boundary conditions	https://erp.skit.ac.in/vlectures/gyandan/69/410/
821	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Vector Algebra Review	https://erp.skit.ac.in/vlectures/gyandan/69/411/
822	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Rectangular/Cartesian Coordinate Systems	https://erp.skit.ac.in/vlectures/gyandan/69/412/
823	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Cylindrical Coordinate Systems	https://erp.skit.ac.in/vlectures/gyandan/69/413/
824	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Spherical Coordinate Systems; Elemental length, area and volume in spherical coordinate system	https://erp.skit.ac.in/vlectures/gyandan/69/414/
825	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Vector transformation	https://erp.skit.ac.in/vlectures/gyandan/69/415/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
826	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Line, surface and volume integral; Del operator to scalar and vector field: gradient, divergence, curl; Divergence theorem; Stokeâ€™s theorem;	https://erp.skit.ac.in/vlectures/gyandan/69/416/
827	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Problem solving related to coordinate systems, del operator and verification of theorem	https://erp.skit.ac.in/vlectures/gyandan/69/417/
828	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Laplacian of a vector; Maxwellâ€™s equations in static fields; Behaviour of Uniform plane waves in free space	https://erp.skit.ac.in/vlectures/gyandan/69/418/
829	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Behaviour of Uniform plane waves in dielectric medium; Concept of propagation constant, attenuation constant, phase constant; Complex permittivity; Electrostatic force.	https://erp.skit.ac.in/vlectures/gyandan/69/419/
830	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Dipole moment, polarization, electrical susceptibility, loss tangent; Phase relation between E &H for lossless & lossy mediums	https://erp.skit.ac.in/vlectures/gyandan/69/420/
831	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Conduction & displacement current density; Poynting vector; Total power flowing out of the volume derivation & interpretation.	https://erp.skit.ac.in/vlectures/gyandan/69/421/
832	Akash Deo	Electrical Engg.	3EE4-08	Electromagnetic Field	Power density in lossy dielectric & lossless mediums; Behavior of UPW in conductors; Skin depth, Reflection, refraction, and polarization; applications: antenna, waveguides, and transmission lines	https://erp.skit.ac.in/vlectures/gyandan/69/422/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
833	Md Yusuf Sharif	Electrical Engg.	3EE4-08	Electromagnetic Field	Introduction to Static Magnetic Field, Magnetic flux and magnetic flux density, Biot-Savartâ€™s Law	https://erp.skit.ac.in/vlectures/gyandan/69/423/
834	Md Yusuf Sharif	Electrical Engg.	3EE4-08	Electromagnetic Field	Applications of Biot-Savartâ€™s law, direction of magnetic field from right-hand palmâ€™s law and screw rule and numerical problems on Steady Magnetic fields produced by current carrying conductor	https://erp.skit.ac.in/vlectures/gyandan/69/424/
835	Md Yusuf Sharif	Electrical Engg.	3EE4-08	Electromagnetic Field	Applications of Biot-Savartâ€™s law: Steady Magnetic fields produced by circular wire/arc.	https://erp.skit.ac.in/vlectures/gyandan/69/425/
836	Md Yusuf Sharif	Electrical Engg.	3EE4-08	Electromagnetic Field	Steady Magnetic fields produced by semi-circular wire; Combination of straight and semi-circular wire; Ampereâ€™s Circuital Law: Different applications of Ampereâ€™s Circuital law.	https://erp.skit.ac.in/vlectures/gyandan/69/426/
837	Md Yusuf Sharif	Electrical Engg.	3EE4-08	Electromagnetic Field	Problem Solving on applications of Ampereâ€™s Circuital law	https://erp.skit.ac.in/vlectures/gyandan/69/427/
838	Md Yusuf Sharif	Electrical Engg.	3EE4-08	Electromagnetic Field	Time-varying fields and Maxwellâ€™s equations: Ampereâ€™s law. Faradayâ€™s law, Stokeâ€™s theorem, Gaussâ€™ law & divergence theorem. Point form and integral form of Maxwellâ€™s equation	https://erp.skit.ac.in/vlectures/gyandan/69/428/
839	Deepak Saini	Electrical Engg.	5EE3-01	Electrical Materials	(i)Introduction to solids(ii)Bonding and types of solids(iii)Crystalline state and their defects	https://erp.skit.ac.in/vlectures/gyandan/96/658/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
840	Ankush Tandon	Electrical Engg.	5EE3-01	Electrical Materials	(i)Hall Effect and Skin Effect(ii)Derivation of hall voltage and applications of hall effect.(iii)Factors affecting skin effect.(iv)Temperature dependence on resistivity.(v)Skin Depth	https://erp.skit.ac.in/vlectures/gyandan/96/659/
841	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	(i)Hall Effect and Skin Effect(ii)Derivation of hall voltage and applications of hall effect.(iii)Factors affecting skin effect.(iv)Temperature dependence on resistivity.(v)Skin Depth	https://erp.skit.ac.in/vlectures/gyandan/96/660/
842	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	Types of Polarization (electronics, ionic orientational and space charge)	https://erp.skit.ac.in/vlectures/gyandan/96/661/
843	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	(i)Internal Fields and solids- one dimensional case and three dimensional ,(ii)Evaluation of local fields for cubic structure	https://erp.skit.ac.in/vlectures/gyandan/96/662/
844	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	(i)Clausis Mosotti relation(ii)Relation between flux density and Polarization.	https://erp.skit.ac.in/vlectures/gyandan/96/663/
845	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	Numerical	https://erp.skit.ac.in/vlectures/gyandan/96/664/
846	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	(i)Properties of dielectrics in Alternating Fields,(ii)Frequency dependence of Dipolar polarizability,(iii)Complex dielectric constant and dielectric loss	https://erp.skit.ac.in/vlectures/gyandan/96/665/
847	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	Dielectrics in Alternating Fields including the effect of damping and without damping.	https://erp.skit.ac.in/vlectures/gyandan/96/666/
848	Baibhav Bishal	Electrical Engg.	5EE3-01	Electrical Materials	Piezoelectricity	https://erp.skit.ac.in/vlectures/gyandan/96/667/
849	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Magnetization of Matter-I	https://erp.skit.ac.in/vlectures/gyandan/96/668/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
850	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Magnetic Materials Introduction	https://erp.skit.ac.in/vlectures/gyandan/96/669/
851	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Magnetic Material Classification-I	https://erp.skit.ac.in/vlectures/gyandan/96/670/
852	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Magnetic Material Classification-II	https://erp.skit.ac.in/vlectures/gyandan/96/671/
853	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Magnetic Material Classification-III B-H Curve Soft and Hard Magnetic Materials	https://erp.skit.ac.in/vlectures/gyandan/96/672/
854	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Zero Resistance & Meissner Effect	https://erp.skit.ac.in/vlectures/gyandan/96/673/
855	Tarun Naruka	Electrical Engg.	5EE3-01	Electrical Materials	Superconductivity & origin	https://erp.skit.ac.in/vlectures/gyandan/96/674/
856	Deepak Saini	Electrical Engg.	5EE3-01	Electrical Materials	(i)Electrical Conductivity,(ii)Ohmâ€™s law,(iii)Free electron theory	https://erp.skit.ac.in/vlectures/gyandan/96/675/
857	Deepak Saini	Electrical Engg.	5EE3-01	Electrical Materials	(i)Relaxation time of electrons,(ii)Collision time,(iii)Mean free path,(iv)Electron scattering,(v)Resistivity of metals	https://erp.skit.ac.in/vlectures/gyandan/96/676/
858	Ankush Tandon	Electrical Engg.	5EE3-01	Electrical Materials	(i)History of Semiconductors.(ii)Factors affecting resistivity of Conductors.(iii)Temperature Dependence. (iv)Conductivity of insulators, Metals and Semiconductors in terms of energy bands.(v)The Chemical Bonds in Si and Ge.	https://erp.skit.ac.in/vlectures/gyandan/96/677/
859	Ankush Tandon	Electrical Engg.	5EE3-01	Electrical Materials	(i)Conductivity of Intrinsic Semiconductors.(ii)Extrinsic Semiconductors.(iii)Trends of material used in Electrical Equipment	https://erp.skit.ac.in/vlectures/gyandan/96/678/
860	Sarfaraz Nawaz	Electrical Engg.	5EE4-02	Power System-I	Introduction, Objective, Scope	https://erp.skit.ac.in/vlectures/gyandan/97/633/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
861	Sarfaraz Nawaz	Electrical Engg.	5EE4-02	Power System-I	Basic Concepts of Power System	https://erp.skit.ac.in/vlectures/gyandan/97/634/
862	Sarfaraz Nawaz	Electrical Engg.	5EE4-02	Power System-I	Basics of Transmission & Distribution System	https://erp.skit.ac.in/vlectures/gyandan/97/635/
863	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Parameters of Transmission Line, Resistance of Transmission Line	https://erp.skit.ac.in/vlectures/gyandan/97/636/
864	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Magnetic Field around Conductor: Internal and External Inductance, Inductance in Single Phase 2-wire System	https://erp.skit.ac.in/vlectures/gyandan/97/637/
865	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Inductance in 3-Phase System	https://erp.skit.ac.in/vlectures/gyandan/97/638/
866	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Line Capacitance, Capacitance in Single-Phase 2-Wire System, Multi-Conductor Configuration	https://erp.skit.ac.in/vlectures/gyandan/97/639/
867	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Capacitance in 3-Phase System	https://erp.skit.ac.in/vlectures/gyandan/97/640/
868	Sarfaraz Nawaz	Electrical Engg.	5EE4-02	Power System-I	Short and Medium Transmission Lines	https://erp.skit.ac.in/vlectures/gyandan/97/641/
869	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Voltage and Current Waves	https://erp.skit.ac.in/vlectures/gyandan/97/642/
870	Tarun Kumar Chheepa	Electrical Engg.	5EE4-02	Power System-I	3-Phase transformer	https://erp.skit.ac.in/vlectures/gyandan/97/643/
871	Tarun Kumar Chheepa	Electrical Engg.	5EE4-02	Power System-I	Various Connection of Transformer	https://erp.skit.ac.in/vlectures/gyandan/97/644/
872	Tarun Kumar Chheepa	Electrical Engg.	5EE4-02	Power System-I	Synchronous Machines and Per-unit system	https://erp.skit.ac.in/vlectures/gyandan/97/645/
873	Tarun Kumar Chheepa	Electrical Engg.	5EE4-02	Power System-I	Auto Transformer (i)Earthing and Neutral Grounding Transformer (ii)Tap Changing Transformer (iii)Types of Electrical Load	https://erp.skit.ac.in/vlectures/gyandan/97/646/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
874	Tarun Kumar Chheepa	Electrical Engg.	5EE4-02	Power System-I	(i)Over Voltage and causes of overvoltage. (ii) Effect of overvoltage and Protection methods from overvoltages.	https://erp.skit.ac.in/vlectures/gyandan/97/647/
875	Tarun Kumar Chheepa	Electrical Engg.	5EE4-02	Power System-I	(i)Insulation coordination. (ii)Traveling Wave and its derivations.	https://erp.skit.ac.in/vlectures/gyandan/97/648/
876	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Introduction to Faults, Types of Faults, Symmetrical Components	https://erp.skit.ac.in/vlectures/gyandan/97/649/
877	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Sequence Impedance of Transmission Line and Loaded Generator	https://erp.skit.ac.in/vlectures/gyandan/97/650/
878	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Sequence Impedances of Transformer, Flow of Zero Sequence Currents in Transformers, Single Line to Ground Fault	https://erp.skit.ac.in/vlectures/gyandan/97/651/
879	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Line to Line Fault	https://erp.skit.ac.in/vlectures/gyandan/97/652/
880	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Double Line to Ground Fault	https://erp.skit.ac.in/vlectures/gyandan/97/653/
881	Ajay Bhardwaj	Electrical Engg.	5EE4-02	Power System-I	Three Phase Fault (Symmetrical Fault)	https://erp.skit.ac.in/vlectures/gyandan/97/654/
882	Pooja Jain	Electrical Engg.	5EE4-02	Power System-I	Introduction to HVDC Transmission	https://erp.skit.ac.in/vlectures/gyandan/97/655/
883	Pooja Jain	Electrical Engg.	5EE4-02	Power System-I	Voltage and Line Commutated Converters	https://erp.skit.ac.in/vlectures/gyandan/97/656/
884	Pooja Jain	Electrical Engg.	5EE4-02	Power System-I	Solar and Wind Energy Systems	https://erp.skit.ac.in/vlectures/gyandan/97/657/
885	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Introduction	https://erp.skit.ac.in/vlectures/gyandan/98/274/
886	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Introduction of Control system, Open loop and Closed loop Control System	https://erp.skit.ac.in/vlectures/gyandan/98/275/
887	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Mathematical Modeling of Physical systems: Part-1	https://erp.skit.ac.in/vlectures/gyandan/98/276/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
888	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Mathematical Modeling of Physical systems: Part-2	https://erp.skit.ac.in/vlectures/gyandan/98/277/
889	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Mathematical Modeling of Physical systems: Part-3	https://erp.skit.ac.in/vlectures/gyandan/98/278/
890	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Effects of Feedback, Block diagram Reduction Technique	https://erp.skit.ac.in/vlectures/gyandan/98/279/
891	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Signal Flow Graph, Masonâ€™s Gain Formula	https://erp.skit.ac.in/vlectures/gyandan/98/280/
892	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Time Response Analysis, First Order System	https://erp.skit.ac.in/vlectures/gyandan/98/281/
893	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Time Response Analysis, Second Order System, Time Domain Specifications	https://erp.skit.ac.in/vlectures/gyandan/98/282/
894	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Locus of Roots of Char. Eqn for different values of damping coefficient, Static Error Coefficient	https://erp.skit.ac.in/vlectures/gyandan/98/283/
895	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Concept of stability	https://erp.skit.ac.in/vlectures/gyandan/98/284/
896	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Routh-Array Concept	https://erp.skit.ac.in/vlectures/gyandan/98/285/
897	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Root-Locus Technique: Part-1	https://erp.skit.ac.in/vlectures/gyandan/98/286/
898	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Root-Locus Technique: Part-2	https://erp.skit.ac.in/vlectures/gyandan/98/287/
899	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Polar Plots	https://erp.skit.ac.in/vlectures/gyandan/98/288/
900	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Nyquist Stability Criterion	https://erp.skit.ac.in/vlectures/gyandan/98/289/
901	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Gain and Phase Margin, Bode plot	https://erp.skit.ac.in/vlectures/gyandan/98/290/
902	Gaurav Kansal	Electrical Engg.	5EE4-03	Control System	Bode plot contd..	https://erp.skit.ac.in/vlectures/gyandan/98/291/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
903	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Stability	https://erp.skit.ac.in/vlectures/gyandan/98/292/
904	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Disturbance Rejection	https://erp.skit.ac.in/vlectures/gyandan/98/293/
905	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Transient & Steady State Accuracy	https://erp.skit.ac.in/vlectures/gyandan/98/294/
906	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Root Locus Design_I	https://erp.skit.ac.in/vlectures/gyandan/98/295/
907	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Root Locus Design Part_I	https://erp.skit.ac.in/vlectures/gyandan/98/296/
908	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Root Locus Design Part_II	https://erp.skit.ac.in/vlectures/gyandan/98/297/
909	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Root Locus Design Part_III	https://erp.skit.ac.in/vlectures/gyandan/98/298/
910	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Lead Compensator	https://erp.skit.ac.in/vlectures/gyandan/98/299/
911	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Lag Compensator	https://erp.skit.ac.in/vlectures/gyandan/98/300/
912	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Controller_Part_I	https://erp.skit.ac.in/vlectures/gyandan/98/301/
913	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Controller_Part_II	https://erp.skit.ac.in/vlectures/gyandan/98/302/
914	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Controller_Part_III	https://erp.skit.ac.in/vlectures/gyandan/98/303/
915	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Frequency Design Methods	https://erp.skit.ac.in/vlectures/gyandan/98/304/
916	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Analog And Digital Implementation	https://erp.skit.ac.in/vlectures/gyandan/98/305/
917	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	Concepts of State variables. State Space model	https://erp.skit.ac.in/vlectures/gyandan/98/306/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
918	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	Eigen values and stability analysis, diagonalization of state matrix	https://erp.skit.ac.in/vlectures/gyandan/98/307/
919	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	Solution of state equations	https://erp.skit.ac.in/vlectures/gyandan/98/308/
920	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	Concept of controllability and observability, Pole placement by state feedback	https://erp.skit.ac.in/vlectures/gyandan/98/309/
921	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	State Space model of linear discrete time systems	https://erp.skit.ac.in/vlectures/gyandan/98/310/
922	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	Stability Analysis of discrete time systems	https://erp.skit.ac.in/vlectures/gyandan/98/311/
923	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Non Linear Part_I	https://erp.skit.ac.in/vlectures/gyandan/98/312/
924	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Non Linear Part_II	https://erp.skit.ac.in/vlectures/gyandan/98/313/
925	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Performance Indices	https://erp.skit.ac.in/vlectures/gyandan/98/314/
926	Tarun Naruka	Electrical Engg.	5EE4-03	Control System	Tracking & Regulator	https://erp.skit.ac.in/vlectures/gyandan/98/315/
927	Ajay Bhardwaj	Electrical Engg.	5EE4-03	Control System	Correlation between time and frequency response and closed loop frequency response	https://erp.skit.ac.in/vlectures/gyandan/98/316/
928	Rammurti Meena	Electrical Engg.	5EE4-03	Control System	Concept of controllability and observability, Pole placement by state feedback	https://erp.skit.ac.in/vlectures/gyandan/98/598/
929	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	About Course	https://erp.skit.ac.in/vlectures/gyandan/495/429/
930	Kavita Jain	Electrical Engg.	5EE4-04	Microprocessor	Objective, Scope, Outcomes of The Course, Fundamentals Of Microprocessor	https://erp.skit.ac.in/vlectures/gyandan/495/430/
931	Kavita Jain	Electrical Engg.	5EE4-04	Microprocessor	8-Bit Microprocessor (8085) Architecture.	https://erp.skit.ac.in/vlectures/gyandan/495/431/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
932	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	Types of ROM, Comparison of Various Microcontrollers and Overview of The 8051 Family.	https://erp.skit.ac.in/vlectures/gyandan/495/432/
933	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	Pin diagram of 8085, Introduction of 8-Bit Microcontroller (8051) and Embedded System	https://erp.skit.ac.in/vlectures/gyandan/495/433/
934	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	Architecture and Pin Diagram of 8-Bit Microcontroller (8051)	https://erp.skit.ac.in/vlectures/gyandan/495/434/
935	Rammurti Meena	Electrical Engg.	5EE4-04	Microprocessor	I/O Ports, Memory Structures, Data and Program Memory	https://erp.skit.ac.in/vlectures/gyandan/495/435/
936	Deepti Arela	Electrical Engg.	5EE4-04	Microprocessor	Timing Diagrams and Execution Cycles.Timing Diagrams and Execution Cycles.	https://erp.skit.ac.in/vlectures/gyandan/495/436/
937	Deepti Arela	Electrical Engg.	5EE4-04	Microprocessor	Addressing Modes Of 8051	https://erp.skit.ac.in/vlectures/gyandan/495/437/
938	Deepti Arela	Electrical Engg.	5EE4-04	Microprocessor	8051 Instruction Set Part I	https://erp.skit.ac.in/vlectures/gyandan/495/438/
939	Deepti Arela	Electrical Engg.	5EE4-04	Microprocessor	8051 Instruction Set Part II	https://erp.skit.ac.in/vlectures/gyandan/495/439/
940	Deepti Arela	Electrical Engg.	5EE4-04	Microprocessor	Assembly Language Programs and C Language Programs	https://erp.skit.ac.in/vlectures/gyandan/495/440/
941	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	Control Signals, Memory Wait States, Memory Address Decoding and Interfacing With Memory Devices.	https://erp.skit.ac.in/vlectures/gyandan/495/441/
942	Rammurti Meena	Electrical Engg.	5EE4-04	Microprocessor	Interfacing of ADC, DAC and Sensors	https://erp.skit.ac.in/vlectures/gyandan/495/442/
943	Rammurti Meena	Electrical Engg.	5EE4-04	Microprocessor	8051 Microcontroller Timers and Counters	https://erp.skit.ac.in/vlectures/gyandan/495/443/
944	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	Synchronous and Asynchronous Communication & RS232	https://erp.skit.ac.in/vlectures/gyandan/495/444/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
945	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	SPI And I2C	https://erp.skit.ac.in/vlectures/gyandan/495/445/
946	Manish Kumar Navlakha	Electrical Engg.	5EE4-04	Microprocessor	Interfacing To Protocols Like Blue-Tooth and Zig-Bee	https://erp.skit.ac.in/vlectures/gyandan/495/446/
947	Rammurti Meena	Electrical Engg.	5EE4-04	Microprocessor	Applications: LED, LCD and Keyboard Interfacing	https://erp.skit.ac.in/vlectures/gyandan/495/447/
948	Rammurti Meena	Electrical Engg.	5EE4-04	Microprocessor	8051 Interfacing with Stepper Motor and DC Motor.	https://erp.skit.ac.in/vlectures/gyandan/495/448/
949	Avadhesh Kumar Sharma	Electrical Engg.	5EE4-05	Electrical Machine Design	Introduction , Transformer Construction, Working, Sizing of a transformer Main Dimensions	https://erp.skit.ac.in/vlectures/gyandan/99/361/
950	Avadhesh Kumar Sharma	Electrical Engg.	5EE4-05	Electrical Machine Design	Design of Core and Yoke, KVA output for single- and three-phase transformers, window space factor	https://erp.skit.ac.in/vlectures/gyandan/99/362/
951	Avadhesh Kumar Sharma	Electrical Engg.	5EE4-05	Electrical Machine Design	Expression for Volt Per Turn, Design of Winding, Problem,Operating characteristics Regulation, No load current	https://erp.skit.ac.in/vlectures/gyandan/99/363/
952	Avadhesh Kumar Sharma	Electrical Engg.	5EE4-05	Electrical Machine Design	Temperature rise in transformers, Methods of cooling of Transformers, Operating characteristics, Problem,Temperature rise in transformers (all machine)	https://erp.skit.ac.in/vlectures/gyandan/99/364/
953	Garvit Kumar Gupta	Electrical Engg.	5EE4-05	Electrical Machine Design	Introduction Sizing of IM and Main dimensions	https://erp.skit.ac.in/vlectures/gyandan/99/365/
954	Garvit Kumar Gupta	Electrical Engg.	5EE4-05	Electrical Machine Design	Length of Air Gap and Rules of selecting rotor	https://erp.skit.ac.in/vlectures/gyandan/99/366/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
955	Garvit Kumar Gupta	Electrical Engg.	5EE4-05	Electrical Machine Design	Numricalâ€™s related to above topic,Design of rotor bar and slots	https://erp.skit.ac.in/vlectures/gyandan/99/367/
956	Garvit Kumar Gupta	Electrical Engg.	5EE4-05	Electrical Machine Design	Design of wound rotor and magnetizing current, SC current	https://erp.skit.ac.in/vlectures/gyandan/99/368/
957	Garvit Kumar Gupta	Electrical Engg.	5EE4-05	Electrical Machine Design	Operating characteristic and Problems related to design stator, rotor	https://erp.skit.ac.in/vlectures/gyandan/99/369/
958	Garvit Kumar Gupta	Electrical Engg.	5EE4-05	Electrical Machine Design	Major consideration in electrical machine design, material space factor electrical and magnetic loading.	https://erp.skit.ac.in/vlectures/gyandan/99/370/
