

UPLOADED YOUTUBE CONTENTS

List of Recorded Video Lectures on various topics available for the students of engineering stream:

Sl. No.	Name of faculty	Topic	Link
1.	Prof. Pavan Kumar Shukla	Review of Vector Algebra	https://www.youtube.com/watch?v=1rn2lc3h_IM&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=1
2.	Prof. Pavan Kumar Shukla	Cross product and Co-ordinate System	https://www.youtube.com/watch?v=0h0E29T9VQE&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=3
3.	Prof. Pavan Kumar Shukla	Co-ordinate System	https://www.youtube.com/watch?v=9K_dZg-XT7w&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=4
4.	Prof. Pavan Kumar Shukla	Conversion of Co-ordinate Systems	https://www.youtube.com/watch?v=7hbaEQkTan&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=5
5.	Prof. Pavan Kumar Shukla	Electrostatic Field	https://www.youtube.com/watch?v=8TvI9mx16j8&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=6
6.	Prof. Pavan Kumar Shukla	Vector Analysis- Review of Vector Algebra	https://www.youtube.com/watch?v=1rn2lc3h_IM&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW
7.	Prof. Pavan Kumar Shukla	Vector Analysis- Vector Algebra	https://www.youtube.com/watch?v=sWu5pBCAz7s&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=2
8.	Prof. Pavan Kumar Shukla	Antennas Fundamentals	https://www.youtube.com/watch?v=LTf10bFUCpc&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=7
9.	Prof. Pavan Kumar Shukla	Ground Wave Propagation	https://www.youtube.com/watch?v=sneLS8JczPw&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=8
10.	Prof. Pavan Kumar Shukla	Radio Wave Propagation	https://www.youtube.com/watch?v=4x_DYstXWS8&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=9

11.	Prof. Pavan Kumar Shukla	Antenna Array - An Introduction	https://www.youtube.com/watch?v=4YYjgsdI_nc&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=10
12.	Prof. Pavan Kumar Shukla	Different Cases of Two Elements Array	https://www.youtube.com/watch?v=ldv1fyo6nOc&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=11
13.	Prof. Pavan Kumar Shukla	Concept of Phased Array/Adaptive Array	https://www.youtube.com/watch?v=uTEvehOVB48&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=12
14.	Prof. Pavan Kumar Shukla	Array of Two Point Sources	https://www.youtube.com/watch?v=bhtzc7r_AIs&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=13
15.	Prof. Pavan Kumar Shukla	End-Fire Array (EFA)	https://www.youtube.com/watch?v=SKBEw94pDIQ&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=14
16.	Prof. Pavan Kumar Shukla	N-Elements Array	https://www.youtube.com/watch?v=97v4dD6f0HM&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=15
17.	Prof. Pavan Kumar Shukla	Folded Dipole and Yagi Uda Antenna	https://www.youtube.com/watch?v=MYLKKYoGxls&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=16
18.	Prof. Pavan Kumar Shukla	Microstrip Antenna	https://www.youtube.com/watch?v=MWi4TPolzAE&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=17
19.	Prof. Pavan Kumar Shukla	FRIIS Transmission Equations	https://www.youtube.com/watch?v=bnu_Zli4x4w&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=18
20.	Prof. Pavan Kumar Shukla	Polarization	https://www.youtube.com/watch?v=vKVOtIEbbR8&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=19
21.	Prof. Pavan Kumar Shukla	Ampere's Circuital Law	https://www.youtube.com/watch?v=3LLqWLJJAIE&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=21
22.	Prof. Pavan Kumar Shukla	Maxwell's Equations	https://www.youtube.com/watch?v=nbfCcv4uKdE&list=PLJqGDzLkN78Uh3Zqpyyuk0eZvKfROmXJW&index=20

