



Ref. No. _____

Dated: _____

3.4.7

E-content is developed by teachers:

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1. For e-PG-Pathshala, 2. For CEC (Under Graduate), 3. For SWAYAM, 4. For other MOOCs platform, 5. For NPTEL/NMEICT/any other Government Initiatives 6. For Institutional LMS

Name of the teacher	Name of the module developed	Platform on which module is developed	Date of launching e content	Link to the relevant document and facility available in the institution	List of the e-content development facility available	Provide link to videos of the media centre and recording facility
Dr. Manmohan Singh	National Project Implementation Unit (IoT Course Material)	Institutional LMS	-	https://drive.google.com/drive/folders/1UIAja19pOsJOqk1_Fatz2gjqhVob67p7	Lecture Capturing System(LCS)	http://eie.sliet.ac.in/e-learning/
Dr. J.S. Dhillon	Control System Lab (PCEE_613) online teaching material	Institutional LMS	-	http://eie.sliet.ac.in/files/2021/03/Control-System-Lab-PCEE_613-online-teaching-material.pdf	Lab 104, MATLAB	http://eie.sliet.ac.in/e-learning/
Dr. M.S. Manna	Lectures on Electric Traction, Electric Welding, Green House Effect and Climate Change, and Energy Auditing	Institutional LMS and Youtube	-	http://eie.sliet.ac.in/e-learning/	Lecture Capturing System(LCS)	http://eie.sliet.ac.in/e-learning/
Er. Asim Ali Khan	Lectures on Digital Signal Processing	Institutional LMS and Youtube	-	http://eie.sliet.ac.in/e-learning/	Lecture Capturing System(LCS)	http://eie.sliet.ac.in/e-learning/

Dr. Gurmeet Singh	Lectures on 3-phase Induction Machine	Institutional LMS and Youtube	-	http://eie.sliet.ac.in/e-learning/	Lecture Capturing System(LCS)	http://eie.sliet.ac.in/e-learning/
Divesh Bharti	Heat transfer in forced convection apparatus : Thermal Lab experiments	Youtube	15-03-2021		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/2mXgUM_1LtM?si=gIFbfvTOCDhxn_JK
Divesh Bharti	Kinematics of Machines Velocity Diagram Graphical Method to Calculate Velocity of Four Bar Chain	Youtube	25-03-2021		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/iPi_4UmgJ38?si=ymuRa3JOCOrJBloa
Divesh Bharti	Rankine Cycle/Vapour Power Cycle	Youtube	27-03-2021		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/ivw1ulTJ9j4?si=n6SRB4LHk_AWa7eq
Divesh Bharti	Thermal Conductivity of Insulating Powder Using Sphere Configuration	Youtube	04-05-2021		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/jf5hMQCvh68?si=VkcbL0-517z3N2H4
Divesh Bharti	Introduction to Coupling? Types of Coupling Rigid Coupling & Flexible Coupling	Youtube	19-04-2021		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/yLFh_tTZijE?si=imy86GQ2pPyz95EC

Divesh Bharti	Design of Flange Coupling	Youtube	20-04-2021		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/ZRkHOC747Wk?si=kk7cUiUufs m4GI2l
Divesh Bharti	01 Introductory Lecture/ Aptitude Series	Youtube	29-07-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/BZlbAbpDRX4?si=XeEIS3BdM885qqnD
Divesh Bharti	02 Basic of Number System, Rational/Irrational Numbers and Co-Prime Numbers.	Youtube	31-07-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/qOQoJsWBGwM?si=dRvybDJ TUyQeLjjq
Divesh Bharti	03 Co-Prime Numbers and Rule of Counting Principle	Youtube	08-02-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/jpCnxEgttJU?si=nmX54_aGLMjnfM2J
Divesh Bharti	04 How to Convert Recurring Decimal into Fraction, Perfect Square Observation and Short trick to find 75 to 125 Square.	Youtube	08-03-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/tIYi635DAv4?si=iDIFZsQ-TIbBDT5W
Divesh Bharti	05 Short trick to find 25 to 75 Square, Factors, Number of Factors & Product of Factors and Arithmetic Equations	Youtube	08-06-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/MV2PRaBUbBQ?si=drYY9q-H9ih5O1E6