959	Arun Kumar Nayak	Electrical Engg.	5EE4-05	Electrical Machine Design	Sizing of a synchronous machine, main dimensions, design of salient pole machines, Problems on salient pole machines	https://erp.skit.ac.in/vlectures/gyandan/99/371/
960	Arun Kumar Nayak	Electrical Engg.	5EE4-05	Electrical Machine Design	short circuit ratio, shape of pole face, Problems on shape of pole face.	https://erp.skit.ac.in/vlectures/gyandan/99/372/
961	Arun Kumar Nayak	Electrical Engg.	5EE4-05	Electrical Machine Design	Armature design, armature parameters, estimation of air gap length, design of turbo alternators, rotor design. Full load field mmf	https://erp.skit.ac.in/vlectures/gyandan/99/373/
962	Bharat Modi	Electrical Engg.	5EE4-05	Electrical Machine Design	Limitations (assumptions) of traditional designs need for CAD analysis,synthesis and hybrid methods design	https://erp.skit.ac.in/vlectures/gyandan/99/374/
963	Bharat Modi	Electrical Engg.	5EE4-05	Electrical Machine Design	Problem formulation Introduction to FEM based machine design optimization methods, variables,	https://erp.skit.ac.in/vlectures/gyandan/99/375/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
964	Bharat Modi	Electrical Engg.	5EE4-05	Electrical Machine Design	Introduction to complex structures of modern machines constraints and objective function	https://erp.skit.ac.in/vlectures/gyandan/99/376/
965	Bharat Modi	Electrical Engg.	5EE4-05	Electrical Machine Design	PMSMs, BLDCs, SRM and claw-pole machines.	https://erp.skit.ac.in/vlectures/gyandan/99/377/
966	Suman Sharma	Electrical Engg.	5EE5-11	Restructured Power System	Introduction to Deregulation	https://erp.skit.ac.in/vlectures/gyandan/100/347/
967	Suman Sharma	Electrical Engg.	5EE5-11	Restructured Power System	Restructuring of electricity supply industry	https://erp.skit.ac.in/vlectures/gyandan/100/348/
968	Suman Sharma	Electrical Engg.	5EE5-11	Restructured Power System	Real Time Market (RTM) in India System Operators Perspective:	https://erp.skit.ac.in/vlectures/gyandan/100/349/
969	Suman Sharma	Electrical Engg.	5EE5-11	Restructured Power System	Deregulation of Electric Supply Industry: Necessity, Evolvement and Overview	https://erp.skit.ac.in/vlectures/gyandan/100/350/
970	Suman Sharma	Electrical Engg.	5EE5-11	Restructured Power System	Network pricing	https://erp.skit.ac.in/vlectures/gyandan/100/351/
971	Jitendra Singh	Electrical Engg.	5EE5-11	Restructured Power System	Philosophy of Market Models	https://erp.skit.ac.in/vlectures/gyandan/100/352/
972	Jitendra Singh	Electrical Engg.	5EE5-11	Restructured Power System	Features of Electricity as a commodity	https://erp.skit.ac.in/vlectures/gyandan/100/353/
973	Pooja Jain	Electrical Engg.	5EE5-11	Restructured Power System	Introduction to Congestion Management	https://erp.skit.ac.in/vlectures/gyandan/100/354/
974	Pooja Jain	Electrical Engg.	5EE5-11	Restructured Power System	ATC Calculation:Part-1	https://erp.skit.ac.in/vlectures/gyandan/100/355/
975	Pooja Jain	Electrical Engg.	5EE5-11	Restructured Power System	ATC Calculation:Part-2	https://erp.skit.ac.in/vlectures/gyandan/100/356/
976	Pooja Jain	Electrical Engg.	5EE5-11	Restructured Power System	Ancillary Services Management	https://erp.skit.ac.in/vlectures/gyandan/100/357/
977	Kavita Jain	Electrical Engg.	5EE5-11	Restructured Power System	Introduction to transmission pricing	https://erp.skit.ac.in/vlectures/gyandan/100/358/

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978	Kavita Jain	Electrical Engg.	5EE5-11	Restructured Power System	Rolled-in transmission pricing methods	https://erp.skit.ac.in/vlectures/gyandan/100/359/
979	Kavita Jain	Electrical Engg.	5EE5-11	Restructured Power System	Indices to Access Market power	https://erp.skit.ac.in/vlectures/gyandan/100/360/
980	Vivek Sharma	Electrical Engg.	7EE5-12	Power Quality and Facts	Transmission Lines and Series/Shunt Reactive Power Compensation Part-1	https://erp.skit.ac.in/vlectures/gyandan/126/770/
981	Vivek Sharma	Electrical Engg.	7EE5-12	Power Quality and Facts	Transmission Lines and Series/Shunt Reactive Power Compensation Part-2	https://erp.skit.ac.in/vlectures/gyandan/126/771/
982	Vivek Sharma	Electrical Engg.	7EE5-12	Power Quality and Facts	Transmission Lines and Series/Shunt Reactive Power Compensation Part-3	https://erp.skit.ac.in/vlectures/gyandan/126/772/
983	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	Description and Characteristics of Thyristor based AC transmission controllers- SVC, TCSC	https://erp.skit.ac.in/vlectures/gyandan/126/773/
984	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	Switch Operation and Realization	https://erp.skit.ac.in/vlectures/gyandan/126/774/
985	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	TCBR- Thyristor controlled braking resistor	https://erp.skit.ac.in/vlectures/gyandan/126/775/
986	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	Fault Current Limiters	https://erp.skit.ac.in/vlectures/gyandan/126/776/
987	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	Voltage Sourced Converters (VSC), Six Pulse VSC, Multi-pulse, Multi-level Converters	https://erp.skit.ac.in/vlectures/gyandan/126/777/
988	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	Pulse-Width Modulation for VSCs, Selective Harmonic Elimination, Sinusoidal PWM and Space Vector Modulation	https://erp.skit.ac.in/vlectures/gyandan/126/778/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
989	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	STATCOM: Principle of Operation, Reactive Power Control: Type I and Type II controllers, Static Synchronous Series Compensator (SSSC), Uniï¬ed Power Flow Controller (UPFC): Principle of Operation and Control, Working principle of Interphase Power Flow Controller.	https://erp.skit.ac.in/vlectures/gyandan/126/779/
990	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	GTO Controlled Series Compensator.	https://erp.skit.ac.in/vlectures/gyandan/126/780/
991	Smriti Jain	Electrical Engg.	7EE5-12	Power Quality and Facts	Application of FACTS devices for power-flow control and stability improvement, Simulation example of power swing damping in a single-machine infinite bus system using a TCSC, Simulation example of voltage regulation of transmission mid-point voltage using a STATCOM	https://erp.skit.ac.in/vlectures/gyandan/126/781/
992	Gaurav Kansal	Electrical Engg.	7EE5-12	Power Quality and Facts	Power Quality Problems in Distribution System Part-1	https://erp.skit.ac.in/vlectures/gyandan/126/782/
993	Gaurav Kansal	Electrical Engg.	7EE5-12	Power Quality and Facts	Power Quality Problems in Distribution System Part-2	https://erp.skit.ac.in/vlectures/gyandan/126/783/
994	Akash Saxena	Electrical Engg.	7EE5-12	Power Quality and Facts	Introduction to Custom power devices, Distributed static compensator (DSATCOM)	https://erp.skit.ac.in/vlectures/gyandan/126/784/
995	Akash Saxena	Electrical Engg.	7EE5-12	Power Quality and Facts	DSTATCOM control algorithms: Extraction of Synchronous Reference Currents	https://erp.skit.ac.in/vlectures/gyandan/126/785/
996	Akash Saxena	Electrical Engg.	7EE5-12	Power Quality and Facts	Dynamic voltage restorer: topologies, principle of operation, modes and control algorithms	https://erp.skit.ac.in/vlectures/gyandan/126/786/
997	Akash Saxena	Electrical Engg.	7EE5-12	Power Quality and Facts	Unified power quality conditioner: topologies, principle of operation, modes and control algorithms	https://erp.skit.ac.in/vlectures/gyandan/126/787/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
998	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Introductory lecture: Objective, scope and outcome of the course.	https://erp.skit.ac.in/vlectures/gyandan/365/880/
999	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	R-base Number System like Binary, Octal & hexa-decimal, their inter-conversion and arithmetic operations, complements	https://erp.skit.ac.in/vlectures/gyandan/365/881/
1000	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Sign and magnitude representation, binary arithmetic using complement notation, Binary codes and their interconversion	https://erp.skit.ac.in/vlectures/gyandan/365/882/
1001	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Basic and Derived logic gates, Their logic diagrams and truth tables, Logic diagrams from Boolean expressions and vice-versa, Converting logic diagrams to universal logic gate (NAND & NOR).	https://erp.skit.ac.in/vlectures/gyandan/365/883/
1002	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Features, Postulates and, Theorems of Boolean algebra and Logic Simplification using Boolean algebra	https://erp.skit.ac.in/vlectures/gyandan/365/884/
1003	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Canonical (Sum of min-terms & product of Maxterms) and Standards (SOP and POS) forms and their interconversion, KMAP Stating and upto 20variable k-map	https://erp.skit.ac.in/vlectures/gyandan/365/885/
1004	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Logic Simplification using K-maps (SOP) (Karnaugh) 3,4 variables. Incomplete specified functions and their simplification using K-map	https://erp.skit.ac.in/vlectures/gyandan/365/886/
1005	Neeraj Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Logic Simplification using K-maps (POS) (Karnaugh) up to 6-Variables,	https://erp.skit.ac.in/vlectures/gyandan/365/887/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1006	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Introduction to Combinational Circuits and its design procedure, Half and Full Adders	https://erp.skit.ac.in/vlectures/gyandan/365/888/
1007	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Half subtractor, Full subtractor	https://erp.skit.ac.in/vlectures/gyandan/365/889/
1008	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Serial and Parallel Adders, BCD Adder	https://erp.skit.ac.in/vlectures/gyandan/365/890/
1009	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Multiplexers, Demultiplexer	https://erp.skit.ac.in/vlectures/gyandan/365/891/
1010	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Encoder, Decoder	https://erp.skit.ac.in/vlectures/gyandan/365/892/
1011	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	BCD to 7-segment, Driver & Multiplexed Display, Comparators	https://erp.skit.ac.in/vlectures/gyandan/365/893/
1012	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Barrel shifter and ALU	https://erp.skit.ac.in/vlectures/gyandan/365/894/
1013	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Introduction to sequential logic circuits, S/R, D & J/K Latches: Logic diagram, Truth Table, Characteristics Equation	https://erp.skit.ac.in/vlectures/gyandan/365/895/
1014	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Latches Vs Flip-flops, Level Vs Edge triggering, S/R, D, J/K &T Flip flops: Logic diagram, Truth Table, Characteristics Equation, Master Slave Concept, Conversions of flip-flops	https://erp.skit.ac.in/vlectures/gyandan/365/896/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1015	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Registers: Buffer (PIPO) register, Shift (SISO, SIPO, PISO) register	https://erp.skit.ac.in/vlectures/gyandan/365/897/
1016	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Basic concept of Counters, Synchronous Vs Asynchronous counter, Ripple (Asynchronous) counter, Modulus counter	https://erp.skit.ac.in/vlectures/gyandan/365/898/
1017	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Synchronous Counter design, Skipping state counter	https://erp.skit.ac.in/vlectures/gyandan/365/899/
1018	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Finite State Machines (FSM): Concept of Mealy and Moore FSM and Designing steps of Synchronous FSM with the help of sequence detector	https://erp.skit.ac.in/vlectures/gyandan/365/900/
1019	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	FSM Design examples, Algorithmic State Machines (ASM) charts	https://erp.skit.ac.in/vlectures/gyandan/365/901/
1020	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Designing of synchronous circuits like Pulse train generator, Pseudo Random Binary Sequence generator, Clock generation	https://erp.skit.ac.in/vlectures/gyandan/365/902/
1021	Rahul Pandey	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Characteristics of TTL logic gate Families: Speed, Power Dissipation. Area, Noise Margin, Fan-in & Fan-out	https://erp.skit.ac.in/vlectures/gyandan/365/903/
1022	Rahul Pandey	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Theory & operation of TTL NAND gate circuitry, Open collector TTL	https://erp.skit.ac.in/vlectures/gyandan/365/904/
1023	Rahul Pandey	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Tristate output logic, TTL subfamilies	https://erp.skit.ac.in/vlectures/gyandan/365/905/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1024	Rahul Pandey	Electronics and Comm. Engg.	3EC4-04	Digital System Design	CMOS logic families and their interfacing	https://erp.skit.ac.in/vlectures/gyandan/365/906/
1025	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Memory Elements	https://erp.skit.ac.in/vlectures/gyandan/365/907/
1026	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Programmable logic devices (PLDs) and Logic implementation using PLDs	https://erp.skit.ac.in/vlectures/gyandan/365/908/
1027	Vikas Pathak	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Concept of Programmable logic devices like FPGA.	https://erp.skit.ac.in/vlectures/gyandan/365/909/
1028	Pooja Choudhary	Electronics and Comm. Engg.	3EC4-04	Digital System Design	VLSI Design Flow	https://erp.skit.ac.in/vlectures/gyandan/365/910/
1029	Mamta Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Basic concepts and importance of HDLs like VHDL	https://erp.skit.ac.in/vlectures/gyandan/365/911/
1030	Mamta Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Data types and objects of VHDL	https://erp.skit.ac.in/vlectures/gyandan/365/912/
1031	Mamta Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Different modeling styles like Dataflow, Behavioral and Structural Modeling in VHDL	https://erp.skit.ac.in/vlectures/gyandan/365/913/
1032	Mamta Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	Synthesis and Simulation of various VHDL constructs: Concurrent and sequential statements	https://erp.skit.ac.in/vlectures/gyandan/365/914/
1033	Mamta Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	VHDL codes for Combinational	https://erp.skit.ac.in/vlectures/gyandan/365/915/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1034	Mamta Jain	Electronics and Comm. Engg.	3EC4-04	Digital System Design	VHDL codes for sequential circuits	https://erp.skit.ac.in/vlectures/gyandan/365/916/
1035	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Introduction: Scheme, Syllabus , Outcome, Importance of the subject	https://erp.skit.ac.in/vlectures/gyandan/366/190/
1036	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Signal and Basic Signals	https://erp.skit.ac.in/vlectures/gyandan/366/191/
1037	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Operations on Signal	https://erp.skit.ac.in/vlectures/gyandan/366/192/
1038	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Energy and power signals, continuous and discrete time signals,	https://erp.skit.ac.in/vlectures/gyandan/366/193/
1039	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Periodic Nonperiodic signals even and odd Signals	https://erp.skit.ac.in/vlectures/gyandan/366/194/
1040	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	System and System properties: Memory, causality, stability	https://erp.skit.ac.in/vlectures/gyandan/366/195/
1041	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	System properties: linearity: additivity and homogeneity, shift-invariance	https://erp.skit.ac.in/vlectures/gyandan/366/196/
1042	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Linear Time-invariant (LTI) systems, and Convolution Integral	https://erp.skit.ac.in/vlectures/gyandan/366/197/
1043	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Convolution Sum	https://erp.skit.ac.in/vlectures/gyandan/366/198/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1044	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Examples on Convolution	https://erp.skit.ac.in/vlectures/gyandan/366/199/
1045	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Properties of LTI system	https://erp.skit.ac.in/vlectures/gyandan/366/200/
1046	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Examples on LTI system properties and Unit step response of LTI System	https://erp.skit.ac.in/vlectures/gyandan/366/201/
1047	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	System Representation through differential equation and difference equation	https://erp.skit.ac.in/vlectures/gyandan/366/202/
1048	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Continuous time fourier series	https://erp.skit.ac.in/vlectures/gyandan/366/203/
1049	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Properties of Continuous time Fourier series,Response LTI system to periodic input	https://erp.skit.ac.in/vlectures/gyandan/366/204/
1050	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Continuous time Fourier Transform	https://erp.skit.ac.in/vlectures/gyandan/366/205/
1051	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Properties of Continuous time Fourier transform,Response LTI system to	https://erp.skit.ac.in/vlectures/gyandan/366/206/
1052	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Discrete time fourier series	https://erp.skit.ac.in/vlectures/gyandan/366/207/
1053	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Discrete time fourier transform	https://erp.skit.ac.in/vlectures/gyandan/366/208/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1054	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Discrete fourier transform & Signal space	https://erp.skit.ac.in/vlectures/gyandan/366/209/
1055	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	The Laplace Transform	https://erp.skit.ac.in/vlectures/gyandan/366/210/
1056	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Properties of ROC and Laplace Transform	https://erp.skit.ac.in/vlectures/gyandan/366/211/
1057	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Inverse Laplace Transform and Analysis of LTI systems	https://erp.skit.ac.in/vlectures/gyandan/366/212/
1058	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Unilaterala Laplace Transform and its Properties	https://erp.skit.ac.in/vlectures/gyandan/366/213/
1059	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Solution of linear constant of coefficient Differential equation and eigen function and eigen value of LTI system	https://erp.skit.ac.in/vlectures/gyandan/366/214/
1060	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Z-Transform	https://erp.skit.ac.in/vlectures/gyandan/366/215/
1061	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Z-Transform	https://erp.skit.ac.in/vlectures/gyandan/366/216/
1062	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Z-Transform	https://erp.skit.ac.in/vlectures/gyandan/366/217/
1063	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Properties of Z-Transform	https://erp.skit.ac.in/vlectures/gyandan/366/218/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1064	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Inverse Z-Transform	https://erp.skit.ac.in/vlectures/gyandan/366/219/
1065	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	State space Representation of systems	https://erp.skit.ac.in/vlectures/gyandan/366/220/
1066	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	State space Representation of systems	https://erp.skit.ac.in/vlectures/gyandan/366/221/
1067	Ravi Kumar Jangir	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Sampling and Sampling Theorem	https://erp.skit.ac.in/vlectures/gyandan/366/222/
1068	Rukhsar Zafar	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Sampling (Aliasing and related examples	https://erp.skit.ac.in/vlectures/gyandan/366/223/
1069	Rajni Idiwal	Electronics and Comm. Engg.	3EC4-05	Signal & Systems	Sampling Techniques & Interpolation	https://erp.skit.ac.in/vlectures/gyandan/366/224/
1070	Harshal Nigam	Electronics and Comm. Engg.	3EC4-06	Network Theory	Introduction: Objective, scope and outcome of the course.	https://erp.skit.ac.in/vlectures/gyandan/367/1771/
1071	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Basics of NT AND KVL and KCL	https://erp.skit.ac.in/vlectures/gyandan/367/1772/
1072	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Mesh and nodel analysis	https://erp.skit.ac.in/vlectures/gyandan/367/1773/
1073	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Super mesh& Super node	https://erp.skit.ac.in/vlectures/gyandan/367/1774/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1074	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Source transformation and duality	https://erp.skit.ac.in/vlectures/gyandan/367/1775/
1075	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Superposition theorem	https://erp.skit.ac.in/vlectures/gyandan/367/1776/
1076	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Thevenin's theorem	https://erp.skit.ac.in/vlectures/gyandan/367/1777/
1077	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Norton's theorem	https://erp.skit.ac.in/vlectures/gyandan/367/1778/
1078	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Maximum power Transfertheorem	https://erp.skit.ac.in/vlectures/gyandan/367/1779/
1079	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Reciprocity theorem	https://erp.skit.ac.in/vlectures/gyandan/367/1780/
1080	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Tallegen's theorem as applied to AC. Circuits theorem	https://erp.skit.ac.in/vlectures/gyandan/367/1781/
1081	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Compensationtheorem	https://erp.skit.ac.in/vlectures/gyandan/367/1782/
1082	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Fourier Series and Drichlets conditions	https://erp.skit.ac.in/vlectures/gyandan/367/1783/
1083	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Trigonometric Fourier series	https://erp.skit.ac.in/vlectures/gyandan/367/1784/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1084	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Exponential Fourier series	https://erp.skit.ac.in/vlectures/gyandan/367/1785/
1085	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Steady state response of a network to nonsinusoidal periodic inputs,power factor, effective values	https://erp.skit.ac.in/vlectures/gyandan/367/1786/
1086	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Fourier transform and continuous spectra	https://erp.skit.ac.in/vlectures/gyandan/367/1787/
1087	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-06	Network Theory	Fourier transform and continuous spectra: Numericals	https://erp.skit.ac.in/vlectures/gyandan/367/1788/
1088	Harshal Nigam	Electronics and Comm. Engg.	3EC4-06	Network Theory	Three phase balanced and unbalanced circuit and power calculation.	https://erp.skit.ac.in/vlectures/gyandan/367/1789/
1089	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms	https://erp.skit.ac.in/vlectures/gyandan/367/1790/
1090	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms Cont..	https://erp.skit.ac.in/vlectures/gyandan/367/1791/
1091	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms Cont..	https://erp.skit.ac.in/vlectures/gyandan/367/1792/
1092	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms Cont..	https://erp.skit.ac.in/vlectures/gyandan/367/1793/
1093	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms Cont..	https://erp.skit.ac.in/vlectures/gyandan/367/1794/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1094	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms Cont..	https://erp.skit.ac.in/vlectures/gyandan/367/1795/
1095	Ankit Agarwal	Electronics and Comm. Engg.	3EC4-06	Network Theory	Laplace transforms Cont..	https://erp.skit.ac.in/vlectures/gyandan/367/1796/
1096	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Transient behavior	https://erp.skit.ac.in/vlectures/gyandan/367/1797/
1097	Sunil Lakhawat	Electronics and Comm. Engg.	3EC4-06	Network Theory	Transient behavior,concept of complex frequency	https://erp.skit.ac.in/vlectures/gyandan/367/1798/