23.	Mr. Amit Yadav	Concept of Horizontal and vertical microprogramming	https://www.youtube.com/watch?v=7mcQxw72V_D0
24.	Mr. Amit Yadav	Logic Gates	https://www.youtube.com/watch?v=JHRllw_-NIE
25.	Mr. Amit Yadav	Instruction format	https://www.youtube.com/watch?v=CBweHDNs_G5w
26.	Mr. Amit Yadav	Registers in COA	https://www.youtube.com/watch?v=lqs3djIgXRw
27.	Mr. Amit Yadav	Multiplexer (MUX)	https://www.youtube.com/watch?v=1gFYaAPWF_J0
28.	Mr. Amit Yadav	Addressing Mode in COA	https://www.youtube.com/watch?v=9xwotIUCq5_M
29.	Mr. Amit Yadav	Block diagram of computer	https://www.youtube.com/watch?v=TUuiNSy0jQ_Q
30.	Mr. Amit Yadav	CPU organization	https://www.youtube.com/watch?v=7hD4QoBco6_k
31.	Mr. Amit Yadav	three state buffer & tri state buffer ,bus line,Bus line with three state buffer	https://www.youtube.com/watch?v=KsxYAlVUH_cQ
32.	Mr. Amit Yadav	Decoder	https://www.youtube.com/watch?v=mmJuiJhs_3_E
33.	Mr. Amit Yadav	three state buffer, bus transfer using multiplexer, decoder	https://www.youtube.com/watch?v=9SWaDCSjU_yU
34.	Mr. Amit Yadav	control unit, hardwired and microprogrammed control unit in computer organization and architecture	https://www.youtube.com/watch?v=Ay50ICEcpi_w
35.	Mr. Amit Yadav	Question based on booth multiplier in COA, numerical, negative number multiplication	https://www.youtube.com/watch?v=3qhIHf-OqqS
36.	Mr. Amit Yadav	Micro operation,shift micro operations, logical arithmetic and circular micro operations in COA	https://www.youtube.com/watch?v=0I7D33VeMc_Y
37.	Mr. Amit Yadav	Page replacement algorithm in COA ,FIFO, LRU Optimal,hit	https://www.youtube.com/watch?v=Akfv32g3or8

		ratio,miss ratio, page fault in computer	
38.	Mr. Amit Yadav	three,two,one & zero address instruction format, opcode,mode,operand in COA	https://www.youtube.com/watch?v=iHg2MbflFM_c
39.	Mr. Amit Yadav	Instruction cycle and sub cycles in computer organization and architecture COA ,fetch, decode execute	https://www.youtube.com/watch?v=iRSyPTUDV_vY
40.	Mr. Amit Yadav	Microoperation in COA computer organization & Architecture register transfer, shift, arithmetic logic	https://www.youtube.com/watch?v=BYxk0X655_hw
41.	Mr. Amit Yadav	Input output subsystem in computer organization architecture, input device and output device in COA	https://www.youtube.com/watch?v=7G6heWaIn4_E
42.	Mr. Amit Yadav	Parallel adder, carry look ahead adder, IEEE standard for floating point numbers, CLA adder, single pr	https://www.youtube.com/watch?v=VR5TMOUg_MT8
43.	Mr. Amit Yadav	COA Marathon half adder, full adder Parallel &RCA adder array, booth multiplier &IEEE floating	https://www.youtube.com/watch?v=vB5eWU_X_GZk
44.	Mr. Amit Yadav	Array multiplier in COA, Computer organization and architecture	https://www.youtube.com/watch?v=NXZ2rN3In7_k
45.	Mr. Amit Yadav	Booth Multiplier, COA , COMPUTER ORGANIZATION& ARCHITECTURE ,booth algorithms	https://www.youtube.com/watch?v=4CkSdj9pZv_4
46.	Mr. Amit Yadav	HALF ADDER, COA, computer organization and architecture, digital electronic, aktu university exam	https://www.youtube.com/watch?v=TLBd3B5W_W0A

47.	Mr. Amit Yadav	Infix notation, prefix notation (polish notation), postfix notation reverse polish notations stack org	https://www.youtube.com/watch?v=gREYovpWfs8
48.	Mr. Amit Yadav	three state buffer, bus transfer using multiplexer, decoder	https://www.youtube.com/watch?v=9SWaDCSjUyU
49.	Mr. Amit Yadav	instruction set of 8085 microprocessor ADD, MOV, MVI, LDA & STA instructions	https://www.youtube.com/watch?v=HR5CW2Dkeos
50.	Mr. Amit Yadav	Addressing Mode of 8085 Microprocessor Immediate, Register Direct, Indirect & Implicit AM	https://www.youtube.com/watch?v=U58KPJZ323U
51.	Mr. Amit Yadav	What is ARM Processor?	https://www.youtube.com/watch?v=MkBDsjqT7Y
52.	Mr. Amit Yadav	ARM, Instructions set, Arithmetic instructions, Logical instructions MOV, MVN	https://www.youtube.com/watch?v=Tzqkz6fTDRU
53.	Mr. Amit Yadav	Flag register of 8085 Microprocessor, sign flag zero flag, auxiliary carry flag parity & carry flag	https://www.youtube.com/watch?v=Q2gPS16gkFk
54.	Mr. Amit Yadav	Instruction word size of 8085MP One byte instructions, two & three byte instructions	https://www.youtube.com/watch?v=dvWWIFCHf34
55.	Dr. Surya Deo Choudhary	Analysis of an LTI System using Laplace Transform	https://www.youtube.com/results?search_query=https%3A%2F%2Fyoutu.be%2FDelaZD1Ayhk
56.	Mr. Ranjan Kumar	Control system, Nyquist Plot Numerical Problem	https://www.youtube.com/watch?v=NdDcgIuSQa8&list=PLEb3F2tZjHOa6hVLZFso54Rf2wssbTlXK&index=2
57.	Mr. Ranjan Kumar	Control system, polar Plot and Nyquist Plot, Introduction	https://www.youtube.com/watch?v=MIJuuRCFSf8&list=PLEb3F2tZjHOa6hVLZFso54Rf2wssbTlXK

