


**ICT record (A.Y 2023-24 Sem II)**


**Subject – ATD**

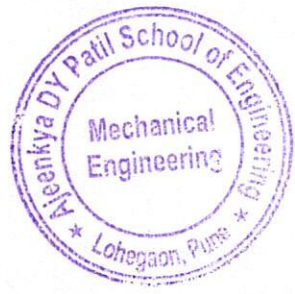
[Back](#)

Select Class  Select Subject

Topic	Description	Size(Kb)	File ID	File	Access Link			
IC Engine Testing and Emission	IC Engine Testing and Emission	0	6732me7hQVgW	Link	<a href="https://docs.google.com/presentation/d/1cSLlwSP2C6NSzj_oq4YyQfR9Fdv3bR1d/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1cSLlwSP2C6NSzj_oq4YyQfR9Fdv3bR1d/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true</a>			
SI and CI Engine	SI and CI Engine	0	6732meA2jicc	Link	<a href="https://docs.google.com/presentation/d/1kV1puQgTyHybWrHg96rHGJguv61oqnV/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1kV1puQgTyHybWrHg96rHGJguv61oqnV/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true</a>			
Basics of Refrigeration and Psychrometry	Basics of Refrigeration and Psychrometry	0	6732meM2Nr4U	Link	<a href="https://drive.google.com/file/d/1kKNoJ5EfZPshC65kzM9fetk836YRdAyN/view">https://drive.google.com/file/d/1kKNoJ5EfZPshC65kzM9fetk836YRdAyN/view</a>			
Compressor	Compressor	0	6732mesH5rUI	Link	<a href="https://drive.google.com/file/d/1brA1q23ehd7dxD_nIOBafzMhIRAWpQsf/view?usp=drive_link">https://drive.google.com/file/d/1brA1q23ehd7dxD_nIOBafzMhIRAWpQsf/view?usp=drive_link</a>			
Introduction to Internal Combustion (IC) Engine	Introduction to Internal Combustion (IC) Engine	0	6732meW8r6Y4	Link	<a href="https://docs.google.com/presentation/d/16KJdqVbN02_cPNccO8S5pppiE-xbz0n/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/16KJdqVbN02_cPNccO8S5pppiE-xbz0n/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true</a>			
Engine Systems and Alternative Fuel	Engine Systems and Alternative Fuel	0	6732meZpFavt	Link	<a href="https://docs.google.com/presentation/d/1uoh6nTxpox89Me90_nRrLu_Bhz1mDXyO/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1uoh6nTxpox89Me90_nRrLu_Bhz1mDXyO/edit?usp=drive_link&amp;ouid=109769049050989566209&amp;rtpof=true&amp;sd=true</a>			

  
 Prof. D. D. Shelke  
 Subject In charge

  
 Prof. R. N. Garad  
 HoD





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**Department of Mechanical Engineering**

### ICT Record (2023-24) SEM-II

Subject: Energy Engineering

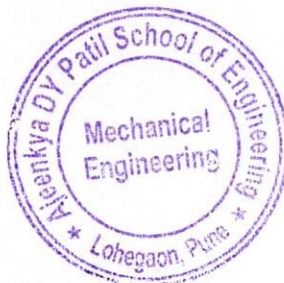
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Select Class:  Select Subject:

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	unit 2	steam condenser	nptel link	0	6732me5kye5C	Link	<a href="https://nptel.ac.in/courses/112103277">https://nptel.ac.in/courses/112103277</a>
No	unit 1	Introduction to thermal Power Plant	unit 1 Power point presentation	0	6732meg26v8n	Link	<a href="https://docs.google.com/presentation/d/1h3XsO2vbGqn6vEIJYkGExqAEBa9T4iMIusp=drive_link&amp;ouid=107687746641623992750&amp;rtfpof=true&amp;sd=true">https://docs.google.com/presentation/d/1h3XsO2vbGqn6vEIJYkGExqAEBa9T4iMIusp=drive_link&amp;ouid=107687746641623992750&amp;rtfpof=true&amp;sd=true</a>
No	unit 3	Hydel diesel and nuclear energy	nptel link	0	6732meLAQBMz	Link	<a href="https://nptel.ac.in/courses/103103206">https://nptel.ac.in/courses/103103206</a>
No	unit 4	Improved gas power cycle	power point Presentation on 4th unit	0	6732meuxCHJ0	Link	<a href="https://docs.google.com/presentation/d/1WsXZV2J7nLua7dZGDo7i0XkfgG-bsetusp=drive_link&amp;ouid=107687746641623992750&amp;rtfpof=true&amp;sd=true">https://docs.google.com/presentation/d/1WsXZV2J7nLua7dZGDo7i0XkfgG-bsetusp=drive_link&amp;ouid=107687746641623992750&amp;rtfpof=true&amp;sd=true</a>
No	unit 6	renewable enrgy	nptel link	0	6732mevehpT	Link	<a href="https://nptel.ac.in/courses/115103123">https://nptel.ac.in/courses/115103123</a>
No	syllabus copy	syllabus copy	syllabus of BE 2019 pat	0	6732meVvQM1R	Link	