1098	Harshal Nigam	Electronics and Comm. Engg.	3EC4-06	Network Theory	Driving points and transfer functions poles and zeros of immittance function, Immittance function properties	https://erp.skit.ac.in/vlectures/gyandan/367/1799/
1099	Harshal Nigam	Electronics and Comm. Engg.	3EC4-06	Network Theory	Z and Y two port network	https://erp.skit.ac.in/vlectures/gyandan/367/1800/
1100	Harshal Nigam	Electronics and Comm. Engg.	3EC4-06	Network Theory	H and ABCD two port network	https://erp.skit.ac.in/vlectures/gyandan/367/1801/
1101	Harshal Nigam	Electronics and Comm. Engg.	3EC4-06	Network Theory	Two four port network and interconnections:	https://erp.skit.ac.in/vlectures/gyandan/367/1802/
1102	Vikas Pathak	Electronics and Comm. Engg.	3EC4-06	Network Theory	Behaviors of series resonant circuits and parallel resonant circuits	https://erp.skit.ac.in/vlectures/gyandan/367/1803/
1103	Vikas Pathak	Electronics and Comm. Engg.	3EC4-06	Network Theory	Introduction to low pass, high pass filters	https://erp.skit.ac.in/vlectures/gyandan/367/1804/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1104	Vikas Pathak	Electronics and Comm. Engg.	3EC4-06	Network Theory	Introduction to band pass and band reject filter	https://erp.skit.ac.in/vlectures/gyandan/367/1805/
1105	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Introductory lecture	https://erp.skit.ac.in/vlectures/gyandan/368/788/
1106	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Introduction to semiconductors, Energy band gap structures of semiconductors	https://erp.skit.ac.in/vlectures/gyandan/368/789/
1107	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Classifications of semiconductors, Degenerate and non-degenerate semiconductors, Direct and indirect band gap semiconductors,	https://erp.skit.ac.in/vlectures/gyandan/368/790/
1108	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Mass action law, Charge density in a semiconductor Conductivity of Semiconductor	https://erp.skit.ac.in/vlectures/gyandan/368/791/
1109	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Hall Effect, Electronic properties of Silicon, Germanium, Compound Semiconductor, Gallium Arsenide, Gallium phosphide & Silicon carbide	https://erp.skit.ac.in/vlectures/gyandan/368/792/
1110	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Variation of resistance and band gap with temperature and doping. Variation of semiconductor conductivity with temperature and doping, Thermistors , Sensistors	https://erp.skit.ac.in/vlectures/gyandan/368/793/
1111	Praveen Kumar Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Review of Quantum Mechanics, Electrons in periodic Lattices, E-k diagrams, Energy bands in intrinsic and extrinsic silicon	https://erp.skit.ac.in/vlectures/gyandan/368/794/
1112	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Energy band structure of intrinsic and extrinsic semiconductor, mobility, conductivity	https://erp.skit.ac.in/vlectures/gyandan/368/795/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1113	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Resistivity, drift and diffusion current, Einstein relationship	https://erp.skit.ac.in/vlectures/gyandan/368/796/
1114	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Sheet resistance, Various resistors	https://erp.skit.ac.in/vlectures/gyandan/368/797/
1115	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Generation and recombination of carriers, Poisson and continuity equation	https://erp.skit.ac.in/vlectures/gyandan/368/798/
1116	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Barrier Formation in P-N Junction Diode, Contact potential, P-N junction characteristics	https://erp.skit.ac.in/vlectures/gyandan/368/799/
1117	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Load line concept, Small signal switching models	https://erp.skit.ac.in/vlectures/gyandan/368/800/
1118	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Zener diode,I-V characteristics, Avalanche breakdown and Zener Breakdown	https://erp.skit.ac.in/vlectures/gyandan/368/801/
1119	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Zener Circuits and Numerical Problems	https://erp.skit.ac.in/vlectures/gyandan/368/802/
1120	Abhinandan Jain	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Schottky diode	https://erp.skit.ac.in/vlectures/gyandan/368/803/
1121	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Clippers and clampers	https://erp.skit.ac.in/vlectures/gyandan/368/804/
1122	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Basics of Bipolar Junction Transistor, Transistor Current Components, Working of NPN& PNP transistor	https://erp.skit.ac.in/vlectures/gyandan/368/805/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1123	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	BJT - Common Base Configuration	https://erp.skit.ac.in/vlectures/gyandan/368/806/
1124	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	BJT - Common Emitter and Common Collector Configuration	https://erp.skit.ac.in/vlectures/gyandan/368/807/
1125	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Ebers-Moll Model,Thermal Runaway, Thermal Stability & Thermal Resistance,	https://erp.skit.ac.in/vlectures/gyandan/368/808/
1126	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Basics of FET and MOSFET, Types of MOSFET, I-V characteristics of MOSFET(Depletion), working of P and N-channel Depletion MOSFET	https://erp.skit.ac.in/vlectures/gyandan/368/809/
1127	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	I-V characteristics of MOSFET(Enhancement), working of P and N-channel Enhancement MOSFET	https://erp.skit.ac.in/vlectures/gyandan/368/810/
1128	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	MOS capacitor , C-V characteristics	https://erp.skit.ac.in/vlectures/gyandan/368/811/
1129	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Small signal models of MOS transistor, body effect	https://erp.skit.ac.in/vlectures/gyandan/368/812/
1130	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Light Emitting Diode, Photo diode	https://erp.skit.ac.in/vlectures/gyandan/368/813/
1131	Kiran Rathi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Solar Cell	https://erp.skit.ac.in/vlectures/gyandan/368/814/
1132	Pooja Choudhary	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Integrated circuit fabrication process: oxidation	https://erp.skit.ac.in/vlectures/gyandan/368/815/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1133	Pooja Choudhary	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Diffusion	https://erp.skit.ac.in/vlectures/gyandan/368/816/
1134	Pooja Choudhary	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Ion implantation	https://erp.skit.ac.in/vlectures/gyandan/368/817/
1135	Pooja Choudhary	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Photo lithography , Etching	https://erp.skit.ac.in/vlectures/gyandan/368/818/
1136	Pooja Choudhary	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Chemical vapor deposition	https://erp.skit.ac.in/vlectures/gyandan/368/819/
1137	Namrata Joshi	Electronics and Comm. Engg.	3EC4-07	Electronics Devices	Sputtering, Twin-tub CMOS process	https://erp.skit.ac.in/vlectures/gyandan/368/820/
1138	Suman Sharma	Electronics and Comm. Engg.	3EE4-07	Electrical Machine-I	Single phase transformers	https://erp.skit.ac.in/vlectures/gyandan/68/378/
1139	Suman Sharma	Electronics and Comm. Engg.	3EE4-07	Electrical Machine-I	Auto-transformers and Three-phase transformers	https://erp.skit.ac.in/vlectures/gyandan/68/379/
1140	Suman Sharma	Electronics and Comm. Engg.	3EE4-07	Electrical Machine-I	Numerical Problems	https://erp.skit.ac.in/vlectures/gyandan/68/380/
1141	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Introductory lecture	https://erp.skit.ac.in/vlectures/gyandan/397/917/
1142	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Definitionn, Basic Structure of Computers, Computer Registers, Classification of architecture, Softwares	https://erp.skit.ac.in/vlectures/gyandan/397/918/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1143	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Parallel Processing, Computer Instruction,Instruction formats	https://erp.skit.ac.in/vlectures/gyandan/397/919/
1144	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Instruction types, Addressing Modes	https://erp.skit.ac.in/vlectures/gyandan/397/920/
1145	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Assembly language, Assembler, First pass of two pass assembler	https://erp.skit.ac.in/vlectures/gyandan/397/921/
1146	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Second pass of two pass assembler	https://erp.skit.ac.in/vlectures/gyandan/397/922/
1147	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Stack, Queue, subroutine	https://erp.skit.ac.in/vlectures/gyandan/397/923/
1148	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Introduction, Information Representation, block diagram of addition and subtraction for signed magnitude data	https://erp.skit.ac.in/vlectures/gyandan/397/924/
1149	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Example on Addition and subtarction algorithm for signed magnitude and Algorithm for sign 2's complement data	https://erp.skit.ac.in/vlectures/gyandan/397/925/
1150	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Multiplication algorithm for signed magnitude data	https://erp.skit.ac.in/vlectures/gyandan/397/926/
1151	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Multiplication algorithm for signed 2's complement data	https://erp.skit.ac.in/vlectures/gyandan/397/927/
1152	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Multiplication algorithm for Array Multiplier	https://erp.skit.ac.in/vlectures/gyandan/397/928/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1153	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Division algorithm for signed magnitude data	https://erp.skit.ac.in/vlectures/gyandan/397/929/
1154	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Floating Point Representation,IEEE 754 Floating Points formats,	https://erp.skit.ac.in/vlectures/gyandan/397/930/
1155	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Floating point addition and subtraction Algorithm	https://erp.skit.ac.in/vlectures/gyandan/397/931/
1156	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Floating point Multiplication and division	https://erp.skit.ac.in/vlectures/gyandan/397/932/
1157	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Floating point division Algorithm	https://erp.skit.ac.in/vlectures/gyandan/397/933/
1158	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	BCD Adder and subtractor	https://erp.skit.ac.in/vlectures/gyandan/397/934/
1159	Vikas Pathak	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	ALU Design	https://erp.skit.ac.in/vlectures/gyandan/397/935/
1160	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Memory Organization hierarchy & Device characteristics	https://erp.skit.ac.in/vlectures/gyandan/397/936/
1161	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Interfacing of RAM and ROM	https://erp.skit.ac.in/vlectures/gyandan/397/937/
1162	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Example on Interfacing of RAM and ROM	https://erp.skit.ac.in/vlectures/gyandan/397/938/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1163	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Associative Memory	https://erp.skit.ac.in/vlectures/gyandan/397/939/
1164	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Cache Memory	https://erp.skit.ac.in/vlectures/gyandan/397/940/
1165	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Virtual Memory	https://erp.skit.ac.in/vlectures/gyandan/397/941/
1166	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Page Replacement Algorithm	https://erp.skit.ac.in/vlectures/gyandan/397/942/
1167	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	System Organization, Programmed I/O Method	https://erp.skit.ac.in/vlectures/gyandan/397/943/
1168	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Interrupt	https://erp.skit.ac.in/vlectures/gyandan/397/944/
1169	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Direct Memory Access	https://erp.skit.ac.in/vlectures/gyandan/397/945/
1170	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Standard I/O Interface	https://erp.skit.ac.in/vlectures/gyandan/397/946/
1171	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Pipelining	https://erp.skit.ac.in/vlectures/gyandan/397/947/
1172	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Interconnect Network	https://erp.skit.ac.in/vlectures/gyandan/397/948/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1173	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Unit 3: Conrol Design, Microoperation	https://erp.skit.ac.in/vlectures/gyandan/397/949/
1174	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Hardwired Control Unit and its Design Method	https://erp.skit.ac.in/vlectures/gyandan/397/950/
1175	Manju Choudhary	Electronics and Comm. Engg.	5EC3-01	Computer Architecture	Microprogrammed Control Unit and exmple of multiplier control unit	https://erp.skit.ac.in/vlectures/gyandan/397/951/
1176	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Introduction: Objective, Scope and Course Outcomes	https://erp.skit.ac.in/vlectures/gyandan/398/679/
1177	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Basics, Types , Equivalent circuit of transmission lines	https://erp.skit.ac.in/vlectures/gyandan/398/680/
1178	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Equations of Voltage and Current on Transmission lines, Propagation constant, Characteristic Impedance Reflection Coefficient and VSWR	https://erp.skit.ac.in/vlectures/gyandan/398/681/
1179	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Smith Chart-I	https://erp.skit.ac.in/vlectures/gyandan/398/682/
1180	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Smith Chart-II	https://erp.skit.ac.in/vlectures/gyandan/398/683/
1181	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Quarter Wave and Single Stub Impedance Matching using Smith Chart	https://erp.skit.ac.in/vlectures/gyandan/398/684/
1182	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Double Stub Impedance Matching using Smith Chart	https://erp.skit.ac.in/vlectures/gyandan/398/685/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1183	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Basics of Vectors, Vector calculus	https://erp.skit.ac.in/vlectures/gyandan/398/686/
1184	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Basic laws of Electromagnetics, Maxwell's Equations	https://erp.skit.ac.in/vlectures/gyandan/398/687/
1185	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Boundary conditions at Media Interface	https://erp.skit.ac.in/vlectures/gyandan/398/688/
1186	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Numerical Problem on Maxwell Equation and Boundary Condition	https://erp.skit.ac.in/vlectures/gyandan/398/689/
1187	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Uniform plane Wave Analysis	https://erp.skit.ac.in/vlectures/gyandan/398/690/
1188	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Wave Propagation in Conducting Medium	https://erp.skit.ac.in/vlectures/gyandan/398/691/
1189	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Phase and Group velocity	https://erp.skit.ac.in/vlectures/gyandan/398/692/
1190	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Power flow and Poynting vector	https://erp.skit.ac.in/vlectures/gyandan/398/693/
1191	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Surface current in a conductor, Power Loss in a conductor	https://erp.skit.ac.in/vlectures/gyandan/398/694/
1192	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Wave Polarization and Poincare's Sphere	https://erp.skit.ac.in/vlectures/gyandan/398/695/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1193	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Plane Waves at a Media Interface-Plane wave in arbitrary direction	https://erp.skit.ac.in/vlectures/gyandan/398/696/
1194	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Reflection and refraction at dielectric interface-Perpendicular Polarization	https://erp.skit.ac.in/vlectures/gyandan/398/697/
1195	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Reflection and refraction at dielectric interface-Parallel Polarization	https://erp.skit.ac.in/vlectures/gyandan/398/698/
1196	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Wave polarization at media interface	https://erp.skit.ac.in/vlectures/gyandan/398/699/
1197	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Reflection from a conducting boundary-Perpendicular Polarization	https://erp.skit.ac.in/vlectures/gyandan/398/700/
1198	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Reflection from a conducting boundary-Parallel Polarization	https://erp.skit.ac.in/vlectures/gyandan/398/701/
1199	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Waveguides: Definition, types, Wave propagation inside a waveguide	https://erp.skit.ac.in/vlectures/gyandan/398/702/
1200	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Wave propagation in parallel plate waveguide	https://erp.skit.ac.in/vlectures/gyandan/398/703/
1201	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Analysis of waveguide general approach	https://erp.skit.ac.in/vlectures/gyandan/398/704/
1202	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Rectangular waveguide	https://erp.skit.ac.in/vlectures/gyandan/398/705/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1203	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Modal propagation in rectangular waveguide	https://erp.skit.ac.in/vlectures/gyandan/398/706/
1204	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Surface currents on the waveguide walls	https://erp.skit.ac.in/vlectures/gyandan/398/707/
1205	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Field visualization,Attenuation in waveguide	https://erp.skit.ac.in/vlectures/gyandan/398/708/
1206	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Numerical Problems of waveguide	https://erp.skit.ac.in/vlectures/gyandan/398/709/
1207	Harshal Nigam	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Solution for potential function	https://erp.skit.ac.in/vlectures/gyandan/398/710/
1208	Shubhi Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Radiation from the Hertz dipole	https://erp.skit.ac.in/vlectures/gyandan/398/711/
1209	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Power radiated by hertz dipole	https://erp.skit.ac.in/vlectures/gyandan/398/712/
1210	Shubhi Jain	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Radiation Parameters of antenna	https://erp.skit.ac.in/vlectures/gyandan/398/713/
1211	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Transmitting and receiving antenna parameters	https://erp.skit.ac.in/vlectures/gyandan/398/714/
1212	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-02	Electromagnetics Waves	Monopole and Dipole antenna	https://erp.skit.ac.in/vlectures/gyandan/398/715/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1213	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Intruduction to Control System	https://erp.skit.ac.in/vlectures/gyandan/399/30/
1214	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Intruduction to Control System	https://erp.skit.ac.in/vlectures/gyandan/399/31/
1215	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Block Diagram Reduction Technique -	https://erp.skit.ac.in/vlectures/gyandan/399/32/
1216	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - signal-flow graph (SFG) Mason's gain formula	https://erp.skit.ac.in/vlectures/gyandan/399/33/
1217	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Analogous System modelling of physical Systems	https://erp.skit.ac.in/vlectures/gyandan/399/34/
1218	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Control Hardware and their Module Part-1	https://erp.skit.ac.in/vlectures/gyandan/399/35/
1219	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Control Hardware and their Module	https://erp.skit.ac.in/vlectures/gyandan/399/36/
1220	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Tutorial Session Based on Previous Year University Question	https://erp.skit.ac.in/vlectures/gyandan/399/37/
1221	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Time Response of first order system	https://erp.skit.ac.in/vlectures/gyandan/399/38/
1222	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Time Response of second order system	https://erp.skit.ac.in/vlectures/gyandan/399/39/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1223	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Transient Response Specification	https://erp.skit.ac.in/vlectures/gyandan/399/40/
1224	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Steady State Error	https://erp.skit.ac.in/vlectures/gyandan/399/41/
1225	Sunil Lakhawat	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Sunil Lakhawat - Root Locus	https://erp.skit.ac.in/vlectures/gyandan/399/42/
1226	Sunil Lakhawat	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Sunil Lakhawat - Root Locus(problems and solutions)	https://erp.skit.ac.in/vlectures/gyandan/399/43/
1227	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Tutorials and University Questions	https://erp.skit.ac.in/vlectures/gyandan/399/44/
1228	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Feedback Control System	https://erp.skit.ac.in/vlectures/gyandan/399/45/
1229	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Proportional-Integral-Derivative(PID)controller	https://erp.skit.ac.in/vlectures/gyandan/399/46/
1230	Sunil Lakhawat	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Sunil Lakhawat - Routh Hurwitz Criterion	https://erp.skit.ac.in/vlectures/gyandan/399/47/
1231	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Special cases of Routh-Hurwitz's Criterion	https://erp.skit.ac.in/vlectures/gyandan/399/48/
1232	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Tutorial Session	https://erp.skit.ac.in/vlectures/gyandan/399/49/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1233	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Bode Plot and its Factors	https://erp.skit.ac.in/vlectures/gyandan/399/50/
1234	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Finding Stability Using Bode Plot	https://erp.skit.ac.in/vlectures/gyandan/399/51/
1235	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Polar Plot	https://erp.skit.ac.in/vlectures/gyandan/399/52/
1236	Rahul Pandey	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Rahul Panday - Stability Criterion	https://erp.skit.ac.in/vlectures/gyandan/399/53/
1237	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Compensation Techniques	https://erp.skit.ac.in/vlectures/gyandan/399/54/
1238	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Frequency Domain Specification	https://erp.skit.ac.in/vlectures/gyandan/399/55/
1239	Pallav Rawal	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Pallav Rawal - Tutorials and University Questions	https://erp.skit.ac.in/vlectures/gyandan/399/56/
1240	Vikas Pathak	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Vikas Pathak - Concept of state,state variable and state model,state variable formulation and solution	https://erp.skit.ac.in/vlectures/gyandan/399/57/
1241	Vikas Pathak	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Vikas Pathak - state variable models,for LTI systems transfer function to state-space and vice-versa	https://erp.skit.ac.in/vlectures/gyandan/399/58/
1242	Vikas Pathak	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Vikas Pathak - Diagonalization of transfer function	https://erp.skit.ac.in/vlectures/gyandan/399/59/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1243	Vikas Pathak	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Vikas Pathak - Solution to State Equations	https://erp.skit.ac.in/vlectures/gyandan/399/60/
1244	Vikas Pathak	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Vikas Pathak - Concepts of Controllability & Observability	https://erp.skit.ac.in/vlectures/gyandan/399/61/