58.	Mr. Ranjan Kumar	Control System, Polar and Nyquist Plot Basic	https://www.youtube.com/watch?v=r7LvYwySLs_w&list=PLeb3F2tZjHOa6hVLZFso54Rf2wssbTlXK&index=3
59.	Mr. Ranjan Kumar	Control system, Nyquist Plot	https://www.youtube.com/watch?v=v5Vc56wGHXQ&list=PLeb3F2tZjHOa6hVLZFso54Rf2wssbTlXK&index=4
60.	Mr. JitendraSaroj	Gain Vs Frequency Graph in HFSS	https://www.youtube.com/watch?v=XiJA_P3t-sc&list=PLnWvsQrB1aci53O5_SfZ1FdUg_3iyJWtM&index=2&t=17s
61.	Mr. JitendraSaroj	How to Install Ansoft HFSS 13 on Window 7	https://www.youtube.com/watch?v=EzVVimtWax8&list=PLnWvsQrB1aci53O5_SfZ1FdUg_3iyJWtM&index=2
62.	Mr. Jitendra Saroj	CST beginners tutorial for Microwave Antenna Design	https://www.youtube.com/watch?v=xqZqya3GKjo&list=PLnWvsQrB1aci53O5_SfZ1FdUg_3iyJWtM&index=3
63.	Mr. Jitendra Saroj	Microstrip Patch Antenna for WLAN	https://www.youtube.com/watch?v=lsWghBIVkos&list=PLnWvsQrB1aci53O5_SfZ1FdUg_3iyJWtM&index=4
64.	Mr Anshuman Singh	Basic of Optical Fiber	https://www.youtube.com/watch?v=CMWmGtu2DGY
65.	Mr. Jitendra Saroj	Microstrip Patch Antenna using HFSS (Part-1)	https://www.youtube.com/watch?v=vLUh9k4XxKI&list=PLnWvsQrB1aci53O5_SfZ1FdUg_3iyJWtM&index=7
66.	Mr. Jitendra Saroj	Microstrip Patch Antenna using HFSS (Part-2)	https://www.youtube.com/watch?v=6Dwnm-dnM0I&list=PLnWvsQrB1aci53O5_SfZ1FdUg_3iyJWtM&index=6
67.	Mr. Jitendra Saroj	How to format your Project/Dissertation/Thesis Report in Microsoft Office Word	https://www.youtube.com/watch?v=AUbLILRmH2w&list=PLnWvsQrB1acgM6JqqmzGO4JL1D6vp5HI2&index=2
68.	Mr. Jitendra Saroj	How to install Security Certificate for all Browser by single process	https://www.youtube.com/watch?v=vwztz3-PqRA&list=PLnWvsQrB1acgM6JqqmzGO4JL1D6vp5HI2&index=3
69.	Mr. Jitendra Saroj	Arduino components, pin description and IDE programming	https://www.youtube.com/watch?v=jPVc4FOBMaI&list=PLnWvsQrB1acgM6JqqmzGO4JL1D6vp5HI2&index=5