**Prof. Jagruti C. Nimgulkar**  
Subject Incharge

**Prof. Rohit N. Garad**  
HOD Mechanical Engineering





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**Department of Mechanical Engineering**

**ICT Record (A. Y. 2023-24 Sem - II)**

Subject: Mechanical System Laboratory (Practicals)

**Manage Learning Material** Back

Select Class:  Select Subject:

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link			
No	CFD Assignment	Effect of Reynolds number on the vorticity patterns.	Youtube link for reference	0	6732me6qyNlz	Link	<a href="https://www.youtube.com/watch?v=kELMQEQLdCu">https://www.youtube.com/watch?v=kELMQEQLdCu</a>			
No	MBD Assignment	1. Four bar mechanism/Slider crank mechanism Part 1	Youtube Link for Reference	0	6732me80b4M1	Link	<a href="https://www.youtube.com/watch?v=fjUkaVTdjTI&amp;ab_channel=BucketFullofKnowledge">https://www.youtube.com/watch?v=fjUkaVTdjTI&amp;ab_channel=BucketFullofKnowledge</a>			
No	MBD Assignment	2. Cam and follower System	You tube link for reference	0	6732me96TiLW	Link	<a href="https://www.youtube.com/watch?v=4sjgmUXU_0c&amp;ab_channel=BhaskarBharatha">https://www.youtube.com/watch?v=4sjgmUXU_0c&amp;ab_channel=BhaskarBharatha</a>			
No	CFD Assignment	numerical simulation and analysis of 2D square lid driven cavity	Youtube Link for reference	0	6732me9p2VxS	Link	<a href="https://www.youtube.com/watch?v=uozWZHA478U">https://www.youtube.com/watch?v=uozWZHA478U</a>			
No	MBD Assignment	3. Mobile Robot	You tube link for reference	0	6732meazpFHT	Link	<a href="https://www.youtube.com/watch?v=GwSzNshNhbA&amp;ab_channel=BhaskarBharatha">https://www.youtube.com/watch?v=GwSzNshNhbA&amp;ab_channel=BhaskarBharatha</a>			
No	CFD Assignment	Flow through Pipe	Youtube link for reference	0	6732meClK6BP	Link	<a href="https://www.youtube.com/watch?v=uZAh_K_wUYo&amp;t=645s">https://www.youtube.com/watch?v=uZAh_K_wUYo&amp;t=645s</a>			

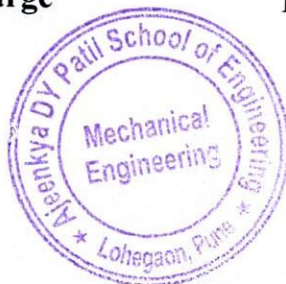
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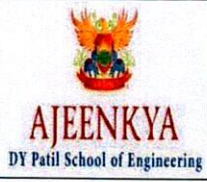
Select Class:  Select Subject:

No	Assignment	Flow through Pipe	for reference	0	6732meClK6BP	Link	<a href="https://www.youtube.com/watch?v=uZAh_K_wUYo&amp;t=645s">v=uZAh_K_wUYo&amp;t=645s</a>			
No	CFD Assignment	Analysis of boundary layer over a flat plate	Youtube Link for reference	0	6732meeTGcQB	Link	<a href="https://www.youtube.com/watch?v=Y9tSUFVlqXg">https://www.youtube.com/watch?v=Y9tSUFVlqXg</a>			
No	CFD Assignment	Flow over flat plate	youtube link for reference	0	6732mefLorAb	Link	<a href="https://youtu.be/PdoSq8n2Npw">https://youtu.be/PdoSq8n2Npw</a>			
No	CFD Assignment	Fully Developed Flow through Pipe	Youtube Link for Reference	0	6732meilwXR	Link	<a href="https://www.youtube.com/watch?v=uZAh_K_wUYo">https://www.youtube.com/watch?v=uZAh_K_wUYo</a>			
No	CFD Assignment	CFD analysis of heat transfer in pin fin.	YOUTube Link for Reference	0	6732meS9tztI	Link	<a href="https://www.youtube.com/watch?v=RasNjxVy6mY">https://www.youtube.com/watch?v=RasNjxVy6mY</a>			
No	CFD Assignment	CFD Analysis of external flow: Circular Cylinder or Airfoil (NACA 0012)	You tube link for reference	0	6732meWnKk2S	Link	<a href="https://www.youtube.com/watch?v=nzvEVLcXosshttps://www.youtube.com/watch?v=nzvEVLcXoss">https://www.youtube.com/watch?v=nzvEVLcXosshttps://www.youtube.com/watch?v=nzvEVLcXoss</a>			
No	MBD Assignment	1. Four bar mechanism/Slider crank mechanism Part 2	You tube link for reference	0	6732meZr4NjX	Link	<a href="https://www.youtube.com/watch?v=ROUhdErn6ps&amp;ab_channel=BucketFullofKnowledge">https://www.youtube.com/watch?v=ROUhdErn6ps&amp;ab_channel=BucketFullofKnowledge</a>			