1245	Vikas Pathak	Electronics and Comm. Engg.	5EC4-03	Control System	Control System - Vikas Pathak - Tutorial and University Question Paper Solution	https://erp.skit.ac.in/vlectures/gyandan/399/62/
1246	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Introduction: Objective, Scope and Course Outcomes	https://erp.skit.ac.in/vlectures/gyandan/400/1265/
1247	Ravi Kumar Jangir	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Review to Signals and Systems	https://erp.skit.ac.in/vlectures/gyandan/400/1266/
1248	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Properties/ Attributes of Systems	https://erp.skit.ac.in/vlectures/gyandan/400/1267/
1249	Ravi Kumar Jangir	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Sampling and related Spectrum	https://erp.skit.ac.in/vlectures/gyandan/400/1268/
1250	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Aliasing and related problems	https://erp.skit.ac.in/vlectures/gyandan/400/1269/
1251	Rajni Idiwal	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Reconstruction os Sampled Signal	https://erp.skit.ac.in/vlectures/gyandan/400/1270/
1252	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Z Transform- Introduction	https://erp.skit.ac.in/vlectures/gyandan/400/1271/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1253	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Causality, Stability and Z transform	https://erp.skit.ac.in/vlectures/gyandan/400/1272/
1254	Rajni Idiwal	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Properties of Z transform	https://erp.skit.ac.in/vlectures/gyandan/400/1273/
1255	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Orthogonality	https://erp.skit.ac.in/vlectures/gyandan/400/1274/
1256	Rajni Idiwal	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	DTFT and its Properties	https://erp.skit.ac.in/vlectures/gyandan/400/1275/
1257	Rajni Idiwal	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Prpperties of DFT	https://erp.skit.ac.in/vlectures/gyandan/400/1276/
1258	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Goertzel Algorithm	https://erp.skit.ac.in/vlectures/gyandan/400/1277/
1259	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	DIT-FFT Algo	https://erp.skit.ac.in/vlectures/gyandan/400/1278/
1260	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	DIF-FFT	https://erp.skit.ac.in/vlectures/gyandan/400/1279/
1261	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Implementation of IIR Filters	https://erp.skit.ac.in/vlectures/gyandan/400/1280/
1262	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Inmplementation of FIR filters	https://erp.skit.ac.in/vlectures/gyandan/400/1281/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1263	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	FIR-Window Method	https://erp.skit.ac.in/vlectures/gyandan/400/1282/
1264	Harshal Nigam	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Park Mc Clellan filter	https://erp.skit.ac.in/vlectures/gyandan/400/1283/
1265	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	IIRFilter Designing_Butterworth filter designing	https://erp.skit.ac.in/vlectures/gyandan/400/1284/
1266	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	IIR Filters designing_Chebeyshev	https://erp.skit.ac.in/vlectures/gyandan/400/1285/
1267	Harshal Nigam	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	IIR Filter Designing_Elliptical	https://erp.skit.ac.in/vlectures/gyandan/400/1286/
1268	Monika Mathur	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	frequencyTransformation	https://erp.skit.ac.in/vlectures/gyandan/400/1287/
1269	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Multi rate sampling Introduction	https://erp.skit.ac.in/vlectures/gyandan/400/1288/
1270	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Upsampling and Donsampling	https://erp.skit.ac.in/vlectures/gyandan/400/1289/
1271	Rukhsar Zafar	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Identiies and EXample	https://erp.skit.ac.in/vlectures/gyandan/400/1290/
1272	Harshal Nigam	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Finite word length effect_1	https://erp.skit.ac.in/vlectures/gyandan/400/1291/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1273	Harshal Nigam	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Finite word length effect_2	https://erp.skit.ac.in/vlectures/gyandan/400/1292/
1274	Harshal Nigam	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Non parameteic spectral estimation	https://erp.skit.ac.in/vlectures/gyandan/400/1293/
1275	Harshal Nigam	Electronics and Comm. Engg.	5EC4-04	Digital Signal Processing	Parametric spectral estimation and Applications of DSP	https://erp.skit.ac.in/vlectures/gyandan/400/1294/
1276	Praveen Kumar Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Introduction: Objective, scope and outcome of the course.	https://erp.skit.ac.in/vlectures/gyandan/402/1500/
1277	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Introduction to Microwaves: What are Microwaves, History of Microwaves	https://erp.skit.ac.in/vlectures/gyandan/402/1501/
1278	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Frequency bands, Applications of Microwaves: Civil and Military, Medical, EMI/ EMC	https://erp.skit.ac.in/vlectures/gyandan/402/1502/
1279	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Mathematical Model of Microwave Transmission- Review of Maxwell Equations	https://erp.skit.ac.in/vlectures/gyandan/402/1503/
1280	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Concept of Modes, Features of TEM, TE and TM Modes	https://erp.skit.ac.in/vlectures/gyandan/402/1504/
1281	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Losses associated with microwave transmission, Concept of Impedance in Microwave transmission	https://erp.skit.ac.in/vlectures/gyandan/402/1505/
1282	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Transmission Lines	https://erp.skit.ac.in/vlectures/gyandan/402/1506/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1283	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Analysis of Coaxial transmission lines	https://erp.skit.ac.in/vlectures/gyandan/402/1507/
1284	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Rectangular Waveguides: Solution of wave equations in rectangular waveguide and different cases for wave propagation	https://erp.skit.ac.in/vlectures/gyandan/402/1508/
1285	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	TE mode analysis in RWG	https://erp.skit.ac.in/vlectures/gyandan/402/1509/
1286	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	TM mode analysis in RWG	https://erp.skit.ac.in/vlectures/gyandan/402/1510/
1287	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Circular waveguide: Solution of Wave equations, modes in circular waveguide	https://erp.skit.ac.in/vlectures/gyandan/402/1511/
1288	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Strip line and Microstrip line: Structure, Modes, field patterns, Characteristic impedance and design formulas	https://erp.skit.ac.in/vlectures/gyandan/402/1512/
1289	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Network Analysis: Equivalent voltages and currents for non-TEM lines	https://erp.skit.ac.in/vlectures/gyandan/402/1513/
1290	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Network parameters for Microwave circuits and S parameters	https://erp.skit.ac.in/vlectures/gyandan/402/1514/
1291	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Lossless Networks, Reciprocal networks and Matched network, Conditions for different networks , Properties of S matrix	https://erp.skit.ac.in/vlectures/gyandan/402/1515/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1292	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	S matrix of some component, Numericals	https://erp.skit.ac.in/vlectures/gyandan/402/1516/
1293	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave passive components: Directional Coupler and Power Dividers	https://erp.skit.ac.in/vlectures/gyandan/402/1517/
1294	Pallav Rawal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Magic Tee, Attenuators and Resonators	https://erp.skit.ac.in/vlectures/gyandan/402/1518/
1295	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave active components: Microwave Diodes and Transistors	https://erp.skit.ac.in/vlectures/gyandan/402/1519/
1296	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Semiconductor Devices: Gunn diodes, PIN diode	https://erp.skit.ac.in/vlectures/gyandan/402/1520/
1297	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Schottky Barrier diode, IMPATT diode	https://erp.skit.ac.in/vlectures/gyandan/402/1521/
1298	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave tubes: Two cavity Klystron: Concept of velocity modulation, electron bunching, working and efficiency,	https://erp.skit.ac.in/vlectures/gyandan/402/1522/
1299	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Reflex Klystron: Working, Modes, Numerical on two cavity and reflex klystron	https://erp.skit.ac.in/vlectures/gyandan/402/1523/
1300	Lalit Kumar Lata	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Travelling Wave Tubes, Magnetron	https://erp.skit.ac.in/vlectures/gyandan/402/1524/
1301	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave design principles: Impedance transformation and matching, Smith chatr	https://erp.skit.ac.in/vlectures/gyandan/402/1525/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1302	Ankit Agarwal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Single stub Tuning in microwave circuits	https://erp.skit.ac.in/vlectures/gyandan/402/1526/
1303	Pallav Rawal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Amplifier design	https://erp.skit.ac.in/vlectures/gyandan/402/1527/
1304	Pallav Rawal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Power amplifier design, LNA	https://erp.skit.ac.in/vlectures/gyandan/402/1528/
1305	Pallav Rawal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave mixer, Oscillator design, and filter design	https://erp.skit.ac.in/vlectures/gyandan/402/1529/
1306	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Antennas and Antenna parameters	https://erp.skit.ac.in/vlectures/gyandan/402/1530/
1307	Pallav Rawal	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Antenna for ground base systems, Planar antennas	https://erp.skit.ac.in/vlectures/gyandan/402/1531/
1308	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Measurements: Frequency and Impedance Measurement at Microwave Frequency	https://erp.skit.ac.in/vlectures/gyandan/402/1532/
1309	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Network Analyzer and Measurement of Scattering Parameters	https://erp.skit.ac.in/vlectures/gyandan/402/1533/
1310	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Spectrum Analyzer and measurement of Spectrum of microwave signal	https://erp.skit.ac.in/vlectures/gyandan/402/1534/
1311	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Noise at Microwave frequency, Measurement of Noise Figure	https://erp.skit.ac.in/vlectures/gyandan/402/1535/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1312	Shubhi Jain	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Measurement of Microwave Antenna Parameters	https://erp.skit.ac.in/vlectures/gyandan/402/1536/
1313	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Microwave Systems: Radar, Terrestrial and Satellite Communication	https://erp.skit.ac.in/vlectures/gyandan/402/1537/
1314	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Radio aids to navigation, RFID,GPS	https://erp.skit.ac.in/vlectures/gyandan/402/1538/
1315	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	Effect of Microwaves on Human body, Monolithic Microwave integrated circuits	https://erp.skit.ac.in/vlectures/gyandan/402/1539/
1316	Harshal Nigam	Electronics and Comm. Engg.	5EC4-05	Microwave Theory & Techniques	RF MEMS for microwave components, Microwave Imaging	https://erp.skit.ac.in/vlectures/gyandan/402/1540/
1317	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Intro Lecture	https://erp.skit.ac.in/vlectures/gyandan/403/1624/
1318	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Concept of Embedded Sytem Design	https://erp.skit.ac.in/vlectures/gyandan/403/1625/
1319	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Embedde Microcontroller cores	https://erp.skit.ac.in/vlectures/gyandan/403/1626/
1320	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Embedde Microcontroller cores	https://erp.skit.ac.in/vlectures/gyandan/403/1627/
1321	Vikas Pathak	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Embedded Memories	https://erp.skit.ac.in/vlectures/gyandan/403/1628/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1322	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Examples of embedded systems	https://erp.skit.ac.in/vlectures/gyandan/403/1629/
1323	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Examples of embedded systems	https://erp.skit.ac.in/vlectures/gyandan/403/1630/
1324	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Technological aspects of embedded systems	https://erp.skit.ac.in/vlectures/gyandan/403/1631/
1325	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	DAC & Types of DAC	https://erp.skit.ac.in/vlectures/gyandan/403/1632/
1326	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	ADC & Types of ADC	https://erp.skit.ac.in/vlectures/gyandan/403/1633/
1327	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	interfacing between analog and digital blocks	https://erp.skit.ac.in/vlectures/gyandan/403/1634/
1328	Pooja Choudhary	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	signal conditioning, Digital Signal Processing	https://erp.skit.ac.in/vlectures/gyandan/403/1635/
1329	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Interfacing with external systems: External Memory Interfacing	https://erp.skit.ac.in/vlectures/gyandan/403/1636/
1330	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Subsystems interfacing	https://erp.skit.ac.in/vlectures/gyandan/403/1637/
1331	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Interfacing with external systems: Communication Protocols1	https://erp.skit.ac.in/vlectures/gyandan/403/1638/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1332	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Interfacing with external systems: Communication Protocols2	https://erp.skit.ac.in/vlectures/gyandan/403/1639/
1333	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Serial and Parallel Communication protocols	https://erp.skit.ac.in/vlectures/gyandan/403/1640/
1334	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	User interfacing	https://erp.skit.ac.in/vlectures/gyandan/403/1641/
1335	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Design tradeoffs with thermal considerations	https://erp.skit.ac.in/vlectures/gyandan/403/1642/
1336	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Software Aspects of Embedded Systems: Real time programming languages1	https://erp.skit.ac.in/vlectures/gyandan/403/1643/
1337	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Software Aspects of Embedded Systems: Real time programming languages2	https://erp.skit.ac.in/vlectures/gyandan/403/1644/
1338	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Software Aspects of Embedded Systems: Real time programming languages3	https://erp.skit.ac.in/vlectures/gyandan/403/1645/
1339	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Software Aspects of Embedded Systems: Real time programming languages4	https://erp.skit.ac.in/vlectures/gyandan/403/1646/
1340	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems and their scope	https://erp.skit.ac.in/vlectures/gyandan/403/1647/
1341	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems: Types of OS	https://erp.skit.ac.in/vlectures/gyandan/403/1648/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1342	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems: Threads and Process	https://erp.skit.ac.in/vlectures/gyandan/403/1649/
1343	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems: device drivers	https://erp.skit.ac.in/vlectures/gyandan/403/1650/
1344	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems Kernals	https://erp.skit.ac.in/vlectures/gyandan/403/1651/
1345	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems for Embedded Systems:Real time Scheduling Algorithms	https://erp.skit.ac.in/vlectures/gyandan/403/1652/
1346	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Operating Systems for Embedded Systems:Real time Scheduling Algorithms	https://erp.skit.ac.in/vlectures/gyandan/403/1653/
1347	Priyanka Sharma	Electronics and Comm. Engg.	5EC5-12	Embedded Systems	Real time Systems: Tasks and Applications	https://erp.skit.ac.in/vlectures/gyandan/403/1654/
1348	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Introduction to Microprocessor	https://erp.skit.ac.in/vlectures/gyandan/456/1831/
1349	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Microprocessor System With Bus Organization And 8085 Pin Diagram	https://erp.skit.ac.in/vlectures/gyandan/456/1832/
1350	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Architecture of Microprocessor 8085	https://erp.skit.ac.in/vlectures/gyandan/456/1833/
1351	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Demultiplexing of buses And Generation of control signals in 8085 Microprocessor	https://erp.skit.ac.in/vlectures/gyandan/456/1834/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1352	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Flag Register in 8085 Microprocessor	https://erp.skit.ac.in/vlectures/gyandan/456/1835/
1353	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Instruction cycle, Machine cycle, T- States and Timing Diagrams in 8085 Microprocessor	https://erp.skit.ac.in/vlectures/gyandan/456/1836/
1354	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Instruction Set (Part-1)	https://erp.skit.ac.in/vlectures/gyandan/456/1837/
1355	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Instruction Set (Part-2)	https://erp.skit.ac.in/vlectures/gyandan/456/1838/
1356	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Instruction Set (Part-3)	https://erp.skit.ac.in/vlectures/gyandan/456/1839/
1357	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Assembly Language Programs	https://erp.skit.ac.in/vlectures/gyandan/456/1840/
1358	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Assembly Language Programs	https://erp.skit.ac.in/vlectures/gyandan/456/1841/
1359	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Assembly Language Programs	https://erp.skit.ac.in/vlectures/gyandan/456/1842/
1360	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	8085 Assembly Language Programs	https://erp.skit.ac.in/vlectures/gyandan/456/1843/
1361	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Developing counters and time delays	https://erp.skit.ac.in/vlectures/gyandan/456/1844/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1362	Suman Sharma	Electronics and Comm. Engg.	5IT3-01	Microprocessor And Interfaces	Stack and Subroutine	https://erp.skit.ac.in/vlectures/gyandan/456/1845/
1363	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Introductory lecture	https://erp.skit.ac.in/vlectures/gyandan/420/1309/
1364	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Introduction, cybercrime and information security	https://erp.skit.ac.in/vlectures/gyandan/420/1310/
1365	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Defining Cyber Criminals	https://erp.skit.ac.in/vlectures/gyandan/420/1311/
1366	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Classification of Cybercrimes	https://erp.skit.ac.in/vlectures/gyandan/420/1312/
1367	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Cybercrime: The legal Perspectives and Indian Perspective, Global Perspective on Cybercrimes	https://erp.skit.ac.in/vlectures/gyandan/420/1313/
1368	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Cybercrime and the Indian ITA 2000	https://erp.skit.ac.in/vlectures/gyandan/420/1314/
1369	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Mobile and Wireless devices: Introduction, Proliferation of Mobile and Wireless Devices	https://erp.skit.ac.in/vlectures/gyandan/420/1315/
1370	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Trends in Mobility, Credit card frauds in Mobile and wireless computing Era	https://erp.skit.ac.in/vlectures/gyandan/420/1316/
1371	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Security challenges posed by Mobile Devices, Registry settings for mobile devices, Authentication service security	https://erp.skit.ac.in/vlectures/gyandan/420/1317/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1372	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Attacks on mobile/cell phones	https://erp.skit.ac.in/vlectures/gyandan/420/1318/
1373	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Mobile devices: Security Implications for Organizations	https://erp.skit.ac.in/vlectures/gyandan/420/1319/
1374	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Organizational measures for handling mobile, organizational security policies as measures in mobile computing era and Laptop	https://erp.skit.ac.in/vlectures/gyandan/420/1320/
1375	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	How criminals plan them: Introduction, How criminals plan the attacks	https://erp.skit.ac.in/vlectures/gyandan/420/1321/
1376	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Social Engineering	https://erp.skit.ac.in/vlectures/gyandan/420/1322/
1377	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Cyber stalking	https://erp.skit.ac.in/vlectures/gyandan/420/1323/
1378	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Cyber cafe and cyber crimes	https://erp.skit.ac.in/vlectures/gyandan/420/1324/
1379	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Botnets: The fuel for cybercrime	https://erp.skit.ac.in/vlectures/gyandan/420/1325/
1380	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Attack vector, Cloud computing	https://erp.skit.ac.in/vlectures/gyandan/420/1326/
1381	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Introduction, Proxy servers and anonymizers	https://erp.skit.ac.in/vlectures/gyandan/420/1327/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1382	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Phishing, Password cracking	https://erp.skit.ac.in/vlectures/gyandan/420/1328/
1383	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	keylogers, and spywares	https://erp.skit.ac.in/vlectures/gyandan/420/1329/
1384	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Virus and worms	https://erp.skit.ac.in/vlectures/gyandan/420/1330/
1385	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Trojan Horse and Backdoors, Steganography	https://erp.skit.ac.in/vlectures/gyandan/420/1331/
1386	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	DoS and DDoS attacks	https://erp.skit.ac.in/vlectures/gyandan/420/1332/
1387	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	SQL Injection, Buffer Overflow	https://erp.skit.ac.in/vlectures/gyandan/420/1333/
1388	Lalit Kumar Lata	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Organizational Implications Introduction, Cost of cybercrimes and IPR issues, Web threats for Organizations, Security and privacy Implications,	https://erp.skit.ac.in/vlectures/gyandan/420/1334/
1389	Gloria Joseph	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Social Media marketing: Security risks and perils for organizations,Social computing and the associated challenges for organizations	https://erp.skit.ac.in/vlectures/gyandan/420/1335/
1390	Sunil Lakhawat	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Risk Assessment and treatment	https://erp.skit.ac.in/vlectures/gyandan/420/1336/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1391	Sunil Lakhawat	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Security policy	https://erp.skit.ac.in/vlectures/gyandan/420/1337/
1392	Sunil Lakhawat	Electronics and Comm. Engg.	7CS6-60.2	Cyber Security	Organization of Information security	https://erp.skit.ac.in/vlectures/gyandan/420/1338/
1393	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Introduction: Objective, scope and outcome of the course.	https://erp.skit.ac.in/vlectures/gyandan/419/157/