70.	Mr. Jitendra Saroj	My First Program on Arduino Board	https://www.youtube.com/watch?v=aWB3ypIAZvc&list=PLnWvsQrB1acgM6JqqmzGO4JL1D6vp5HI2&index=6
71.	Mr. Jitendra Saroj	Vacuum Gripper Part-1	https://www.youtube.com/watch?v=GQFSB9YxFsY&list=PLnWvsQrB1acgkagThFLD9QmGTmN-kSYhe&index=1
72.	Mr. Jitendra Saroj	Robot studio Tutorial	https://www.youtube.com/watch?v=IGFIopXQhF0&list=PLnWvsQrB1acgkagThFLD9QmGTmN-kSYhe&index=2
73.	Mr. Jitendra Saroj	Accelerometer controlled robotic arm using arduino	https://www.youtube.com/watch?v=Mok-RPgIL7U&list=PLnWvsQrB1acgkagThFLD9QmGTmN-kSYhe&index=4
74.	Mr. Jitendra Saroj	RobotStudio (Vacuum Gripper)	https://www.youtube.com/watch?v=Mok-RPgIL7U&list=PLnWvsQrB1acgkagThFLD9QmGTmN-kSYhe&index=4
75.	Mr. Jitendra Saroj	Robotic arm using arduino	https://www.youtube.com/watch?v=DskbFJhZNP4&list=PLnWvsQrB1acgkagThFLD9QmGTmN-kSYhe&index=5
76.	Mr. Anshu Kumar	Directivity	https://www.youtube.com/watch?v=3cT6PCAEqK0
77.	Mr. Ranjan Kumar	Bode Plot Introduction, Control system	https://www.youtube.com/watch?v=kdIBBfe2RuY&list=PLeb3F2tZjHOaImnU7IfkPbFGI5Gaub9V2&index=1
78.	Mr. Ranjan Kumar	Bode Plot Problem, Semilog Paper	https://www.youtube.com/watch?v=p75hfyUd7C8&list=PLeb3F2tZjHOaImnU7IfkPbFGI5Gaub9V2&index=2
79.	Mr. Ranjan Kumar	control system, Gate previous year questions On Bode Plot, Part 1	https://www.youtube.com/watch?v=vw9tAYJI364&list=PLeb3F2tZjHOaImnU7IfkPbFGI5Gaub9V2&index=3
80.	Mr. Ranjan Kumar	control system, previous year Question, Time domain Analysis	https://www.youtube.com/watch?v=nscuCslnaVM&list=PLeb3F2tZjHOaImnU7IfkPbFGI5Gaub9V2&index=4
81.	Mr. Ranjan Kumar	control system, Previous year question, Time Domain Analysis -2	https://www.youtube.com/watch?v=Czs8j7P73OE&list=PLeb3F2tZjHOaImnU7IfkPbFGI5Gaub9V2&index=2

82.	Mr. Ranjan Kumar	Control System, Previous year question, Time Domain Analysis -3	https://www.youtube.com/watch?v=DwrXuBqr19w&list=PLeb3F2tZjHOObMzmnCiv92vk4Ykbn3ucOw&index=3
83.	Mr. Ranjan Kumar	control system, previous year Question, Time Domain Analysis-4	https://www.youtube.com/watch?v=24NUVrWNGM&list=PLeb3F2tZjHOObMzmnCiv92vk4Ykbn3ucOw&index=4
84.	Mr. Ranjan Kumar	Control system, Root Locus Introduction	https://www.youtube.com/watch?v=8GzXINHmtl4&list=PLeb3F2tZjHOZLi1oLyQL-vDQvsNSO10e1
85.	Mr. Ranjan Kumar	control system, Root Locus Design	https://www.youtube.com/watch?v=hh_BP5WcOtY&list=PLeb3F2tZjHOZLi1oLyQL-vDQvsNSO10e1&index=2
86.	Mr. Ranjan Kumar	control system, Root Locus, Lecture 3	https://www.youtube.com/watch?v=CxdWBa8DMvE&list=PLeb3F2tZjHOZLi1oLyQL-vDQvsNSO10e1&index=3
87.	Mr. Ranjan Kumar	Control system, Root Locus, lecture 4	https://www.youtube.com/watch?v=ZVbORBTxTc4&list=PLeb3F2tZjHOZLi1oLyQL-vDQvsNSO10e1&index=4
88.	Mr. Dheeraj Tripathi	OSI layer with help of short story	https://www.youtube.com/watch?v=Tl1ix1GoWrA&feature=youtu.be
89.	Mr. Himanshu Yadav	Numerical on Amplitude Modulation	https://www.youtube.com/watch?v=n0oIexWOrsk&feature=youtu.be
90.	Mr. Ashutosh Singh	Electronic Measurement & Instrumentation Introduction	https://www.youtube.com/watch?v=g738aaOtQx0
91.	Mr. Kamal Bhatia	Transient Analysis Introduction	https://www.youtube.com/watch?v=tEcv5Fzzpwc
92.	Mr. Amit Yadav	Finite state machine (FSM)	https://www.youtube.com/watch?v=cXN6az5QHFs
93.	Mrs. Sarabjeet Kaur	Duals and Duality	https://www.youtube.com/watch?v=JNtQoVX6v70
94.	Ms. Nidhi Sharma	Introduction to tree traversal	https://www.youtube.com/watch?v=swY0Jfe15b4