**Prof. Jagruti C. Nimgulkar**  
 Subject Incharge

**Prof. Rohit N. Garad**  
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Form No. IQAC/28

**ICT record (A.Y 2023-24 Sem I)**

**Subject – Composite Materials**

**Manage Learning Material**
Back

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Select Class

6732me-TE-SEM-II

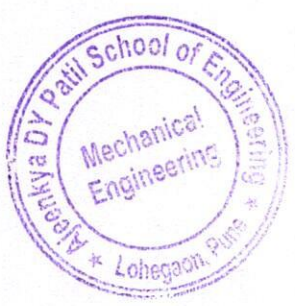
Select Subject

CM-302052-A-TH

Show Documents

	shear (Numerical).							
Introduction to Composites	Definitions, Need of Composites, Classification of Composites, Reinforcements and matrices, Types of reinforcements, Types of matrices, Types of composites, Natural Composites, Carbon Fiber composites, Properties of composites in comparison with standard materials.	0	6732mePbUoiL	Link	https://drive.google.com/drive/folders/12hU6h_pVF_eSkj8n83BU_7L17Wf8hOZ?usp=drive_link			

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Select Class: **6732me-TE-SEM-II** Select Subject: **CM-302052-A-TH** Show Documents

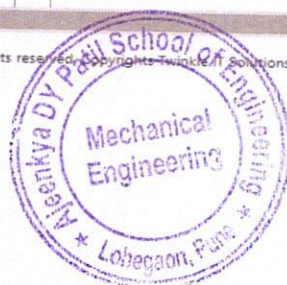
Sl. No.	Topic	Description	Size(Kb)	File ID	File	Access Link
	Polymer Matrix Composite	of interface properties. Polymer resins – thermosetting resins, thermoplastic resins – reinforcement fibers – roving's – woven fabrics – non woven random mats – various types of fibers. PMC processes – hand layup processes – spray up processes – compression moulding – reinforced reaction	0	6732mea5jqv1	Link	<a href="https://drive.google.com/drive/folders/1jmUp1lau63JEARHYRsbuW8GeM2CKTN4d?usp=drive_link">https://drive.google.com/drive/folders/1jmUp1lau63JEARHYRsbuW8GeM2CKTN4d?usp=drive_link</a>

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Select Class: **6732me-TE-SEM-II** Select Subject: **CM-302052-A-TH** Show Documents




Sl. No.	Topic	Description	Size(Kb)	File ID	File	Access Link
	Metal Matrix Composite	Characteristics and types of MMC, advantages and limitations of MMC. Reinforcements – particles – fibers. Effect of reinforcement – volume fraction – rule of mixtures. Processing of MMC – powder metallurgy process – diffusion bonding – stir casting – squeeze casting a spray	0	6732meaK68ji	Link	<a href="https://drive.google.com/drive/folders/198tVE_-4IDz_1cSf6VGLsXT2EmD3FtW_?usp=drive_link">https://drive.google.com/drive/folders/198tVE_-4IDz_1cSf6VGLsXT2EmD3FtW_?usp=drive_link</a>



**Manage Learning Material** Back

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Select Class: **6732me-TE-SEM-II** Select Subject: **CM-302052-A-TH** Show Documents




Mechanics of Composite Materials	constants, failure, fatigue, and long-term strength, methods of optimum design of materials and structures, Micromechanics of a Lamina, Unidirectional continuous fiber, discontinuous fibers, short fiber systems, woven reinforcements –Mechanical Testing: Determination of stiffness and strengths of	0	6732mejrLI5R	Link	<a href="https://drive.google.com/file/d/1IXOWW9RKD81-yC96odmbh199EE7hffYo/view?usp=drive_link">https://drive.google.com/file/d/1IXOWW9RKD81-yC96odmbh199EE7hffYo/view?usp=drive_link</a>	  
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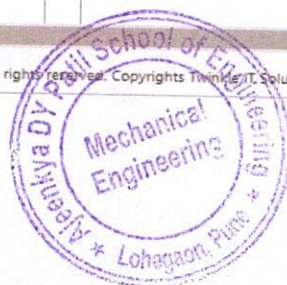
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Select Class: **6732me-TE-SEM-II** Select Subject: **CM-302052-A-TH** Show Documents

Testing, Inspection & Standards in Composites	Test Environments, Mechanical Test (Tensile, compression, shear & Fatigue) Bond Strength / Ply Adhesion ASTM F904, Testing Techniques for Composite Double Cantilever Beam, End Notch Flexure, Inter laminar Share Strength, Materials Nondestructive Inspection (NDI) of Composites.	0	6732meYyObUc	Link	<a href="https://drive.google.com/file/d/1O6Ik6aMADCH5PZgUNx6ar1P7sCG4BkrF/view?usp=drive_link">https://drive.google.com/file/d/1O6Ik6aMADCH5PZgUNx6ar1P7sCG4BkrF/view?usp=drive_link</a>	  
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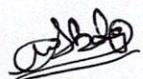
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Select Class: **6732me-TE-SEM-II** | Select Subject: **CM-302052-A-TH** | **Show Documents**