1394	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	NMOS fabrication, CMOS fabrication	https://erp.skit.ac.in/vlectures/gyandan/419/158/
1395	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Basic MOS transistors, Enhancement Mode transistor action, Depletion Mode transistor action, Aspects of threshold voltage, threshold voltage with body effect,	https://erp.skit.ac.in/vlectures/gyandan/419/159/
1396	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Ids versus Vds relationship, Channel length modulation,	https://erp.skit.ac.in/vlectures/gyandan/419/160/
1397	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Transistor Trans-conductance (gm), MOS transistor circuit Model	https://erp.skit.ac.in/vlectures/gyandan/419/161/
1398	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Transistor Trans-conductance (gm), MOS transistor circuit Model	https://erp.skit.ac.in/vlectures/gyandan/419/162/
1399	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	MOS transistor biasing and scaling.	https://erp.skit.ac.in/vlectures/gyandan/419/163/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1400	Priyanka Sharma	Electronics and Comm. Engg.	7EC5-11	VLSI Design	High order effects - sub threshold conduction, Hot electron effect, Narrow channel effect and punch through effect	https://erp.skit.ac.in/vlectures/gyandan/419/164/
1401	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	NMOS inverter â€“ resistive Load, Determination of inverter parameter, noise Margin	https://erp.skit.ac.in/vlectures/gyandan/419/165/
1402	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	NMOS inverter â€“ Active Load, Determination of inverter parameter	https://erp.skit.ac.in/vlectures/gyandan/419/166/
1403	Mamta Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	CMOS Inverter, Determination of inverter parameter, Pull up to Pull down ratio for NMOS Inverter and CMOS Inverter,	https://erp.skit.ac.in/vlectures/gyandan/419/167/
1404	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Calculation and Analysis of Delays (Speed) for CMOS inverter	https://erp.skit.ac.in/vlectures/gyandan/419/168/
1405	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Power dissipation and its analysis for CMOS inverter	https://erp.skit.ac.in/vlectures/gyandan/419/169/
1406	Swati Arora	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Combinational Logic, NAND Gate, NOR gate, XOR gate(complex logic circuits)	https://erp.skit.ac.in/vlectures/gyandan/419/170/
1407	Swati Arora	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Compound Gates, Layout and stick diagram using Eular path	https://erp.skit.ac.in/vlectures/gyandan/419/171/
1408	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	DRC rules for layout and issues of interconnects, Latch Up Problems	https://erp.skit.ac.in/vlectures/gyandan/419/172/
1409	Swati Arora	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Basic physical design of simple Gates and Layout issues, Layout issues for CMOS inverter , Layout for NAND, NOR	https://erp.skit.ac.in/vlectures/gyandan/419/173/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1410	Swati Arora	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Transmission Gate (TG), Layout of TG, Layouts for Complex Logic gates, 2 input CMOS Multiplexer, Memory latches and registers	https://erp.skit.ac.in/vlectures/gyandan/419/174/
1411	Swati Arora	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Numerical problems to find WL Equivalent ratio	https://erp.skit.ac.in/vlectures/gyandan/419/175/
1412	Priyanka Sharma	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Dynamic CMOS circuits- PE (pre-charge and Evaluation) Logic	https://erp.skit.ac.in/vlectures/gyandan/419/176/
1413	Priyanka Sharma	Electronics and Comm. Engg.	7EC5-11	VLSI Design	DOMINO logic	https://erp.skit.ac.in/vlectures/gyandan/419/177/
1414	Priyanka Sharma	Electronics and Comm. Engg.	7EC5-11	VLSI Design	NORA logic, NP(ZIPPER) logic	https://erp.skit.ac.in/vlectures/gyandan/419/178/
1415	Priyanka Sharma	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Basic Memory circuits and SRAM	https://erp.skit.ac.in/vlectures/gyandan/419/179/
1416	Priyanka Sharma	Electronics and Comm. Engg.	7EC5-11	VLSI Design	C2 MOS Logic Dynamic circuit	https://erp.skit.ac.in/vlectures/gyandan/419/180/
1417	Vikas Pathak	Electronics and Comm. Engg.	7EC5-11	VLSI Design	DRAM and its leakage current	https://erp.skit.ac.in/vlectures/gyandan/419/181/
1418	Pooja Choudhary	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Introduction to ECAD and VLSI Design Flow	https://erp.skit.ac.in/vlectures/gyandan/419/182/
1419	Pooja Choudhary	Electronics and Comm. Engg.	7EC5-11	VLSI Design	ECAD tools for front design and back end of VLSI circuits, Design using FPGA and VHDL	https://erp.skit.ac.in/vlectures/gyandan/419/183/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1420	Pooja Choudhary	Electronics and Comm. Engg.	7EC5-11	VLSI Design	ASIC introduction and Custom /ASIC design	https://erp.skit.ac.in/vlectures/gyandan/419/184/
1421	Pooja Choudhary	Electronics and Comm. Engg.	7EC5-11	VLSI Design	VHDL Introduction and code for Logic gates	https://erp.skit.ac.in/vlectures/gyandan/419/185/
1422	Neeraj Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	VHDL Coding Basics, brief modeling styles	https://erp.skit.ac.in/vlectures/gyandan/419/186/
1423	Neeraj Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Basic Design elements, Data Flow modeling	https://erp.skit.ac.in/vlectures/gyandan/419/187/
1424	Neeraj Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Data flow modeling, behavioural modeling and VHDL Code for logic gates, flip-flops and shift registers	https://erp.skit.ac.in/vlectures/gyandan/419/188/
1425	Neeraj Jain	Electronics and Comm. Engg.	7EC5-11	VLSI Design	Structural modeling and VHDL Code examples	https://erp.skit.ac.in/vlectures/gyandan/419/189/
1426	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Introduction to Principle of Electronic Communication	https://erp.skit.ac.in/vlectures/gyandan/738/63/
1427	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Introduction of Communication	https://erp.skit.ac.in/vlectures/gyandan/738/64/
1428	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Introduction of Communication	https://erp.skit.ac.in/vlectures/gyandan/738/65/
1429	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Types of Modulation Techniques	https://erp.skit.ac.in/vlectures/gyandan/738/66/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1430	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Amplitude Modulation	https://erp.skit.ac.in/vlectures/gyandan/738/67/
1431	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Amplitude Modulation	https://erp.skit.ac.in/vlectures/gyandan/738/68/
1432	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Frequency Modulation	https://erp.skit.ac.in/vlectures/gyandan/738/69/
1433	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - PUlse Modulation	https://erp.skit.ac.in/vlectures/gyandan/738/70/
1434	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Digital Modulation Techniques Amplitude Shift Key (ASK)	https://erp.skit.ac.in/vlectures/gyandan/738/71/
1435	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Digital Modulation Technique- Phase Shift Keying(PSK)- Frequency Shift Keying(FSK)	https://erp.skit.ac.in/vlectures/gyandan/738/72/
1436	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Digital Modulation Technique- Quadrature Phase Shift Keying(QPSK)	https://erp.skit.ac.in/vlectures/gyandan/738/73/
1437	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - INtroduction to Satellite Communication and Satellite Orbits	https://erp.skit.ac.in/vlectures/gyandan/738/80/
1438	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - Satellite Subsystems	https://erp.skit.ac.in/vlectures/gyandan/738/81/
1439	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - Global Positioning Systems	https://erp.skit.ac.in/vlectures/gyandan/738/82/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1440	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - Optical Fiber Priciples and Classification of Optical Fiber	https://erp.skit.ac.in/vlectures/gyandan/738/83/
1441	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - Optical Transmitters and Receivers/Wavelength Division Multiplexing	https://erp.skit.ac.in/vlectures/gyandan/738/84/
1442	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - Cellular Telephone System	https://erp.skit.ac.in/vlectures/gyandan/738/85/
1443	Richa Sharma	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - Richa Sharma - Global System For Mobile Communication(GSM)	https://erp.skit.ac.in/vlectures/gyandan/738/86/
1444	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Multiple Access Technique	https://erp.skit.ac.in/vlectures/gyandan/738/87/
1445	Jayprakash Vijay	Electronics and Comm. Engg.	7EC6-60.1	Principle of Electronic communication	Principle of Electronic Communication - J.P Vijay - Wireless Technologies:Wireless LAN,PANs,Bluetooth	https://erp.skit.ac.in/vlectures/gyandan/738/88/
1446	Sunita Gupta	Information Technology	3CS3-04	Digital Electronics	Minimization Techniques	https://erp.skit.ac.in/vlectures/gyandan/149/1188/
1447	Sunita Gupta	Information Technology	3CS3-04	Digital Electronics	K-MAP	https://erp.skit.ac.in/vlectures/gyandan/149/1189/
1448	Sunita Gupta	Information Technology	3CS3-04	Digital Electronics	Quine Mccluskey Technique	https://erp.skit.ac.in/vlectures/gyandan/149/1190/
1449	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Introduction, Representation and various operations on Stack Data Structure	https://erp.skit.ac.in/vlectures/gyandan/150/1119/
1450	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Applications of Stack-Expression Evaluation	https://erp.skit.ac.in/vlectures/gyandan/150/1120/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1451	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Applications of Stack-Notations Conversion, Tower of Hanoi	https://erp.skit.ac.in/vlectures/gyandan/150/1121/
1452	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Implementation of two stacks using Array	https://erp.skit.ac.in/vlectures/gyandan/150/1122/
1453	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Applications of stack-Recursion	https://erp.skit.ac.in/vlectures/gyandan/150/1123/
1454	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Bubble Sort	https://erp.skit.ac.in/vlectures/gyandan/150/1132/
1455	Nikhar Bhatnagar	Information Technology	3CS4-05	Data Structures and Algorithms	Insertion Sort and Selection Sort	https://erp.skit.ac.in/vlectures/gyandan/150/1133/
1456	Shalini Singhal	Information Technology	3CS4-06	Object Oriented Programming	Introduction	https://erp.skit.ac.in/vlectures/gyandan/151/1066/
1457	Shalini Singhal	Information Technology	3CS4-06	Object Oriented Programming	Basic OOP Concepts in C++(Class, object, data member, member functions, Access Specifier Defining member function inside and outside class, array of objects)	https://erp.skit.ac.in/vlectures/gyandan/151/1070/
1458	Dolly Mittal	Information Technology	3CS4-06	Object Oriented Programming	Static data member & member function	https://erp.skit.ac.in/vlectures/gyandan/151/1077/
1459	Dolly Mittal	Information Technology	3CS4-06	Object Oriented Programming	Constructor and Destructor	https://erp.skit.ac.in/vlectures/gyandan/151/1079/
1460	Dolly Mittal	Information Technology	3CS4-06	Object Oriented Programming	Friend function and friend class	https://erp.skit.ac.in/vlectures/gyandan/151/1080/
1461	Shalini Singhal	Information Technology	3CS4-06	Object Oriented Programming	Operator overloading : Inroduction & Overloading Unary Operators	https://erp.skit.ac.in/vlectures/gyandan/151/1081/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1462	Shalini Singhal	Information Technology	3CS4-06	Object Oriented Programming	Inheritence	https://erp.skit.ac.in/vlectures/gyandan/151/1083/
1463	Dolly Mittal	Information Technology	3CS4-06	Object Oriented Programming	Dynamic Binding and Virtual function	https://erp.skit.ac.in/vlectures/gyandan/151/1086/
1464	Sanju Choudhary	Information Technology	3CS4-07	Software Engineering	Software Design-Design fundamentals	https://erp.skit.ac.in/vlectures/gyandan/152/506/
1465	Sanju Choudhary	Information Technology	3CS4-07	Software Engineering	Software Design Concept(part-1)	https://erp.skit.ac.in/vlectures/gyandan/152/507/
1466	Sanju Choudhary	Information Technology	3CS4-07	Software Engineering	Software Design Concept(part-2)	https://erp.skit.ac.in/vlectures/gyandan/152/508/
1467	Sanju Choudhary	Information Technology	3CS4-07	Software Engineering	Effective modular design	https://erp.skit.ac.in/vlectures/gyandan/152/509/
1468	Sanju Choudhary	Information Technology	3CS4-07	Software Engineering	Effective modular design and Documentation	https://erp.skit.ac.in/vlectures/gyandan/152/510/
1469	Sunita Gupta	Information Technology	3EE2-01	Advance Mathematics	Intorduction (Syllabus, scheme)	https://erp.skit.ac.in/vlectures/gyandan/63/1477/
1470	Sunita Gupta	Information Technology	3EE2-01	Advance Mathematics	Basics of Complex variables	https://erp.skit.ac.in/vlectures/gyandan/63/1495/
1471	Sunita Gupta	Information Technology	3EE2-01	Advance Mathematics	Analytic Function (Definitions and Examples)	https://erp.skit.ac.in/vlectures/gyandan/63/1496/
1472	Sunita Gupta	Information Technology	3EE2-01	Advance Mathematics	Examples on Analytic functions	https://erp.skit.ac.in/vlectures/gyandan/63/1497/
1473	Sunita Gupta	Information Technology	3EE2-01	Advance Mathematics	Conformal Mapping & Bilinear Transformation	https://erp.skit.ac.in/vlectures/gyandan/63/1498/
1474	Sunita Gupta	Information Technology	3EE2-01	Advance Mathematics	Examples on conformal mapping & Bilinear Transformation	https://erp.skit.ac.in/vlectures/gyandan/63/1499/
1475	Sunita Gupta	Information Technology	3IT3-04	Digital Electronics	Minimization Techniques	https://erp.skit.ac.in/vlectures/gyandan/436/1220/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1476	Sunita Gupta	Information Technology	3IT3-04	Digital Electronics	K-MAP	https://erp.skit.ac.in/vlectures/gyandan/436/1221/
1477	Sunita Gupta	Information Technology	3IT3-04	Digital Electronics	Quine Mccluskey Technique	https://erp.skit.ac.in/vlectures/gyandan/436/1222/
1478	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Introduction, Representation and various operations on Stack Data Structure	https://erp.skit.ac.in/vlectures/gyandan/437/1150/
1479	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Applications of Stack-Expression Evaluation	https://erp.skit.ac.in/vlectures/gyandan/437/1151/
1480	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Applications of Stack-Notations Conversion, Tower of Hanoi	https://erp.skit.ac.in/vlectures/gyandan/437/1152/
1481	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Implementation of two stacks using Array	https://erp.skit.ac.in/vlectures/gyandan/437/1153/
1482	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Applications of stack-Recursion	https://erp.skit.ac.in/vlectures/gyandan/437/1154/
1483	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Bubble Sort	https://erp.skit.ac.in/vlectures/gyandan/437/1163/
1484	Nikhar Bhatnagar	Information Technology	3IT4-05	Data Structures and Algorithms	Insertion Sort and Selection Sort	https://erp.skit.ac.in/vlectures/gyandan/437/1164/
1485	Shalini Singhal	Information Technology	3IT4-06	Object Oriented Programming	Introduction	https://erp.skit.ac.in/vlectures/gyandan/438/1092/
1486	Shalini Singhal	Information Technology	3IT4-06	Object Oriented Programming	Basic OOP Concepts in C++(Class, object, data member, member functions, Access Specifier Defining member function inside and outside class, array of objects)	https://erp.skit.ac.in/vlectures/gyandan/438/1096/
1487	Dolly Mittal	Information Technology	3IT4-06	Object Oriented Programming	Static data member & member function	https://erp.skit.ac.in/vlectures/gyandan/438/1103/
1488	Dolly Mittal	Information Technology	3IT4-06	Object Oriented Programming	Constructor and Destructor	https://erp.skit.ac.in/vlectures/gyandan/438/1105/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1489	Dolly Mittal	Information Technology	3IT4-06	Object Oriented Programming	Friend function and friend class	https://erp.skit.ac.in/vlectures/gyandan/438/1106/
1490	Shalini Singhal	Information Technology	3IT4-06	Object Oriented Programming	Operator overloading : Inroduction & Overloading Unary Operators	https://erp.skit.ac.in/vlectures/gyandan/438/1107/
1491	Shalini Singhal	Information Technology	3IT4-06	Object Oriented Programming	Inheritence	https://erp.skit.ac.in/vlectures/gyandan/438/1109/
1492	Dolly Mittal	Information Technology	3IT4-06	Object Oriented Programming	Dynamic Binding and Virtual function	https://erp.skit.ac.in/vlectures/gyandan/438/1112/
1493	Sanju Choudhary	Information Technology	3IT4-07	Software Engineering	Software Design-Design fundamentals	https://erp.skit.ac.in/vlectures/gyandan/439/1056/
1494	Sanju Choudhary	Information Technology	3IT4-07	Software Engineering	Software Design Concept(part-1)	https://erp.skit.ac.in/vlectures/gyandan/439/1057/
1495	Sanju Choudhary	Information Technology	3IT4-07	Software Engineering	Software Design Concept(part-2)	https://erp.skit.ac.in/vlectures/gyandan/439/1058/
1496	Sanju Choudhary	Information Technology	3IT4-07	Software Engineering	Effective modular design	https://erp.skit.ac.in/vlectures/gyandan/439/1059/
1497	Sanju Choudhary	Information Technology	3IT4-07	Software Engineering	Effective modular design and Documentation	https://erp.skit.ac.in/vlectures/gyandan/439/1060/
1498	Mehul Mahrishi	Information Technology	5CS4-03	Operating System	Operating System - Mehul Mahrishi - Scope,Syllabus,course,outcomes and Reference books	https://erp.skit.ac.in/vlectures/gyandan/204/1/
1499	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - Introduction to Operating System	https://erp.skit.ac.in/vlectures/gyandan/204/2/
1500	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - 5CS4-03) - Functions and Modes of Operating System	https://erp.skit.ac.in/vlectures/gyandan/204/3/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1501	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - Types of Operating System & System Calls	https://erp.skit.ac.in/vlectures/gyandan/204/4/
1502	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - Process Management	https://erp.skit.ac.in/vlectures/gyandan/204/5/
1503	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - CPU Scheduling	https://erp.skit.ac.in/vlectures/gyandan/204/6/
1504	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - CPU Scheduling Part-II(SJE,Priority Scheduling)	https://erp.skit.ac.in/vlectures/gyandan/204/7/
1505	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - CPU Scheduling Part-III(Round Robin Scheduling)	https://erp.skit.ac.in/vlectures/gyandan/204/8/
1506	Vipin Jain	Information Technology	5CS4-03	Operating System	Operating System - Vipin Jain - Multilevel Queue Scheduling	https://erp.skit.ac.in/vlectures/gyandan/204/9/
1507	Mehul Mahrishi	Information Technology	5CS4-03	Operating System	Operating System - Mehul Mahrishi - Interprocess Communication	https://erp.skit.ac.in/vlectures/gyandan/204/10/
1508	Mehul Mahrishi	Information Technology	5CS4-03	Operating System	Operating System - Mehul Mahrishi - Race Condition,Critical Section , Mutex annd Semaphores	https://erp.skit.ac.in/vlectures/gyandan/204/11/
1509	Mehul Mahrishi	Information Technology	5CS4-03	Operating System	Operating System - Mehul Mahrishi - Devices,Drivers and Structure	https://erp.skit.ac.in/vlectures/gyandan/204/22/
1510	Mehul Mahrishi	Information Technology	5CS4-03	Operating System	Operating System - Mehul Mahrishi - Disk Scheduling	https://erp.skit.ac.in/vlectures/gyandan/204/23/
1511	Mehul Mahrishi	Information Technology	5CS4-03	Operating System	Operating System - Mehul Mahrishi - Disk Scheduling Numerical Example	https://erp.skit.ac.in/vlectures/gyandan/204/24/
1512	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	3D Concepts and Representations	https://erp.skit.ac.in/vlectures/gyandan/205/480/
1513	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	3D Representations-Spline and Cubic spline	https://erp.skit.ac.in/vlectures/gyandan/205/481/

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1514	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	Bazier Curve and B-Spline Curve	https://erp.skit.ac.in/vlectures/gyandan/205/482/
1515	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	Illumination and Colour Models	https://erp.skit.ac.in/vlectures/gyandan/205/485/
1516	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	Properties of light, XYZ Colour Models	https://erp.skit.ac.in/vlectures/gyandan/205/486/
1517	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	CIE chromaticity Diagram, RGB Colour Model	https://erp.skit.ac.in/vlectures/gyandan/205/487/
1518	Sanwta Ram Dogiwal	Information Technology	5CS4-04	Computer Graphics & Multimedia	colour model-YIQ, CMY, HSV, HLS	https://erp.skit.ac.in/vlectures/gyandan/205/488/
1519	Anjali Pandey	Information Technology	5CS4-05	Analysis of Algorithms	Divide and Conquer(Binary Search)	https://erp.skit.ac.in/vlectures/gyandan/206/954/
1520	Anjali Pandey	Information Technology	5CS4-05	Analysis of Algorithms	Divide and Conquer(Merge Sort)	https://erp.skit.ac.in/vlectures/gyandan/206/955/
1521	Anjali Pandey	Information Technology	5CS4-05	Analysis of Algorithms	Divide and Conquer(Quick Sort)	https://erp.skit.ac.in/vlectures/gyandan/206/956/
1522	Anjali Pandey	Information Technology	5CS4-05	Analysis of Algorithms	Divide and Conquer(Strassen Matrix multiplication)	https://erp.skit.ac.in/vlectures/gyandan/206/957/
1523	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Dynamic Programming-Matrix Chain Multiplication	https://erp.skit.ac.in/vlectures/gyandan/206/961/
1524	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Longest common subsequence	https://erp.skit.ac.in/vlectures/gyandan/206/962/
1525	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Knapsack Problem	https://erp.skit.ac.in/vlectures/gyandan/206/963/
1526	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Travelling Salesman Problem	https://erp.skit.ac.in/vlectures/gyandan/206/964/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1527	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Travelling Salesman Problem-Part II	https://erp.skit.ac.in/vlectures/gyandan/206/965/
1528	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Travelling Salesman Problem-Part III	https://erp.skit.ac.in/vlectures/gyandan/206/966/
1529	Sushila Vishnoi	Information Technology	5CS4-05	Analysis of Algorithms	Flow Network	https://erp.skit.ac.in/vlectures/gyandan/206/975/
1530	Anjali Pandey	Information Technology	5CS4-05	Analysis of Algorithms	Approximation Algorithm	https://erp.skit.ac.in/vlectures/gyandan/206/979/
1531	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	3D Concepts and Representations	https://erp.skit.ac.in/vlectures/gyandan/459/1030/
1532	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	3D Representations-Spline and Cubic spline	https://erp.skit.ac.in/vlectures/gyandan/459/1031/
1533	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	Bazier Curve and B-Spline Curve	https://erp.skit.ac.in/vlectures/gyandan/459/1032/
1534	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	Illumination and Colour Models	https://erp.skit.ac.in/vlectures/gyandan/459/1035/
1535	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	Properties of light, XYZ Colour Models	https://erp.skit.ac.in/vlectures/gyandan/459/1036/
1536	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	CIE chromaticity Diagram, RGB Colour Model	https://erp.skit.ac.in/vlectures/gyandan/459/1037/
1537	Sanwta Ram Dogiwal	Information Technology	5IT4-04	Computer Graphics & Multimedia	colour model-YIQ, CMY, HSV, HLS	https://erp.skit.ac.in/vlectures/gyandan/459/1038/
1538	Anjali Pandey	Information Technology	5IT4-05	Analysis of Algorithms	Divide And conquer(Binary Search)	https://erp.skit.ac.in/vlectures/gyandan/460/227/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1539	Anjali Pandey	Information Technology	5IT4-05	Analysis of Algorithms	Divide And conquer(Merge Sort)	https://erp.skit.ac.in/vlectures/gyandan/460/228/