Divesh Bharti	06 Divisibility Rules	Youtube	08-08-2024
Divesh Bharti	07 Rule of Indices, Odd/Even Numbers and Comparison of Fractions	Youtube	08-10-2024
Divesh Bharti	08 Surds and Indices, Observations on Two-digit and Three-digit Numbers, Concept of Negative Remainder	Youtube	08-12-2024
Divesh Bharti	09 Concept of LCM	Youtube	14-08-2024
Divesh Bharti	10 Concept of HCF	Youtube	28-08-2024
Divesh Bharti	11 Rule of Cyclicity, Unit Digit of x^y, Concept of Factorial in Unit Digit Problems	Youtube	30-08-2024
Divesh Bharti	12 Number of Zeros, Factorial Concept in Finding Number of Zeros	Youtube	19-09-2024
Divesh Bharti	13 Remainder	Youtube	24-09-2024

smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/RsilU-a3GiY?si=BPsgITgAmGCzf0fc
smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/nwSOGyzW3S4?si=RgEG65Q-WhaJlUsa
smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/qNV1PRA2680?si=tQLEOFDQhFmbG2dF
smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/AddwsmLk0Tk?si=h_TQzJLn9cTzg9lr
smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/8lR-aJticlw?si=wcHW10MWbleA20fg
smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/Kclj7YWWbuA?si=iouGhn7kqV-C6ZFt
smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/9NN-wtpPjtw?si=lsR8o8xw4RliYkfk
smart board, WiFi/LAN, audio	https://youtu.be/Elctta2TIZo?si

	r Theorem (Part-1)				video recording facilities	=W lk hn35MV-X2hq
Divesh Bharti	14 Remainder Theorem (Part-2)	Youtube	26-09-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/nWlQ6PAwkHo?si=mc9pv10-Hjpi5riY
Divesh Bharti	15 Cutting of Cubes (Cut to Pieces)	Youtube	10-02-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/CRtnGLFZZ5Q?si=WZzMYw2GsnDRNt0t
Divesh Bharti	16 Cutting of Cubes (Pieces to Cut; Concept of Division of Cubes)	Youtube	10-05-2024		smart board, WiFi/LAN, audio video recording facilities	https://youtu.be/2r2hJAi4jSU?si=7OWwP4JgFUFO078s
Prof. K.S. Kahlon	To setup ESR spectrometer and to determine the g-factor of electron using sample of DPPH	For Institutional LMS	04-Jun-24	http://phy.sliet.ac.in/departments-infrastructure/	Wi-fi, Smart Classroom, Latest Computer, audio and video recorders, content mixing softwares	https://www.youtube.com/watch?v=BH6oWK1FT20
Prof. K.S. Kahlon	To determine em ratio by Millikan oil drop method	For Institutional LMS	31-May-24	http://phy.sliet.ac.in/departments-infrastructure/	Wi-fi, Smart Classroom, Latest Computer, audio and video recorders, content mixing softwares	https://www.youtube.com/watch?v=pKXcxaKL0_k
Prof. K.S. Kahlon	Measurement of dielectric constant of given solid material (Bakelite and rubber)	For Institutional LMS	04-Jun-24	http://phy.sliet.ac.in/departments-infrastructure/	Wi-fi, Smart Classroom, Latest Computer, audio and video recorders, content mixing softwares	https://www.youtube.com/watch?v=EhvOyCFAB-c
Prof. K.S. Kahlon	To calculate dielectric constant of given dielectric material	For Institutional LMS	09-Aug-24	http://phy.sliet.ac.in/departments-infrastructure/	Wi-fi, Smart Classroom, Latest Computer, audio and video recorders, content mixing softwares	https://www.youtube.com/watch?v=m5oFpFlisEY
Prof. K.S. Kahlon	RC Phase Shift Oscillator	For Institutional LMS	15-Jun-24	http://phy.sliet.ac.in/departments-infrastructure/	Wi-fi, Smart Classroom, Latest Computer, audio and video recorders, content mixing softwares	https://www.youtube.com/watch?v=8DpptsIGq3U

Prof. K.S. Kahlon	ICD Theory and Practical	For Institutional LMS	21-Oct-24	http://phy.sliet.ac.in/departement-infrastructure/	Wi-fi, Smart Classroom, Latest Computer, audio and video recorders, content mixing softwares	https://drive.google.com/drive/folders/1MEZcStiSlQpoKbmbWxJYqAGMxke7jddL
Prof. H. K. Chopra	ESR Spectroscopy	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/t3QDG8ZIX-8	https://youtu.be/t3QDG8ZIX-8
Prof. H. K. Chopra	NMR Spectroscopy (Basic Concepts)	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/bFPhvnW8T18	https://youtu.be/bFPhvnW8T18
Prof. H. K. Chopra	Group transfer reactions (Pericyclic Reactions)	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/dqgHOypef_M	https://youtu.be/dqgHOypef_M
Prof. H. K. Chopra	Prevention of corrosion	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/5WGanjf0YtE	https://youtu.be/5WGanjf0YtE
Prof. H. K. Chopra	Corrosion	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/xrBnxxN-RUw	https://youtu.be/xrBnxxN-RUw
Prof. H. K. Chopra	Nanomaterials	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/crDd1RFIUPo	https://youtu.be/crDd1RFIUPo
Prof. H. K. Chopra	4+2 Cycloaddition Reactions (Diels-Alder Reaction)	Youtube		http://sliet.ac.in/wp-content/uploads/2020/06/Video_Lectures_Link_Harsh_Chopra.pdf	https://youtu.be/VlFq6ee49Zk	https://youtu.be/VlFq6ee49Zk

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