Application of Composite Materials Aerospace and Transportation application, viz LCA/LCH, Automobile Industry - lightweight, cost-effective, multi-material technology, compatibility with automation systems and rapid processing. Energy Applications- Ecofriendly Prime movers, Infrastructure and Building Applications.	0 6732mehvXCU7	Link	<a href="https://drive.google.com/file/d/1iGTduHV9bNjwQXVEP1pifRXoMWUqRI_M/view?usp=drive_link">https://drive.google.com/file/d/1iGTduHV9bNjwQXVEP1pifRXoMWUqRI_M/view?usp=drive_link</a>	  
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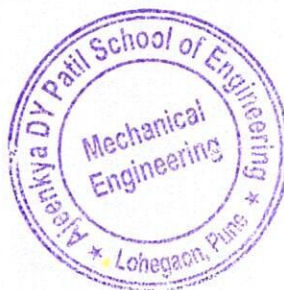
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Prof. M.V. Ambalagi  
**Subject In charge**



Prof. R. N. Garad  
**HoD**





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### ICT Record (2023-24)

Subject: Computer Integrated Manufacturing

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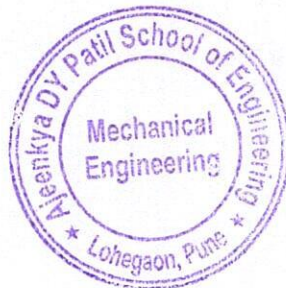
Select Class: 6732me-BE-SEM-II Select Subject: CIM-402048-TH Show Documents

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	Unit-II	Data Integration	Data integration: CAD-CAM integration, Product development through CIM, Design Activities in a networked environment, Networking in a manufacturing company, hardware elements of networking, CIM Database, Database requirements of CIM, Database management, Database Models, EDM, Product Data Management	0	6732me2hpTh1	Link	<a href="https://www.youtube.com/watch?v=HP8tY8-beVw&amp;pp=yg">https://www.youtube.com/watch?v=HP8tY8-beVw&amp;pp=yg</a>

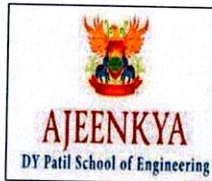
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**Prof. Amol B. Gaikwad**  
Subject Incharge

**Prof. Rohit N. Garad**  
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Form No. IQAC/28

**ITC Record (AY 2023-24) Sem -II**

**Class : SE Mechanical Engg Div: B**

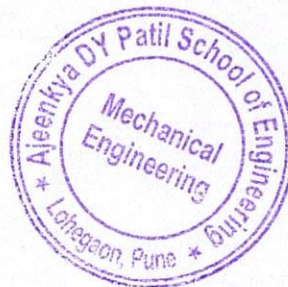
**Subject – Kinematics of Machinery (KOM)**

**Manage Learning Material** Back

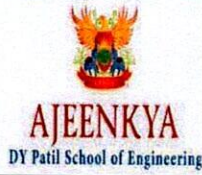
Select Class:  Select Subject:

No	VI	in Automation Systems	in Automation Systems	0	6732men1Ug94	Link	<a href="https://drive.google.com/drive/folders/15LDDp1EoR3Ae4lijzX3KiEckHMxCusp=drive_link">https://drive.google.com/drive/folders/15LDDp1EoR3Ae4lijzX3KiEckHMxCusp=drive_link</a>
No	II	Kinematic Analysis of Mechanisms: Analytical Method	Kinematic Analysis of Mechanisms: Analytical Method	0	6732meqJDBu8	Link	<a href="https://drive.google.com/file/d/1V3ttx6SWE2d-6Bx3QigVzfa4vQL2t0OzAusp=drive_link">https://drive.google.com/file/d/1V3ttx6SWE2d-6Bx3QigVzfa4vQL2t0OzAusp=drive_link</a>
No	IV	Synthesis of Mechanisms	Synthesis of Mechanisms	0	6732merab8EN	Link	<a href="https://drive.google.com/drive/folders/1Z6fBp8-ISXDNA85FemAvli6F_AxCusp=drive_link">https://drive.google.com/drive/folders/1Z6fBp8-ISXDNA85FemAvli6F_AxCusp=drive_link</a>
No	IV	Kinematics of Gears	Kinematics of Gears	0	6732meRBx9OK	Link	<a href="https://drive.google.com/drive/folders/1Cy2xAwwWUmQqubKVN1QLn9iv8nIusp=drive_link">https://drive.google.com/drive/folders/1Cy2xAwwWUmQqubKVN1QLn9iv8nIusp=drive_link</a>
No	III	Kinematic Analysis of Mechanisms: Graphical Method	Kinematic Analysis of Mechanisms: Graphical Method	0	6732meVsAQdg	Link	<a href="https://drive.google.com/drive/folders/11Kf8sME7WaOZ0ProwYJ9s8S-FK7usp=drive_link">https://drive.google.com/drive/folders/11Kf8sME7WaOZ0ProwYJ9s8S-FK7usp=drive_link</a>
No	Unit I	Fundamentals of kinematics and Mechanisms	Concepts of Kinematics and mechanisms	0	6732meXkpst9	Link	<a href="https://drive.google.com/file/d/1PEj_mcsVpFE5GDqt88eNmYHxJcqs21B/usp=drive_link">https://drive.google.com/file/d/1PEj_mcsVpFE5GDqt88eNmYHxJcqs21B/usp=drive_link</a>