1540	Anjali Pandey	Information Technology	5IT4-05	Analysis of Algorithms	Divide And conquer(Quick sort)	https://erp.skit.ac.in/vlectures/gyandan/460/229/
1541	Anjali Pandey	Information Technology	5IT4-05	Analysis of Algorithms	Divide And conquer(Strassen's matrix multiplication algorithms)	https://erp.skit.ac.in/vlectures/gyandan/460/230/
1542	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Dynamic Programming	https://erp.skit.ac.in/vlectures/gyandan/460/234/
1543	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Dynamic Programming	https://erp.skit.ac.in/vlectures/gyandan/460/235/
1544	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Matrix Chain Multiplication. Longest Common Subsequence and 0/1 Knapsack Problem.	https://erp.skit.ac.in/vlectures/gyandan/460/236/
1545	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Traveling Salesman Problem	https://erp.skit.ac.in/vlectures/gyandan/460/237/
1546	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Traveling Salesman Problem	https://erp.skit.ac.in/vlectures/gyandan/460/238/
1547	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Traveling Salesman Problem	https://erp.skit.ac.in/vlectures/gyandan/460/239/
1548	Sushila Vishnoi	Information Technology	5IT4-05	Analysis of Algorithms	Problem definition of Multicommodity flow	https://erp.skit.ac.in/vlectures/gyandan/460/248/
1549	Anjali Pandey	Information Technology	5IT4-05	Analysis of Algorithms	Approximation Algorithms	https://erp.skit.ac.in/vlectures/gyandan/460/252/
1550	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Introduction	https://erp.skit.ac.in/vlectures/gyandan/555/1992/
1551	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Fourier series, Dirichlet condition, Fourier series for even and odd functions	https://erp.skit.ac.in/vlectures/gyandan/555/1993/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1552	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Half range Fourier series, Change the interval, Parsevalâ€™s formula	https://erp.skit.ac.in/vlectures/gyandan/555/1994/
1553	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Gamma functions and its properties	https://erp.skit.ac.in/vlectures/gyandan/555/1995/
1554	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Beta functions and its properties, Relation between Beta and Gamma functions	https://erp.skit.ac.in/vlectures/gyandan/555/1996/
1555	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Surface and volume of solids of Revolution	https://erp.skit.ac.in/vlectures/gyandan/555/1997/
1556	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Sequence, Types of Sequence, Limit and Convergence, and Properties of sequence	https://erp.skit.ac.in/vlectures/gyandan/555/1998/
1557	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Series, Types of series, Nature of series, Test the convergence of series	https://erp.skit.ac.in/vlectures/gyandan/555/1999/
1558	Deepika Jain	Mathematics Department	1FY2-01	Engineering Mathematics-I	Test the convergence of series, Power series, Taylorâ€™s Series	https://erp.skit.ac.in/vlectures/gyandan/555/2000/
1559	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Multivariable Calculus : Multiple Integration Double Integrals (Cartesian) three cases of evaluation, change of variables Cartesian to polar form	https://erp.skit.ac.in/vlectures/gyandan/555/2001/
1560	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Multiple Integration: Change of order of Integration in Double integration	https://erp.skit.ac.in/vlectures/gyandan/555/2002/
1561	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Triple Integration	https://erp.skit.ac.in/vlectures/gyandan/555/2003/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1562	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Partial Differentiation and Maxima and Minima and saddle points; Method of Lagrangeâ€™s multipliers	https://erp.skit.ac.in/vlectures/gyandan/555/2004/
1563	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Vector Differentiation including concepts of Gradient, Divergence, Curl	https://erp.skit.ac.in/vlectures/gyandan/555/2005/
1564	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Vector Integrals :line integrals, surface integrals and volume integrals	https://erp.skit.ac.in/vlectures/gyandan/555/2006/
1565	Surbhi Sharma	Mathematics Department	1FY2-01	Engineering Mathematics-I	Vector Integral theorems: Greenâ€™s theorem, Stokeâ€™s theorem and Gauss Divergence theorem	https://erp.skit.ac.in/vlectures/gyandan/555/2007/
1566	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Advance engineering mathematics-1	https://erp.skit.ac.in/vlectures/gyandan/1/1339/
1567	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/1/1340/
1568	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/1/1341/
1569	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/1/1342/
1570	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/1/1343/
1571	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/1/1344/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1572	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/1/1345/
1573	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1346/
1574	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1347/
1575	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1348/
1576	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1349/
1577	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1350/
1578	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1351/
1579	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1352/
1580	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1353/
1581	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1354/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1582	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1355/
1583	Sangeeta Choudhary	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/1/1356/
1584	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/1/1357/
1585	Vijay Kumar Singhal	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/1/1358/
1586	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Module V	https://erp.skit.ac.in/vlectures/gyandan/1/1359/
1587	Jyoti Arora	Mathematics Department	3CE2-01	Advance Engineering Mathematics -I	Module V	https://erp.skit.ac.in/vlectures/gyandan/1/1360/
1588	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Intoduction of Syllabus, scheme	https://erp.skit.ac.in/vlectures/gyandan/147/1407/
1589	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Optimization: History, Applications, Classification, Formulaion	https://erp.skit.ac.in/vlectures/gyandan/147/1408/
1590	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Optimization using differential calculus: Single variale, multivariable without constraints	https://erp.skit.ac.in/vlectures/gyandan/147/1409/
1591	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Optimization using differential calculus: Lagarange's method	https://erp.skit.ac.in/vlectures/gyandan/147/1410/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1592	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Optimization using differential calculus: KT condition	https://erp.skit.ac.in/vlectures/gyandan/147/1411/
1593	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	LPP: Basic definitions, Basic solution	https://erp.skit.ac.in/vlectures/gyandan/147/1412/
1594	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Simplex Algorithm	https://erp.skit.ac.in/vlectures/gyandan/147/1413/
1595	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Big M method	https://erp.skit.ac.in/vlectures/gyandan/147/1414/
1596	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Two phase method	https://erp.skit.ac.in/vlectures/gyandan/147/1415/
1597	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Duality	https://erp.skit.ac.in/vlectures/gyandan/147/1416/
1598	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Transportation problem: Basic, NW, Low cost, Vogel's methods	https://erp.skit.ac.in/vlectures/gyandan/147/1417/
1599	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Transportation problem: optimality test	https://erp.skit.ac.in/vlectures/gyandan/147/1418/
1600	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Transportation problem: Unbalance TP, Maximization TP, Degeneracy	https://erp.skit.ac.in/vlectures/gyandan/147/1419/
1601	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Assignment Problem: Basic, Hungarian Method	https://erp.skit.ac.in/vlectures/gyandan/147/1420/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1602	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Assignment Problem: Unbalance AP, Maximization AP	https://erp.skit.ac.in/vlectures/gyandan/147/1421/
1603	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Random Variable: Discrete, continuous, pmf, pdf, distribution function	https://erp.skit.ac.in/vlectures/gyandan/147/1422/
1604	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Bivariate Discrete radom varible	https://erp.skit.ac.in/vlectures/gyandan/147/1423/
1605	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Bivariate Continuous radom varible	https://erp.skit.ac.in/vlectures/gyandan/147/1424/
1606	Pramila Kumawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Expectation: univariate, bivariate, variance	https://erp.skit.ac.in/vlectures/gyandan/147/1425/
1607	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Moments , MGF, Karl pearson coefficients of skewness, kurtosis; chebyshev's inequality	https://erp.skit.ac.in/vlectures/gyandan/147/1426/
1608	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Binomial Distribution	https://erp.skit.ac.in/vlectures/gyandan/147/1427/
1609	Vivek Vijay	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Poisson Distribution	https://erp.skit.ac.in/vlectures/gyandan/147/1428/
1610	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Uniform Distribution, Exponential Distribution	https://erp.skit.ac.in/vlectures/gyandan/147/1429/
1611	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Correlation, Rank correlation coefficient	https://erp.skit.ac.in/vlectures/gyandan/147/1430/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1612	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Curve fitting	https://erp.skit.ac.in/vlectures/gyandan/147/1431/
1613	Shalini Shekhawat	Mathematics Department	3CS2-01	Advanced Engineering Mathematics	Regression Analysis	https://erp.skit.ac.in/vlectures/gyandan/147/1432/
1614	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Advance engineering mathematics-1	https://erp.skit.ac.in/vlectures/gyandan/363/1383/
1615	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/363/1384/
1616	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/363/1385/
1617	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/363/1386/
1618	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/363/1387/
1619	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/363/1388/
1620	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/363/1389/
1621	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1390/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1622	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1391/
1623	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1392/
1624	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1393/
1625	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1394/
1626	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1395/
1627	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1396/
1628	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1397/
1629	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1398/
1630	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1399/
1631	Sangeeta Choudhary	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/363/1400/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1632	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/363/1401/
1633	Vijay Kumar Singhal	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/363/1402/
1634	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Module V	https://erp.skit.ac.in/vlectures/gyandan/363/1403/
1635	Jyoti Arora	Mathematics Department	3EC2-01	Advanced Engineering Mathematics-I	Module V	https://erp.skit.ac.in/vlectures/gyandan/363/1404/
1636	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/593/
1637	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/63/594/
1638	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/63/595/
1639	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Module V	https://erp.skit.ac.in/vlectures/gyandan/63/596/
1640	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Module V	https://erp.skit.ac.in/vlectures/gyandan/63/597/
1641	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	Advance engineering mathematics-1	https://erp.skit.ac.in/vlectures/gyandan/63/1361/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1642	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/63/1362/
1643	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/63/1363/
1644	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/63/1364/
1645	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/63/1365/
1646	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/63/1366/
1647	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/63/1367/
1648	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1368/
1649	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1369/
1650	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1370/
1651	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1371/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1652	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1372/
1653	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1373/
1654	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1374/
1655	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1375/
1656	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1376/
1657	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1377/
1658	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/63/1378/
1659	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/63/1379/
1660	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	fouriesr transforms	https://erp.skit.ac.in/vlectures/gyandan/63/1380/
1661	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Module V	https://erp.skit.ac.in/vlectures/gyandan/63/1381/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1662	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Module V	https://erp.skit.ac.in/vlectures/gyandan/63/1382/
1663	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Introduction to Interpolation and Finite differences	https://erp.skit.ac.in/vlectures/gyandan/63/1478/
1664	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Relations between the operators, Newton Gregory forward and Backward Interpolation	https://erp.skit.ac.in/vlectures/gyandan/63/1479/
1665	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Central interpolation: Stirling, Gauss forward and Gauss Backward Interpolation	https://erp.skit.ac.in/vlectures/gyandan/63/1480/
1666	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Interpolation with unequal interval: Lagrange's and Newton's Divided difference	https://erp.skit.ac.in/vlectures/gyandan/63/1481/
1667	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Differentiation, Numerical Integration	https://erp.skit.ac.in/vlectures/gyandan/63/1482/
1668	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Numerical Integration	https://erp.skit.ac.in/vlectures/gyandan/63/1483/
1669	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Solution of polynomial and transcendental equations- Bisection Method	https://erp.skit.ac.in/vlectures/gyandan/63/1484/
1670	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Solution of polynomial and transcendental equations-Newton Raphson Method, Regula Falsi Method	https://erp.skit.ac.in/vlectures/gyandan/63/1485/
1671	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	Laplace Transform, and their Applications. Basic Formulas and existence of Laplace Transform.	https://erp.skit.ac.in/vlectures/gyandan/63/1486/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1672	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	Change of scale, First Shift, Second Shift Theorems and based problems	https://erp.skit.ac.in/vlectures/gyandan/63/1487/
1673	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	Laplace Transforms of Derivatives. Integrals, Multiplication and division by t	https://erp.skit.ac.in/vlectures/gyandan/63/1488/
1674	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	Inverse Laplace Transforms (Definition and Basic Formulas). Partial fractions	https://erp.skit.ac.in/vlectures/gyandan/63/1489/
1675	Sangeeta Choudhary	Mathematics Department	3EE2-01	Advance Mathematics	Inverse Laplace Transforms by properties, Convolution theorem	https://erp.skit.ac.in/vlectures/gyandan/63/1490/
1676	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Definitions; Fourier Complex, Sine and Cosine Transform; Inverse Fourier transforms	https://erp.skit.ac.in/vlectures/gyandan/63/1491/
1677	Vijay Kumar Singhal	Mathematics Department	3EE2-01	Advance Mathematics	Fourier Transform: Convolution theorem	https://erp.skit.ac.in/vlectures/gyandan/63/1492/
1678	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Z-Transform-Definition, Properties and Formulae	https://erp.skit.ac.in/vlectures/gyandan/63/1493/
1679	Jyoti Arora	Mathematics Department	3EE2-01	Advance Mathematics	Inverse Z Transform, Convolution Theorem and Aplication of Z-Transform in solving Difference equations	https://erp.skit.ac.in/vlectures/gyandan/63/1494/
1680	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Intoduction of Syllabus, scheme	https://erp.skit.ac.in/vlectures/gyandan/434/1433/
1681	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Optimization: History, Applications, Classification, Formulaion	https://erp.skit.ac.in/vlectures/gyandan/434/1434/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1682	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Optimization using differential calculus: Single variale, multivariable without constraints	https://erp.skit.ac.in/vlectures/gyandan/434/1435/
1683	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Optimization using differential calculus: Lagarange's method	https://erp.skit.ac.in/vlectures/gyandan/434/1436/
1684	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Optimization using differential calculus: KT condition	https://erp.skit.ac.in/vlectures/gyandan/434/1437/
1685	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	LPP: Basic definitions, Basic solution	https://erp.skit.ac.in/vlectures/gyandan/434/1438/
1686	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Simplex Algorithm	https://erp.skit.ac.in/vlectures/gyandan/434/1439/
1687	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Big M method	https://erp.skit.ac.in/vlectures/gyandan/434/1440/
1688	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Two phase method	https://erp.skit.ac.in/vlectures/gyandan/434/1441/
1689	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Duality	https://erp.skit.ac.in/vlectures/gyandan/434/1442/
1690	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Transportation problem: Basic, NW, Low cost, Vogel's methods	https://erp.skit.ac.in/vlectures/gyandan/434/1443/
1691	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Transportation problem: optimality test	https://erp.skit.ac.in/vlectures/gyandan/434/1444/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1692	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Transportation problem: Unbalance TP, Maximization TP, Degeneracy	https://erp.skit.ac.in/vlectures/gyandan/434/1445/
1693	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Assignment Problem: Basic, Hungarian Method	https://erp.skit.ac.in/vlectures/gyandan/434/1446/
1694	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Assignment Problem: Unbalance AP, Maximization AP	https://erp.skit.ac.in/vlectures/gyandan/434/1447/
1695	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Random Variable: Discrete, continuous, pmf, pdf, distribution function	https://erp.skit.ac.in/vlectures/gyandan/434/1448/
1696	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Bivariate Discrete radom varible	https://erp.skit.ac.in/vlectures/gyandan/434/1449/
1697	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Bivariate Continuous radom varible	https://erp.skit.ac.in/vlectures/gyandan/434/1450/
1698	Pramila Kumawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Expectation: univariate, bivariate, variance	https://erp.skit.ac.in/vlectures/gyandan/434/1451/
1699	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Moments , MGF, Karl pearson coefficients of skewness, kurtosis; chebyshev's inequality	https://erp.skit.ac.in/vlectures/gyandan/434/1452/
1700	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Binomial Distribution	https://erp.skit.ac.in/vlectures/gyandan/434/1453/
1701	Vivek Vijay	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Poisson Distribution	https://erp.skit.ac.in/vlectures/gyandan/434/1454/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1702	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Uniform Distribution, Exponential Distribution	https://erp.skit.ac.in/vlectures/gyandan/434/1455/
1703	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Correlation, Rank correlation coefficient	https://erp.skit.ac.in/vlectures/gyandan/434/1456/
1704	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Curve fitting	https://erp.skit.ac.in/vlectures/gyandan/434/1457/
1705	Shalini Shekhawat	Mathematics Department	3IT2-01	Advanced Engineering Mathematics	Regression Analysis	https://erp.skit.ac.in/vlectures/gyandan/434/1458/
1706	Sangeeta Choudhary	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Advance engineering mathematics-1	https://erp.skit.ac.in/vlectures/gyandan/270/576/
1707	Vijay Kumar Singhal	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/270/577/
1708	Vijay Kumar Singhal	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/270/578/
1709	Vijay Kumar Singhal	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/270/579/
1710	Vijay Kumar Singhal	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/270/580/
1711	Vijay Kumar Singhal	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/270/581/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1712	Vijay Kumar Singhal	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	Numerical Analysis	https://erp.skit.ac.in/vlectures/gyandan/270/582/
1713	Jyoti Arora	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/583/
1714	Jyoti Arora	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/584/
1715	Jyoti Arora	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/585/
1716	Jyoti Arora	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/586/
1717	Jyoti Arora	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/587/
1718	Sangeeta Choudhary	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/588/
1719	Sangeeta Choudhary	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/589/
1720	Sangeeta Choudhary	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/590/
1721	Sangeeta Choudhary	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/591/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1722	Sangeeta Choudhary	Mathematics Department	3ME2-01	Advance Engineering Mathematics-I	advance engineering in mathematics	https://erp.skit.ac.in/vlectures/gyandan/270/592/
1723	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction to Belt Drives, Types of belt, Types of belt drives	https://erp.skit.ac.in/vlectures/gyandan/638/1583/
1724	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Velocity ratio in Belt Drive, Slip of belt, Effect of slip on Velocity ratio	https://erp.skit.ac.in/vlectures/gyandan/638/1584/
1725	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Length of belt in case of Open and Cross belt Drives	https://erp.skit.ac.in/vlectures/gyandan/638/1585/
1726	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Ratio of tensions in flat belt drive, Power transmission by belt drives	https://erp.skit.ac.in/vlectures/gyandan/638/1586/