*P.G. Karajagi*  
P.G. Karajagi  
Sub Incharge



*Prof. R. N. Garad*  
Prof. R. N. Garad  
HOD



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**Department of Mechanical Engineering**

Form No. IQAC/28

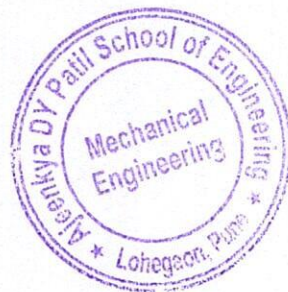
ICT record (A.Y 2023-24 Sem I)

Subject – NSM

**Manage Learning Material** Back

Select Class **6732me-TE-SEM-I** Select Subject **NSM-302041-TH** Show Documents

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link	
No	Unit-3	Numerical Integration	Single Integration	0	6732meaED8nS	Link	<a href="https://docs.google.com/presentation/d/1IGFKWzkutKXj7gMkbEDY4mSJdrKsucs7/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1IGFKWzkutKXj7gMkbEDY4mSJdrKsucs7/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-1	Bisection Method	Derivation and solved Numericals	0	6732meeXJTUh	Link	<a href="https://docs.google.com/presentation/d/1wBJ5YaxAlvDtIQECvwpGHypABIsUo-Bm/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1wBJ5YaxAlvDtIQECvwpGHypABIsUo-Bm/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-4	Curve Fit	Straight Line, Exponential and Power Function fit	0	6732meeyZ5Nf	Link	<a href="https://docs.google.com/presentation/d/1vhueR12F9LmrMbC4xi1u9aU6ZO6vHn6q/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1vhueR12F9LmrMbC4xi1u9aU6ZO6vHn6q/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-4	Regression	NFDI and Lagrange interpolation	0	6732meFWQ0VS	Link	<a href="https://docs.google.com/presentation/d/1qqaSvISulvEeGUWequ8GF8Vx-7oIba3l/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qqaSvISulvEeGUWequ8GF8Vx-7oIba3l/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-2	ODE	Euler RK 4th order Methods	0	6732meKc9JAm	Link	<a href="https://docs.google.com/presentation/d/112UinYzP_VS0gqpZK_2r_M81gO1rmmav/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/112UinYzP_VS0gqpZK_2r_M81gO1rmmav/edit?usp=drive_link&amp;ouid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	





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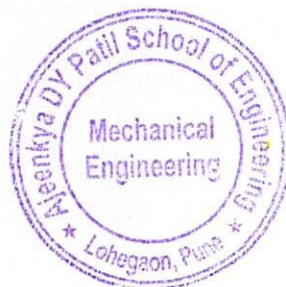
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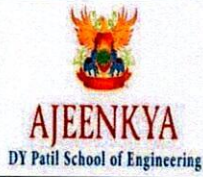
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No	Unit-6	Probability	Joint, Binomial, Geometric, Exponential Probability Distributions	0	6732melmRse7	Link	<a href="https://docs.google.com/presentation/d/1QDMYdR8oB8eUYjin8MMZDtrnSB1QWGku/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1QDMYdR8oB8eUYjin8MMZDtrnSB1QWGku/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-2	PDE	Laplace Equation, Parabolic Equations	0	6732mevIAWHk	Link	<a href="https://docs.google.com/presentation/d/189vSPt6pA-EEF-QYuPyWvAN914--KtyN/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/189vSPt6pA-EEF-QYuPyWvAN914--KtyN/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-5	Statistics	Moments, Mean, Mode, Coefficient of regression	0	6732meZdSWUU	Link	<a href="https://docs.google.com/presentation/d/1qqaSvISulvEeGUWequ8GF8Vx-7oIba3/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qqaSvISulvEeGUWequ8GF8Vx-7oIba3/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	

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Prof. P. G. Karajagi  
Subject In charge

Prof. R. N. Garad  
HoD Mechanical Engg.