1727	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Ratio of Tension for V belt drive, Numerical on belt drives	https://erp.skit.ac.in/vlectures/gyandan/638/1587/
1728	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Centrifugal tension,power transmission,condition for maximum power	https://erp.skit.ac.in/vlectures/gyandan/638/1588/
1729	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction of Gears, Types of Gears, Advantage and Disadvantages of gear drives	https://erp.skit.ac.in/vlectures/gyandan/638/1589/
1730	Sanjay Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Gear Train, Types of Gear Train	https://erp.skit.ac.in/vlectures/gyandan/638/1590/
1731	Manoj Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction of Refrigeration and Air Conditioning, basic terminology Related to RAC	https://erp.skit.ac.in/vlectures/gyandan/638/1591/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1732	Manoj Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Classification and types of refrigeration systems	https://erp.skit.ac.in/vlectures/gyandan/638/1592/
1733	Manoj Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Air-conditioning, types of Air-conditioning	https://erp.skit.ac.in/vlectures/gyandan/638/1593/
1734	Manoj Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Applications of refrigeration and Air-conditioning.	https://erp.skit.ac.in/vlectures/gyandan/638/1594/
1735	Suresh Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction to material Science, Properties of Metals	https://erp.skit.ac.in/vlectures/gyandan/638/1595/
1736	Suresh Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Types Of Metal, Difference between Ferrous and nonferrous metal	https://erp.skit.ac.in/vlectures/gyandan/638/1596/
1737	Monu Gupta	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction to heat treatment of steel, Stages of Heat Treatment	https://erp.skit.ac.in/vlectures/gyandan/638/1597/
1738	Monu Gupta	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Types of heat treatment processes:Annealing and Normalising	https://erp.skit.ac.in/vlectures/gyandan/638/1598/
1739	Monu Gupta	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Hardening,Tempering,Case hardening	https://erp.skit.ac.in/vlectures/gyandan/638/1599/
1740	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction and Classification of IC Engines	https://erp.skit.ac.in/vlectures/gyandan/638/1600/
1741	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Main Components of IC Engines	https://erp.skit.ac.in/vlectures/gyandan/638/1601/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1742	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Working of Four Stroke IC Engines	https://erp.skit.ac.in/vlectures/gyandan/638/1602/
1743	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Working of Two Stroke IC Engines, Differences Between four stroke and two stroke engines	https://erp.skit.ac.in/vlectures/gyandan/638/1603/
1744	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction and Classification of Pumps	https://erp.skit.ac.in/vlectures/gyandan/638/1604/
1745	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Construction and working of Centrifugal Pump	https://erp.skit.ac.in/vlectures/gyandan/638/1605/
1746	Jitendra Kumar	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Construction and working of Reciprocating Pump	https://erp.skit.ac.in/vlectures/gyandan/638/1606/
1747	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Metal Casting Process: Introduction to Casting Process,	https://erp.skit.ac.in/vlectures/gyandan/638/1607/
1748	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Patterns, Types of Pattern, Pattern Allowances	https://erp.skit.ac.in/vlectures/gyandan/638/1608/
1749	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Moulding Materials and their Properties	https://erp.skit.ac.in/vlectures/gyandan/638/1609/
1750	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Furnaces, Types of furnaces	https://erp.skit.ac.in/vlectures/gyandan/638/1610/
1751	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction of Metal Forming Processes, Rolling	https://erp.skit.ac.in/vlectures/gyandan/638/1611/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1752	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Forging and Types of Forging Process	https://erp.skit.ac.in/vlectures/gyandan/638/1612/
1753	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Extrusion and Types of Extrusion Process, Drawing Process	https://erp.skit.ac.in/vlectures/gyandan/638/1613/
1754	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Metal Joining Processes: Introduction to various types of Welding	https://erp.skit.ac.in/vlectures/gyandan/638/1614/
1755	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Method of Arc Welding	https://erp.skit.ac.in/vlectures/gyandan/638/1615/
1756	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Method of Gas Welding	https://erp.skit.ac.in/vlectures/gyandan/638/1616/
1757	Vishnu Jangid	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Soldering and Brazing Process	https://erp.skit.ac.in/vlectures/gyandan/638/1617/
1758	Sumita Hemrom	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Boiler, Classification of Steam Boiler	https://erp.skit.ac.in/vlectures/gyandan/638/1618/
1759	Sumita Hemrom	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Types of Steam Boiler- Cochran, Locomotive	https://erp.skit.ac.in/vlectures/gyandan/638/1619/
1760	Sumita Hemrom	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Types of Steam Boiler- Babcock & Wilcox, La-Mont , Benson	https://erp.skit.ac.in/vlectures/gyandan/638/1620/
1761	Suresh Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Construction and working of Impulse- Reaction Turbine,Impulse turbine	https://erp.skit.ac.in/vlectures/gyandan/638/1621/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1762	Suresh Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Introduction and Classification of power plants Hydroelectric / Thermal Power Plant	https://erp.skit.ac.in/vlectures/gyandan/638/1622/
1763	Suresh Choudhary	Mechanical Engg.	1FY3-07	Basic Mechanical Engineering	Nuclear / Diesel Power Plant	https://erp.skit.ac.in/vlectures/gyandan/638/1623/
1764	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Introduction to Engineering Mechanics	https://erp.skit.ac.in/vlectures/gyandan/272/1655/
1765	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	System of Forces	https://erp.skit.ac.in/vlectures/gyandan/272/1656/
1766	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Composition & Resolution of Forces	https://erp.skit.ac.in/vlectures/gyandan/272/1657/
1767	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Moment of Force & Couples	https://erp.skit.ac.in/vlectures/gyandan/272/1658/
1768	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Static Equilibrium of bodies	https://erp.skit.ac.in/vlectures/gyandan/272/1659/
1769	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Static Equilibrium of bodies	https://erp.skit.ac.in/vlectures/gyandan/272/1660/
1770	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Load , Support & Reactions	https://erp.skit.ac.in/vlectures/gyandan/272/1661/
1771	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Principle of Virtual Work	https://erp.skit.ac.in/vlectures/gyandan/272/1662/
1772	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Problems on Virtual Work	https://erp.skit.ac.in/vlectures/gyandan/272/1663/
1773	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Truss Part A	https://erp.skit.ac.in/vlectures/gyandan/272/1664/
1774	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Truss Part B	https://erp.skit.ac.in/vlectures/gyandan/272/1665/
1775	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Truss Part C	https://erp.skit.ac.in/vlectures/gyandan/272/1666/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1776	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Centre of Gravity & Centre of Mass	https://erp.skit.ac.in/vlectures/gyandan/272/1667/
1777	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Centre of Gravity & Centre of Mass	https://erp.skit.ac.in/vlectures/gyandan/272/1668/
1778	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Centre of Gravity & Centre of Mass	https://erp.skit.ac.in/vlectures/gyandan/272/1669/
1779	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Moment of Inertia of Area	https://erp.skit.ac.in/vlectures/gyandan/272/1670/
1780	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Moment of Inertia of Area	https://erp.skit.ac.in/vlectures/gyandan/272/1671/
1781	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Moment of Inertia of Solids	https://erp.skit.ac.in/vlectures/gyandan/272/1672/
1782	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Moment of Inertia of Solids	https://erp.skit.ac.in/vlectures/gyandan/272/1673/
1783	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Moment of Inertia of Solids	https://erp.skit.ac.in/vlectures/gyandan/272/1674/
1784	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Lifting Machines	https://erp.skit.ac.in/vlectures/gyandan/272/1675/
1785	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Lifting Machines- System of Pulleys	https://erp.skit.ac.in/vlectures/gyandan/272/1676/
1786	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Lifitng Machines-Wheel-Axle & Pulley block	https://erp.skit.ac.in/vlectures/gyandan/272/1677/
1787	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Lifting Machines- Screw Jack	https://erp.skit.ac.in/vlectures/gyandan/272/1678/
1788	Sandeep Kumar Bhaskar	Mechanical Engg.	3ME3-04	Engineering Mechanics	Friction	https://erp.skit.ac.in/vlectures/gyandan/272/1679/
1789	Sandeep Kumar Bhaskar	Mechanical Engg.	3ME3-04	Engineering Mechanics	Ladder, Wedge & Belt Friction	https://erp.skit.ac.in/vlectures/gyandan/272/1680/
1790	Sandeep Kumar Bhaskar	Mechanical Engg.	3ME3-04	Engineering Mechanics	Belt Drives-A	https://erp.skit.ac.in/vlectures/gyandan/272/1681/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1791	Sandeep Kumar Bhaskar	Mechanical Engg.	3ME3-04	Engineering Mechanics	Belt Drives-B	https://erp.skit.ac.in/vlectures/gyandan/272/1682/
1792	Sandeep Kumar Bhaskar	Mechanical Engg.	3ME3-04	Engineering Mechanics	Belt Drives-C	https://erp.skit.ac.in/vlectures/gyandan/272/1683/
1793	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Kinematics of particles	https://erp.skit.ac.in/vlectures/gyandan/272/1684/
1794	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Motion under gravity	https://erp.skit.ac.in/vlectures/gyandan/272/1685/
1795	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Circular motion	https://erp.skit.ac.in/vlectures/gyandan/272/1686/
1796	Manu Augustine	Mechanical Engg.	3ME3-04	Engineering Mechanics	Curvilinear motion	https://erp.skit.ac.in/vlectures/gyandan/272/1687/
1797	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	Newton's Second Law of Motion	https://erp.skit.ac.in/vlectures/gyandan/272/1688/
1798	Vinay Singh Marwal	Mechanical Engg.	3ME3-04	Engineering Mechanics	D'Alembert's Principle	https://erp.skit.ac.in/vlectures/gyandan/272/1689/
1799	Sudesh Garg	Mechanical Engg.	3ME3-04	Engineering Mechanics	Work Power & Energy	https://erp.skit.ac.in/vlectures/gyandan/272/1690/
1800	Sudesh Garg	Mechanical Engg.	3ME3-04	Engineering Mechanics	Linear momentum & Linear Impulse	https://erp.skit.ac.in/vlectures/gyandan/272/1691/
1801	Sudesh Garg	Mechanical Engg.	3ME3-04	Engineering Mechanics	Collision of Rigid bodies	https://erp.skit.ac.in/vlectures/gyandan/272/1692/
1802	Sudesh Garg	Mechanical Engg.	3ME3-04	Engineering Mechanics	Angular momentum & Angular Impulse	https://erp.skit.ac.in/vlectures/gyandan/272/1693/
1803	Sudesh Garg	Mechanical Engg.	3ME3-04	Engineering Mechanics	Variable Mass System	https://erp.skit.ac.in/vlectures/gyandan/272/1694/
1804	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Introduction to Course and Syllabus Coverage	https://erp.skit.ac.in/vlectures/gyandan/273/92/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1805	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Introduction and Basic Concepts of Thermodynamics	https://erp.skit.ac.in/vlectures/gyandan/273/93/
1806	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Pressure and its Measurements	https://erp.skit.ac.in/vlectures/gyandan/273/94/
1807	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Temperature and its Measurements	https://erp.skit.ac.in/vlectures/gyandan/273/95/
1808	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Work and Modes of Work Transfer	https://erp.skit.ac.in/vlectures/gyandan/273/96/
1809	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Heat	https://erp.skit.ac.in/vlectures/gyandan/273/97/
1810	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - First Law of Thermodynamics	https://erp.skit.ac.in/vlectures/gyandan/273/98/
1811	Suresh Choudhary	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Suresh Choudhary - First Law Applied to Steady Flow Processes	https://erp.skit.ac.in/vlectures/gyandan/273/99/
1812	Suresh Choudhary	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Suresh Choudhary - Steady Flow Energy Equation	https://erp.skit.ac.in/vlectures/gyandan/273/100/
1813	Suresh Choudhary	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Suresh Choudhary - First Law Applied to Unsteady and Variable Flow Peocesses	https://erp.skit.ac.in/vlectures/gyandan/273/101/
1814	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Second Law of Thermodynamics	https://erp.skit.ac.in/vlectures/gyandan/273/102/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1815	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Reversibility and Irreversibility	https://erp.skit.ac.in/vlectures/gyandan/273/103/
1816	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Carnot Cycle	https://erp.skit.ac.in/vlectures/gyandan/273/104/
1817	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Carnot's Theorem and Absolute Thermodynamic Temperature Scale	https://erp.skit.ac.in/vlectures/gyandan/273/105/
1818	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Introdution to Entropy and Clausius Inequality	https://erp.skit.ac.in/vlectures/gyandan/273/106/
1819	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Entropy Change for Various Processes	https://erp.skit.ac.in/vlectures/gyandan/273/107/
1820	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Entropy Principle and its Applications	https://erp.skit.ac.in/vlectures/gyandan/273/108/
1821	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Available Energy I	https://erp.skit.ac.in/vlectures/gyandan/273/109/
1822	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Available Energy II	https://erp.skit.ac.in/vlectures/gyandan/273/110/
1823	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Available Energy III	https://erp.skit.ac.in/vlectures/gyandan/273/111/
1824	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Properties of Pure Substance	https://erp.skit.ac.in/vlectures/gyandan/273/112/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1825	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Mollier Chart and Steam Tabbles	https://erp.skit.ac.in/vlectures/gyandan/273/113/
1826	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Ideal Gas	https://erp.skit.ac.in/vlectures/gyandan/273/114/
1827	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Real Gas	https://erp.skit.ac.in/vlectures/gyandan/273/115/
1828	Dinesh Kumar Sharma	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Dinesh Kumar - Properties of Gas Mixture	https://erp.skit.ac.in/vlectures/gyandan/273/116/
1829	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Thermodynamic Relations-I	https://erp.skit.ac.in/vlectures/gyandan/273/117/
1830	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Thermodynamic Relations-II	https://erp.skit.ac.in/vlectures/gyandan/273/118/
1831	Naveen Kumar Sain	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Naveen Kumar Sain - Thermodynamic Relations-III	https://erp.skit.ac.in/vlectures/gyandan/273/119/
1832	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Gas Power Cycles: Otto Cycle	https://erp.skit.ac.in/vlectures/gyandan/273/120/
1833	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Gas Power Cycles: Diesel & Dual Cycle	https://erp.skit.ac.in/vlectures/gyandan/273/121/
1834	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Gas Power Cycles: Brayton Cycle	https://erp.skit.ac.in/vlectures/gyandan/273/122/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1835	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Vapour Power Cycles or Rankine Cycle-I	https://erp.skit.ac.in/vlectures/gyandan/273/123/
1836	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Vapour Power Cycles or Rankine Cycle-II	https://erp.skit.ac.in/vlectures/gyandan/273/124/
1837	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Vapour Power Cycles or Rankine Cycle-III	https://erp.skit.ac.in/vlectures/gyandan/273/125/
1838	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Vapour Power Cycles or Rankine Cycle-IV	https://erp.skit.ac.in/vlectures/gyandan/273/126/
1839	Arun Beniwal	Mechanical Engg.	3ME4-05	Engineering Thermodynamics	Engineering Thermodynamics - Arun Beniwal - Power Cycles- Vapour Power Cycles or Rankine Cycle-V	https://erp.skit.ac.in/vlectures/gyandan/273/127/
1840	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Introduction of Course	https://erp.skit.ac.in/vlectures/gyandan/275/538/
1841	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Mechanical Propertiesof Materials, Introduction of Subject, Types of Loads	https://erp.skit.ac.in/vlectures/gyandan/275/539/
1842	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Stress, Strain, Hooke's Law, Stress Strain Diagram	https://erp.skit.ac.in/vlectures/gyandan/275/540/
1843	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Elastic Constants and Relationship Derivations & FOS , Poisson's Ratio,Shearing Stress & Strain	https://erp.skit.ac.in/vlectures/gyandan/275/541/
1844	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	2D & 3D Stress Analysis, Volumetric Strain	https://erp.skit.ac.in/vlectures/gyandan/275/542/
1845	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Composite Bars in Series	https://erp.skit.ac.in/vlectures/gyandan/275/543/
1846	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Composite Bars in Parallel & Self Weight	https://erp.skit.ac.in/vlectures/gyandan/275/544/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1847	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Thermal Stresses, Rigid Support & Yielding Support	https://erp.skit.ac.in/vlectures/gyandan/275/545/
1848	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Thermal Stresses in Composite Bars	https://erp.skit.ac.in/vlectures/gyandan/275/546/
1849	Ajay Kumar Dhanopia	Mechanical Engg.	3ME4-07	Mechanics of Solids	Stress Strain Curve for Ductile Materials	https://erp.skit.ac.in/vlectures/gyandan/275/547/
1850	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	Theory of bending: bending Moments Equation	https://erp.skit.ac.in/vlectures/gyandan/275/548/
1851	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	bending Moments Equation of cantilever beam	https://erp.skit.ac.in/vlectures/gyandan/275/549/
1852	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	bending- Section modulus for various cross sections, introduction - bending moment and shear force diagrams	https://erp.skit.ac.in/vlectures/gyandan/275/550/
1853	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	SFD & BMD for Simply Supported Beam with Uniform Distributed Load	https://erp.skit.ac.in/vlectures/gyandan/275/551/
1854	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	BMD & SFD for Simply Supported and cantiever beams are subjected to Distributed Load	https://erp.skit.ac.in/vlectures/gyandan/275/552/
1855	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	BMD & SFD for cantiever beams are subjected to multiple points loads & moment	https://erp.skit.ac.in/vlectures/gyandan/275/553/
1856	Ajay Kumar Dhanopia	Mechanical Engg.	3ME4-07	Mechanics of Solids	Numerical Problem: bending stress & shear stress for various cross section area	https://erp.skit.ac.in/vlectures/gyandan/275/554/
1857	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Strain Energy for Uniaxial,Biaxial and triaxial stress system,strain energy for bending	https://erp.skit.ac.in/vlectures/gyandan/275/555/
1858	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Concept of Torsion, Principal Stresses and Strains, Principal Planes	https://erp.skit.ac.in/vlectures/gyandan/275/556/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1859	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Stresses on Inclined Planes Analytical Method for calculating stresses on oblique plane a) Direct Axial Stress b) Biaxial Direct Stress, Combined Stresses	https://erp.skit.ac.in/vlectures/gyandan/275/557/
1860	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Principal Planes, Principal Stresses....Maximum Shear Stresses	https://erp.skit.ac.in/vlectures/gyandan/275/558/
1861	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Principal Planes, Principal Stresses....Maximum Shear Stresses Analytical Method	https://erp.skit.ac.in/vlectures/gyandan/275/559/
1862	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Mohr's Circle	https://erp.skit.ac.in/vlectures/gyandan/275/560/
1863	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Mohr's Circle	https://erp.skit.ac.in/vlectures/gyandan/275/561/
1864	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Fracture and equivalent bending and twisting moments	https://erp.skit.ac.in/vlectures/gyandan/275/562/
1865	Suresh Choudhary	Mechanical Engg.	3ME4-07	Mechanics of Solids	Numerical Problem on Fracture and equivalent bending and twisting moments	https://erp.skit.ac.in/vlectures/gyandan/275/563/
1866	Ajay Kumar Dhanopia	Mechanical Engg.	3ME4-07	Mechanics of Solids	Theories of Elastic Failures	https://erp.skit.ac.in/vlectures/gyandan/275/564/
1867	Prem Singh	Mechanical Engg.	3ME4-07	Mechanics of Solids	Torsion : Introduction, Derivation of Torsion Equation, Shear Stress Distribution in solid shaft and hollow shaft with numerical problem	https://erp.skit.ac.in/vlectures/gyandan/275/565/
1868	Prem Singh	Mechanical Engg.	3ME4-07	Mechanics of Solids	Torsion:Power transmitted by shaft; problem; shaft in series and parallel; strain energy in torsion	https://erp.skit.ac.in/vlectures/gyandan/275/566/
1869	Mohammed Suhaib	Mechanical Engg.	3ME4-07	Mechanics of Solids	Column and Struts : Derivation of Euler Formula for column for different end conditions	https://erp.skit.ac.in/vlectures/gyandan/275/567/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1870	Ajay Kumar Dhanopia	Mechanical Engg.	3ME4-07	Mechanics of Solids	Rankine's Formula for Column	https://erp.skit.ac.in/vlectures/gyandan/275/568/
1871	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Deflection of Beam: Governing Differential Equation of Beam, Sign Conventions Methods	https://erp.skit.ac.in/vlectures/gyandan/275/569/
1872	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Deflection of Beam: Double Integrated Method : Slope and deflection of Cantilever Beam- Concentrated load at free end , U.D.L. on Beam	https://erp.skit.ac.in/vlectures/gyandan/275/570/
1873	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Concept of Torsion, Principal Stresses and Strains, Principal Planes	https://erp.skit.ac.in/vlectures/gyandan/275/571/
1874	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Stresses on Inclined Planes a) Direct Axial Stress b) Biaxial Direct Stress, Combined Stresses	https://erp.skit.ac.in/vlectures/gyandan/275/572/
1875	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Deflection of Beam: Double Integrated Method : Slope and deflection of Simply Supported Beam-	https://erp.skit.ac.in/vlectures/gyandan/275/573/
1876	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Deflection of Beam: Double Integrated Method : Slope and deflection of Simply Supported Beam - Concentrated load at free end, U.D.L. on whole span of Beam	https://erp.skit.ac.in/vlectures/gyandan/275/574/