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**Department of Mechanical Engineering**

Form No. IQAC/28

ICT record (A.Y 2023-24 Sem II)

Subject – Fluid Mechanics

No	Unit 1	Properties of Fluid	streamline and streak line), stream tube, angularity, vorticity, stream function and velocity potential function, flow net	0	6732meYUB8VZ	Link	<a href="https://drive.google.com/file/d/1g_tQdND3IYaVRzfcnvjPFT8qn74TTKY...">https://drive.google.com/file/d/1g_tQdND3IYaVRzfcnvjPFT8qn74TTKY...</a>
			Definition of fluid, concept of continuum, density, specific weight, specific gravity, viscosity, viscosity laws				

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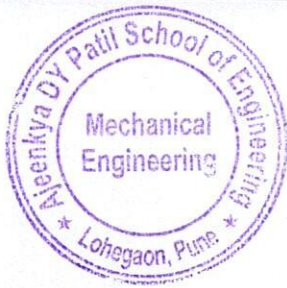
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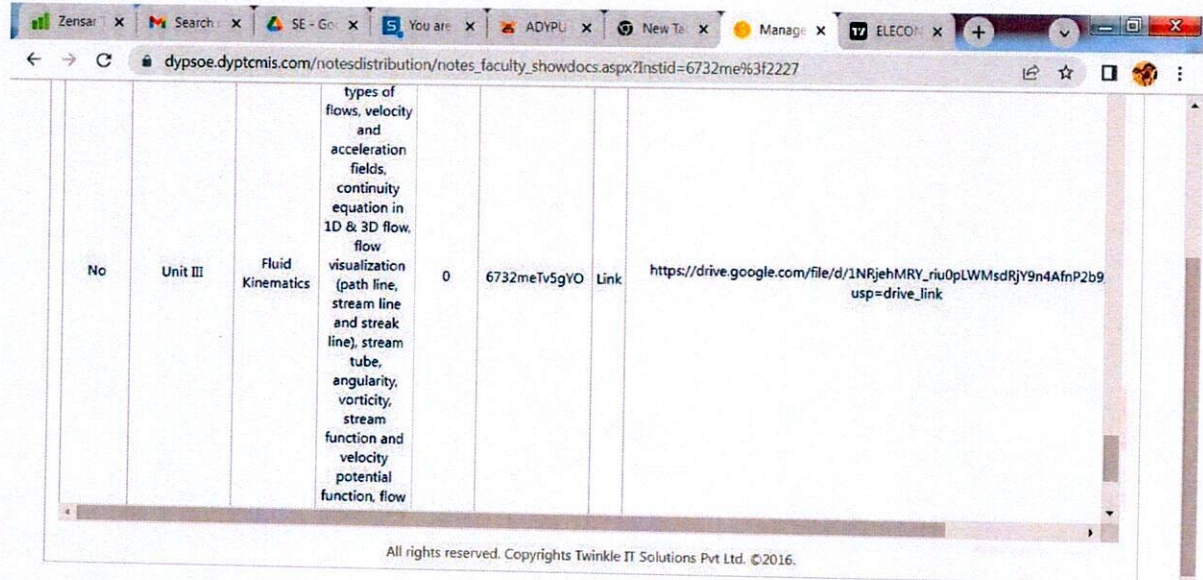
No	Unit II	Fluid Statics	piezometer, barometer, manometer - simple, inclined, differential, micro manometer, inverted manometer, Forces acting on surfaces immersed in fluid: total pressure and center of pressure on submerged plane surfaces, curved surface submerged in	0	6732mehkXNOM	Link	<a href="https://docs.google.com/presentation/d/1btCHJbGZ6ogFZ4fExJw_1ZxZqCc1usp=drive_link">https://docs.google.com/presentation/d/1btCHJbGZ6ogFZ4fExJw_1ZxZqCc1usp=drive_link</a>
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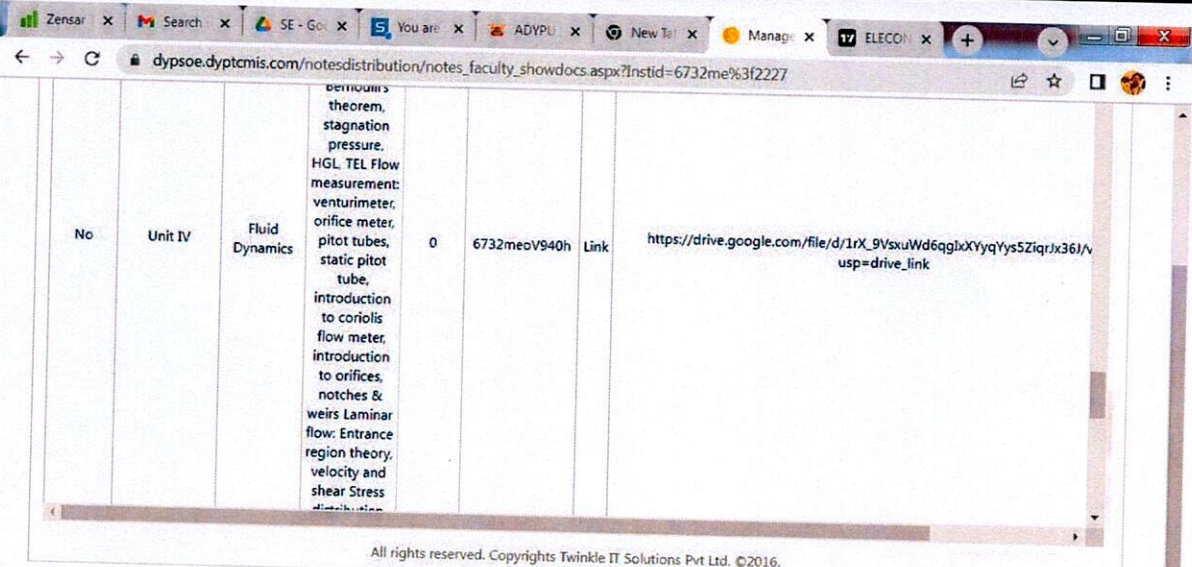




No	Unit III	Fluid Kinematics	types of flows, velocity and acceleration fields, continuity equation in 1D & 3D flow, flow visualization (path line, stream line and streak line), stream tube, angularity, vorticity, stream function and velocity potential function, flow	0	6732meTv5gYO	Link	<a href="https://drive.google.com/file/d/1NRjehMRY_riuOpLWMSdRjY9n4AfnP2b9usp=drive_link">https://drive.google.com/file/d/1NRjehMRY_riuOpLWMSdRjY9n4AfnP2b9usp=drive_link</a>
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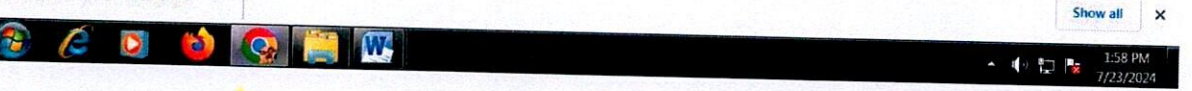
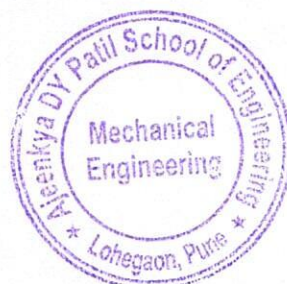
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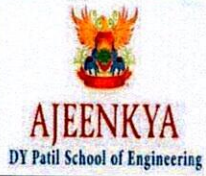



No	Unit IV	Fluid Dynamics	bernoulli's theorem, stagnation pressure, HGL, TEL Flow measurement: venturimeter, orifice meter, pitot tubes, static pitot tube, introduction to coriolis flow meter, introduction to orifices, notches & weirs Laminar flow: Entrance region theory, velocity and shear Stress distribution	0	6732meoV940h	Link	<a href="https://drive.google.com/file/d/1rx_9VsxuWd6qgixYyqYys5Ziqrx36/vusp=drive_link">https://drive.google.com/file/d/1rx_9VsxuWd6qgixYyqYys5Ziqrx36/vusp=drive_link</a>
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No	Unit V	Internal & External Flow	0	6732me3heykq	Link	<a href="https://drive.google.com/file/d/1rX_9VxUWd6qgJxXYyqYys5ZiqrJx36/v?usp=drive_link">https://drive.google.com/file/d/1rX_9VxUWd6qgJxXYyqYys5ZiqrJx36/v?usp=drive_link</a>
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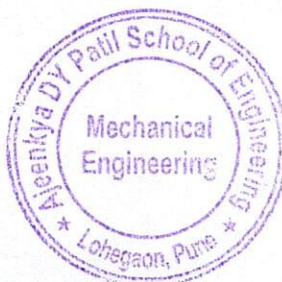
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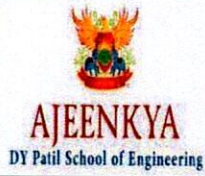
No	Unit VI	Dimensional Analysis & Similitude	0	6732meoibmbw	Link	<a href="https://docs.google.com/presentation/d/1NwV9L6h35FX_w4wpr7tHL-ATOeFDqp/edit?usp=drive_link">https://docs.google.com/presentation/d/1NwV9L6h35FX_w4wpr7tHL-ATOeFDqp/edit?usp=drive_link</a>
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Prof. R N Garad  
Subject In charge

Prof. R. N. Garad  
HoD





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ICT record (A.Y 2023-24 Sem I)