1877	Madhukar Kumar	Mechanical Engg.	3ME4-07	Mechanics of Solids	Deflection of Beam: Moment Area Method, Slope and deflection of cantilever beam and simply supported beam is subjected to the concentrated load and u.d.l load.	https://erp.skit.ac.in/vlectures/gyandan/275/575/
1878	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Course Introduction	https://erp.skit.ac.in/vlectures/gyandan/303/1244/
1879	Pramod Jain	Mechanical Engg.	5ME3-01	Mechatronic Systems	Introduction to Mechatronics	https://erp.skit.ac.in/vlectures/gyandan/303/1245/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1880	Pramod Jain	Mechanical Engg.	5ME3-01	Mechatronic Systems	Functions of Mechatronics Systems	https://erp.skit.ac.in/vlectures/gyandan/303/1246/
1881	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	Kirchoff's Laws and Problems	https://erp.skit.ac.in/vlectures/gyandan/303/1247/
1882	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	Network Theorems	https://erp.skit.ac.in/vlectures/gyandan/303/1248/
1883	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	AC Circuit Analysis & Transformers (part-I)	https://erp.skit.ac.in/vlectures/gyandan/303/1249/
1884	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	AC Circuit Analysis & Transformers (part-II)	https://erp.skit.ac.in/vlectures/gyandan/303/1250/
1885	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	Digital Electronics Signal Conditioning and Data Acquisition Systems	https://erp.skit.ac.in/vlectures/gyandan/303/1251/
1886	Sunil Kumar	Mechanical Engg.	5ME3-01	Mechatronic Systems	Introduction to Electrical Motors	https://erp.skit.ac.in/vlectures/gyandan/303/1252/
1887	Pramod Jain	Mechanical Engg.	5ME3-01	Mechatronic Systems	Solenoids Relays and Diodes	https://erp.skit.ac.in/vlectures/gyandan/303/1253/
1888	Pramod Jain	Mechanical Engg.	5ME3-01	Mechatronic Systems	Hydraulic and Pneumatic Actuators	https://erp.skit.ac.in/vlectures/gyandan/303/1254/
1889	Pramod Jain	Mechanical Engg.	5ME3-01	Mechatronic Systems	Microprocessors	https://erp.skit.ac.in/vlectures/gyandan/303/1255/
1890	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Programmable Logic Contrallers(PLCs)	https://erp.skit.ac.in/vlectures/gyandan/303/1256/
1891	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Basics of PLC Programming	https://erp.skit.ac.in/vlectures/gyandan/303/1257/
1892	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Timers and Counters	https://erp.skit.ac.in/vlectures/gyandan/303/1258/
1893	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	PLC Applications & PID Controller	https://erp.skit.ac.in/vlectures/gyandan/303/1259/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1894	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	Mechatronics Systems Case Studies 1.Design of Pick and Place System 2.Car Engine Management System 3.Automated Manufacturing System	https://erp.skit.ac.in/vlectures/gyandan/303/1260/
1895	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Basics of System Modeling	https://erp.skit.ac.in/vlectures/gyandan/303/1261/
1896	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Modeling of System (part-I)	https://erp.skit.ac.in/vlectures/gyandan/303/1262/
1897	Praveen Saraswat	Mechanical Engg.	5ME3-01	Mechatronic Systems	Modeling of System (part-II)	https://erp.skit.ac.in/vlectures/gyandan/303/1263/
1898	Sudesh Garg	Mechanical Engg.	5ME3-01	Mechatronic Systems	Transfer Function Model & State Space Analysis	https://erp.skit.ac.in/vlectures/gyandan/303/1264/
1899	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Objective, scope and outcome of the course. Introduction to heat transfer and its modes	https://erp.skit.ac.in/vlectures/gyandan/304/1695/
1900	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	Thermal conductivity	https://erp.skit.ac.in/vlectures/gyandan/304/1696/
1901	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	General 3-Dimensoinal conduction equation in Cartesian coordinates.	https://erp.skit.ac.in/vlectures/gyandan/304/1697/
1902	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	General heat conduction equation in cylindrical coordinates	https://erp.skit.ac.in/vlectures/gyandan/304/1698/
1903	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	General 3-Dimensoinal conduction equation in spherical coordinates;	https://erp.skit.ac.in/vlectures/gyandan/304/1699/
1904	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	One dimensional heat conduction through plane wall with and without heat generation,	https://erp.skit.ac.in/vlectures/gyandan/304/1700/
1905	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	One dimensional heat conduction through cylindrical and spherical wall,	https://erp.skit.ac.in/vlectures/gyandan/304/1701/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1906	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	Composite wall (Plane, cylindrical and shperical wall), Overall heat transfer coefficient. Contact resistance.	https://erp.skit.ac.in/vlectures/gyandan/304/1702/
1907	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	Critical thickness of insulation and Numericals	https://erp.skit.ac.in/vlectures/gyandan/304/1703/
1908	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	Numericals based on Conduction	https://erp.skit.ac.in/vlectures/gyandan/304/1704/
1909	Chandra Mohan Kumar	Mechanical Engg.	5ME4-02	Heat Transfer	Numericals based on Conduction	https://erp.skit.ac.in/vlectures/gyandan/304/1705/
1910	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Heat transfer from extended surfaces: Governing differential equation of fin,	https://erp.skit.ac.in/vlectures/gyandan/304/1706/
1911	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Solution of equation of fin for various cases	https://erp.skit.ac.in/vlectures/gyandan/304/1707/
1912	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Fin efficiency and effectiveness for different boundary conditions.	https://erp.skit.ac.in/vlectures/gyandan/304/1708/
1913	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Corrected Fin length and Numerical problem related to Fins	https://erp.skit.ac.in/vlectures/gyandan/304/1709/
1914	Mohammed Suhaib	Mechanical Engg.	5ME4-02	Heat Transfer	Introduction to the unsteady heat conduction and lumped parameter analysis heat conduction for slab	https://erp.skit.ac.in/vlectures/gyandan/304/1710/
1915	Mohammed Suhaib	Mechanical Engg.	5ME4-02	Heat Transfer	Numerical problems on lumped parameter analysis	https://erp.skit.ac.in/vlectures/gyandan/304/1711/
1916	Mohammed Suhaib	Mechanical Engg.	5ME4-02	Heat Transfer	Numerical problems based on Heisler chart.	https://erp.skit.ac.in/vlectures/gyandan/304/1712/
1917	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Introduction to Convective Heat Transfer	https://erp.skit.ac.in/vlectures/gyandan/304/1713/
1918	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Hydrodynamic Boundary Layer	https://erp.skit.ac.in/vlectures/gyandan/304/1714/
1919	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Thermal Boundary Layer	https://erp.skit.ac.in/vlectures/gyandan/304/1715/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1920	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Nusselt No. and Correlations for flow over flat	https://erp.skit.ac.in/vlectures/gyandan/304/1716/
1921	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Correlations for friction factor and boundary layer	https://erp.skit.ac.in/vlectures/gyandan/304/1717/
1922	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Numerical Problems related to flow over flat plate	https://erp.skit.ac.in/vlectures/gyandan/304/1718/
1923	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Analogy between heat and momentum transfer	https://erp.skit.ac.in/vlectures/gyandan/304/1719/
1924	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Flow over Cylindres and Spheres	https://erp.skit.ac.in/vlectures/gyandan/304/1720/
1925	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Internal Forced Convection (Hydrodynamic Analysis)	https://erp.skit.ac.in/vlectures/gyandan/304/1721/
1926	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Internal Forced Convection (Thermal Analysis)	https://erp.skit.ac.in/vlectures/gyandan/304/1722/
1927	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Internal Forced Convection (contd...)	https://erp.skit.ac.in/vlectures/gyandan/304/1723/
1928	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Correlations for Internal Forced Convection (Pipe Flows)	https://erp.skit.ac.in/vlectures/gyandan/304/1724/
1929	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Natural Convection	https://erp.skit.ac.in/vlectures/gyandan/304/1725/
1930	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Heat transfer with change of phase: Introduction to Boiling	https://erp.skit.ac.in/vlectures/gyandan/304/1726/
1931	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Types of boiling and Different regimes of boiling heat transfer	https://erp.skit.ac.in/vlectures/gyandan/304/1727/
1932	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Heat transfer correlations for pool boiling	https://erp.skit.ac.in/vlectures/gyandan/304/1728/
1933	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Introduction to Condensation	https://erp.skit.ac.in/vlectures/gyandan/304/1729/
1934	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Heat transfer correlations for condensation	https://erp.skit.ac.in/vlectures/gyandan/304/1730/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1935	Suresh Choudhary	Mechanical Engg.	5ME4-02	Heat Transfer	Introduction to Heat exchanger: Types of heat exchangers	https://erp.skit.ac.in/vlectures/gyandan/304/1731/
1936	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Arithmetic and logarithmic mean temperature differences for parallel flow heat exchanger	https://erp.skit.ac.in/vlectures/gyandan/304/1732/
1937	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Arithmetic and logarithmic mean temperature differences for Counter flow heat exchanger	https://erp.skit.ac.in/vlectures/gyandan/304/1733/
1938	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Effectiveness- N.T.U. method of parallel flow heat exchange	https://erp.skit.ac.in/vlectures/gyandan/304/1734/
1939	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Effectiveness- N.T.U. method of counter flow heat exchanger	https://erp.skit.ac.in/vlectures/gyandan/304/1735/
1940	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Numerical Problems based on LMTD and ?? E-NTU Method for Heat Exchanger	https://erp.skit.ac.in/vlectures/gyandan/304/1736/
1941	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Special Cases of E- NTU Method and Correction Factor	https://erp.skit.ac.in/vlectures/gyandan/304/1737/
1942	Brij Mohan Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Overall Heat Transfer Coefficient and Fouling (Heat Exchanger)	https://erp.skit.ac.in/vlectures/gyandan/304/1738/
1943	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Introduction, Basic Concept and Terminology about thermal Radiation	https://erp.skit.ac.in/vlectures/gyandan/304/1739/
1944	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Absorptivity, Reflectivity, and Transmissivity. Types of Reflection. Laws of Blackbody Radiation.	https://erp.skit.ac.in/vlectures/gyandan/304/1740/
1945	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Solid angle Intensity of radiation	https://erp.skit.ac.in/vlectures/gyandan/304/1741/
1946	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Heat Transfer by radiation between two black surface	https://erp.skit.ac.in/vlectures/gyandan/304/1742/
1947	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Numerical Problems on shape factor	https://erp.skit.ac.in/vlectures/gyandan/304/1743/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1948	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Heat Exchange between non-black bodies.	https://erp.skit.ac.in/vlectures/gyandan/304/1744/
1949	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Elecrical Analogy and Radiation Shield	https://erp.skit.ac.in/vlectures/gyandan/304/1745/
1950	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Numericals on electrical analogy	https://erp.skit.ac.in/vlectures/gyandan/304/1746/
1951	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Reradiating surfaces heat transfer	https://erp.skit.ac.in/vlectures/gyandan/304/1747/
1952	Nikhil Sharma	Mechanical Engg.	5ME4-02	Heat Transfer	Numericals on Reradiating Surfaces	https://erp.skit.ac.in/vlectures/gyandan/304/1748/
1953	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction: Objective, scope and outcome of the course	https://erp.skit.ac.in/vlectures/gyandan/305/1866/
1954	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to Metal Removal, Machine Tool, Classification of metal removal processes and Machine Tools	https://erp.skit.ac.in/vlectures/gyandan/305/1867/
1955	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Geometry of Single Point Cutting Tool and Tool Nomenclature in ASA	https://erp.skit.ac.in/vlectures/gyandan/305/1868/
1956	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Tool Nomenclature in ORS, Conversion of Tool Angles in ASA to ORS and vice versa	https://erp.skit.ac.in/vlectures/gyandan/305/1869/
1957	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to Orthogonal and Oblique Cutting	https://erp.skit.ac.in/vlectures/gyandan/305/1870/
1958	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to Metal Cutting and Types of Chips	https://erp.skit.ac.in/vlectures/gyandan/305/1871/
1959	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Mechanics of Metal Cutting (Cutting Ratio)	https://erp.skit.ac.in/vlectures/gyandan/305/1872/
1960	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Construction of Merchant's Circle Diagram for representing different forces and their relations	https://erp.skit.ac.in/vlectures/gyandan/305/1873/
1961	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Derivation of Merchant's first solution; power required in metal cutting	https://erp.skit.ac.in/vlectures/gyandan/305/1874/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1962	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	(Numerical Problems on Metal Machining	https://erp.skit.ac.in/vlectures/gyandan/305/1875/
1963	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Concept of machinability, machinability index, factors affecting machinability	https://erp.skit.ac.in/vlectures/gyandan/305/1876/
1964	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Different mechanism of tool wear, Types of tool wear (crater, flank etc)	https://erp.skit.ac.in/vlectures/gyandan/305/1877/
1965	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Concept of tool life, Taylor's tool life equation	https://erp.skit.ac.in/vlectures/gyandan/305/1878/
1966	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to economics of machining Part 1	https://erp.skit.ac.in/vlectures/gyandan/305/1879/
1967	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to economics of machining Part 2	https://erp.skit.ac.in/vlectures/gyandan/305/1880/
1968	Dheeraj Joshi	Mechanical Engg.	5ME4-03	Manufacturing Technology	Cutting fluids: Types, properties, selection and application methods	https://erp.skit.ac.in/vlectures/gyandan/305/1881/
1969	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to Basic Machine Tool and Constructional Configuration and Estimation of Machining Time in Lathe and Drilling	https://erp.skit.ac.in/vlectures/gyandan/305/1882/
1970	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Constructional Configuration and Estimation of Machining Time in Shaper	https://erp.skit.ac.in/vlectures/gyandan/305/1883/
1971	Achin Srivastav	Mechanical Engg.	5ME4-03	Manufacturing Technology	Constructional Configuration and Estimation of Machining Time in Milling and Grinding	https://erp.skit.ac.in/vlectures/gyandan/305/1884/
1972	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	Introduction to Grinding and different methods of grinding Abrasives; natural and synthetic	https://erp.skit.ac.in/vlectures/gyandan/305/1984/
1973	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	Manufacturing and selection of grinding wheels: Bonding agents	https://erp.skit.ac.in/vlectures/gyandan/305/1985/
1974	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	Process parameters in grinding operation; Grinding wheel mounting, balancing and dressing	https://erp.skit.ac.in/vlectures/gyandan/305/1987/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1975	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	Types of grinding machines: Cylindrical, Surface and Centerless grinding machines	https://erp.skit.ac.in/vlectures/gyandan/305/1988/
1976	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	Surface finishing processes: Honing, Lapping; Superfinishing; Polishing and Buffing	https://erp.skit.ac.in/vlectures/gyandan/305/1989/
1977	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	High Velocity Forming Methods: Definition; Hydraulic forming, Explosive forming	https://erp.skit.ac.in/vlectures/gyandan/305/1990/
1978	Monika Khurana	Mechanical Engg.	5ME4-03	Manufacturing Technology	Electro-hydraulic forming, Electro=Magnetic forming	https://erp.skit.ac.in/vlectures/gyandan/305/1991/
1979	Monika Khurana	Mechanical Engg.	5ME4-04	Design of Machine Elements -I	Manufacturing and selection of grinding wheels: Grit, Grade and Structure	https://erp.skit.ac.in/vlectures/gyandan/306/1986/
1980	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Course Inroduction	https://erp.skit.ac.in/vlectures/gyandan/330/981/
1981	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Definition, Scope and Evolution	https://erp.skit.ac.in/vlectures/gyandan/330/982/
1982	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Process quality & Tools and Techniques for Quality Control(Magnificent Seven)	https://erp.skit.ac.in/vlectures/gyandan/330/983/
1983	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Sampling and Sampling Distributions	https://erp.skit.ac.in/vlectures/gyandan/330/984/
1984	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Confidence Interval and Hypthesis Testing	https://erp.skit.ac.in/vlectures/gyandan/330/985/
1985	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Control Charts for Variables	https://erp.skit.ac.in/vlectures/gyandan/330/986/
1986	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Control Charts for Attributes	https://erp.skit.ac.in/vlectures/gyandan/330/987/
1987	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Process Capability Analysis	https://erp.skit.ac.in/vlectures/gyandan/330/988/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
1988	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Acceptance Sampling	https://erp.skit.ac.in/vlectures/gyandan/330/989/
1989	Deepak Kumar	Mechanical Engg.	7CS6-60.1	Quality Management	Measurement System Analysis(MSA) and ANOVA	https://erp.skit.ac.in/vlectures/gyandan/330/990/
1990	Deepak Kumar	Mechanical Engg.	7CS6-60.1	Quality Management	Introduction to Regression Analysis	https://erp.skit.ac.in/vlectures/gyandan/330/991/
1991	Deepak Kumar	Mechanical Engg.	7CS6-60.1	Quality Management	Design of Experiments	https://erp.skit.ac.in/vlectures/gyandan/330/992/
1992	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Leadership	https://erp.skit.ac.in/vlectures/gyandan/330/993/
1993	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Benchmarking	https://erp.skit.ac.in/vlectures/gyandan/330/994/
1994	Deepak Kumar	Mechanical Engg.	7CS6-60.1	Quality Management	Failure Modes and Effect Analysis	https://erp.skit.ac.in/vlectures/gyandan/330/995/
1995	Deepak Kumar	Mechanical Engg.	7CS6-60.1	Quality Management	Quality function Deployment	https://erp.skit.ac.in/vlectures/gyandan/330/996/
1996	Deepak Kumar	Mechanical Engg.	7CS6-60.1	Quality Management	Taguchi Method	https://erp.skit.ac.in/vlectures/gyandan/330/997/
1997	Manoj Kumar Sain	Mechanical Engg.	7CS6-60.1	Quality Management	Reliability Theory	https://erp.skit.ac.in/vlectures/gyandan/330/998/
1998	Amit Kumar Bansal	Mechanical Engg.	7CS6-60.1	Quality Management	Dimensions of Quality, Quality Cost	https://erp.skit.ac.in/vlectures/gyandan/330/1943/
1999	Amit Kumar Bansal	Mechanical Engg.	7CS6-60.1	Quality Management	Deming's Quality Philosophy	https://erp.skit.ac.in/vlectures/gyandan/330/1944/
2000	Amit Kumar Bansal	Mechanical Engg.	7CS6-60.1	Quality Management	Juran's and Crosby's Quality Philosophy	https://erp.skit.ac.in/vlectures/gyandan/330/1945/
2001	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Process Quality and 7QC tools	https://erp.skit.ac.in/vlectures/gyandan/330/1946/
2002	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Total Quality Management	https://erp.skit.ac.in/vlectures/gyandan/330/1947/

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S. No.	Faculty	Department	Subject code	Subject	Lecture Topic	Link
2003	Dharmendra Hariyani	Mechanical Engg.	7CS6-60.1	Quality Management	Six Sigma Methodology for Process improvement and product development	https://erp.skit.ac.in/vlectures/gyandan/330/1948/
2004	Monika Khurana	Mechanical Engg.	7CS6-60.1	Quality Management	Introduction to ISO 9000	https://erp.skit.ac.in/vlectures/gyandan/330/2036/
2005	Monika Khurana	Mechanical Engg.	7CS6-60.1	Quality Management	Quality Audit	https://erp.skit.ac.in/vlectures/gyandan/330/2037/
2006	Ashish Nayyar	Mechanical Engg.	7ME5-11	I. C. Engines	Introduction	https://erp.skit.ac.in/vlectures/gyandan/327/1749/
2007	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	Classification	https://erp.skit.ac.in/vlectures/gyandan/327/1750/
2008	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	Energy Balance	https://erp.skit.ac.in/vlectures/gyandan/327/1751/
2009	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	Testing and performance	https://erp.skit.ac.in/vlectures/gyandan/327/1752/
2010	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	Testing and performance	https://erp.skit.ac.in/vlectures/gyandan/327/1753/
2011	Ashish Nayyar	Mechanical Engg.	7ME5-11	I. C. Engines	Combustion in SI engines	https://erp.skit.ac.in/vlectures/gyandan/327/1754/
2012	Ashish Nayyar	Mechanical Engg.	7ME5-11	I. C. Engines	Detonation	https://erp.skit.ac.in/vlectures/gyandan/327/1755/
2013	Ashish Nayyar	Mechanical Engg.	7ME5-11	I. C. Engines	Surface ignition	https://erp.skit.ac.in/vlectures/gyandan/327/1756/
2014	Ashish Nayyar	Mechanical Engg.	7ME5-11	I. C. Engines	Combustion in CI engines	https://erp.skit.ac.in/vlectures/gyandan/327/1757/
2015	Ashish Nayyar	Mechanical Engg.	7ME5-11	I. C. Engines	Knocking in CI engine	https://erp.skit.ac.in/vlectures/gyandan/327/1758/
2016	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	Alternative fuels	https://erp.skit.ac.in/vlectures/gyandan/327/1759/
2017	Sushil Surana	Mechanical Engg.	7ME5-11	I. C. Engines	Fuel supply in SI engines	https://erp.skit.ac.in/vlectures/gyandan/327/1760/

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2018	Sushil Surana	Mechanical Engg.	7ME5-11	I. C. Engines	Fuel supply in CI engines	https://erp.skit.ac.in/vlectures/gyandan/327/1761/
2019	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Ignition systems	https://erp.skit.ac.in/vlectures/gyandan/327/1762/
2020	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Electronic ignition systems	https://erp.skit.ac.in/vlectures/gyandan/327/1763/
2021	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Engine Friction	https://erp.skit.ac.in/vlectures/gyandan/327/1764/
2022	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Engine Lubrication	https://erp.skit.ac.in/vlectures/gyandan/327/1765/
2023	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Engine Cooling	https://erp.skit.ac.in/vlectures/gyandan/327/1766/
2024	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Supercharging	https://erp.skit.ac.in/vlectures/gyandan/327/1767/
2025	Ankit Kumar Agarwal	Mechanical Engg.	7ME5-11	I. C. Engines	Two stroke engines	https://erp.skit.ac.in/vlectures/gyandan/327/1768/
2026	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	VCR engine	https://erp.skit.ac.in/vlectures/gyandan/327/1769/
2027	Sushil Surana	Mechanical Engg.	7ME5-11	I. C. Engines	Rotary, dual fuel and multi fuel engines	https://erp.skit.ac.in/vlectures/gyandan/327/1770/
2028	Chandan Kumar	Mechanical Engg.	7ME5-11	I. C. Engines	VCR engine	https://erp.skit.ac.in/vlectures/gyandan/327/1942/