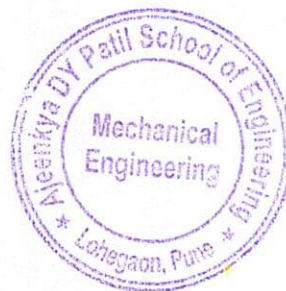
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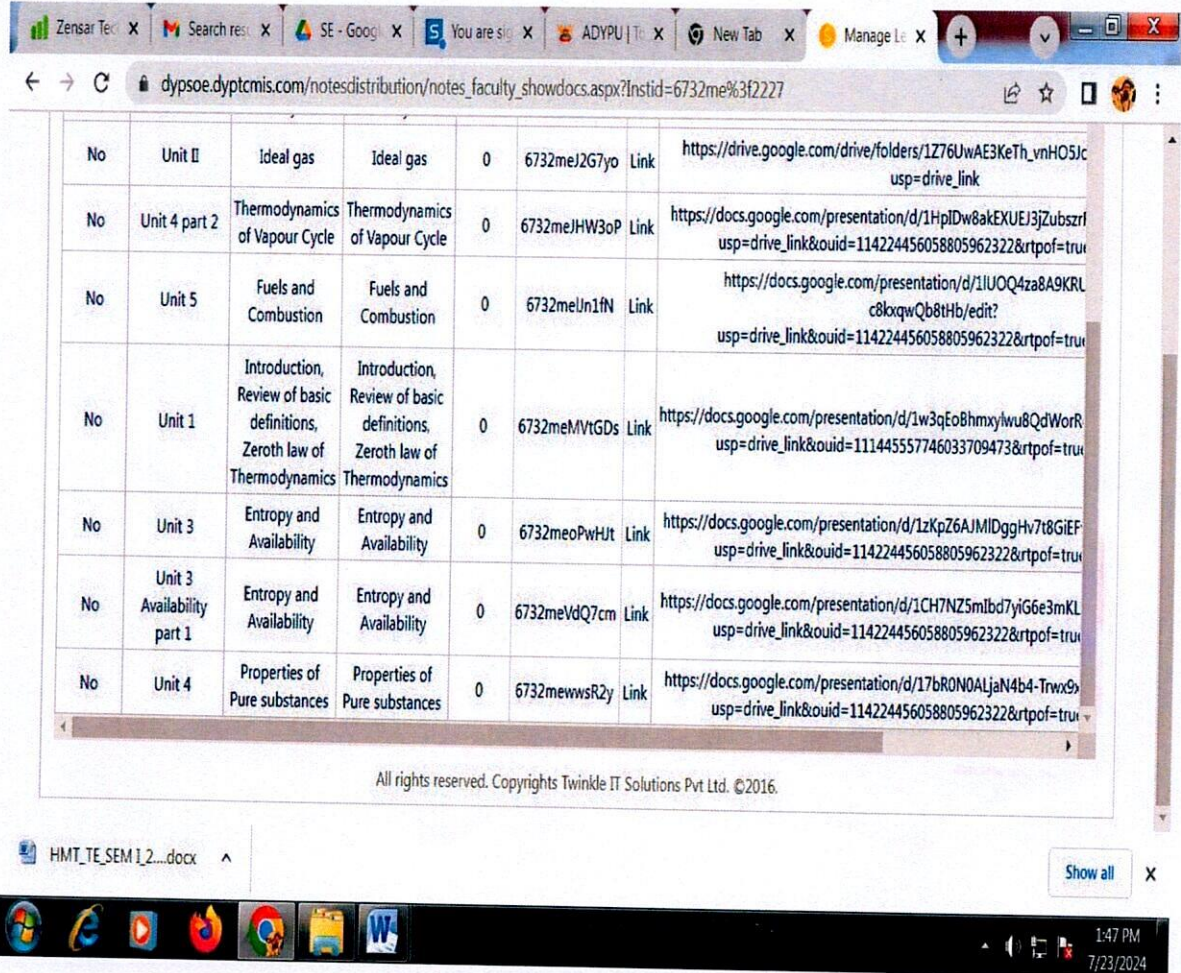
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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	Unit 1	Fundamentals of Thermodynamics	Introduction, Review of basic definitions, Zeroth law of Thermodynamics	0	6732me2DyzBp	Link	<a href="https://docs.google.com/presentation/d/1w3qEo8hmxyIwu8QdWorRusp=drive_link&amp;ouid=111445557746033709473&amp;rtfpof=true">https://docs.google.com/presentation/d/1w3qEo8hmxyIwu8QdWorRusp=drive_link&amp;ouid=111445557746033709473&amp;rtfpof=true</a>
No	Availability part 2	Available and unavailable energy, concept of availability,	Available and unavailable energy, concept of availability,	0	6732mec8p5r5	Link	<a href="https://docs.google.com/presentation/d/1Wiaeg-iZDkQ1C8-ZgYz3Pusp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true">https://docs.google.com/presentation/d/1Wiaeg-iZDkQ1C8-ZgYz3Pusp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true</a>
No	Unit 2	Ideal Gas and Second law of Thermodynamics	Ideal Gas and Second law of Thermodynamics	0	6732meF7b1Cn	Link	<a href="https://docs.google.com/presentation/d/1BjgP1AroTkc6oVTbcJxhUusp=drive_link&amp;ouid=111445557746033709473&amp;rtfpof=true">https://docs.google.com/presentation/d/1BjgP1AroTkc6oVTbcJxhUusp=drive_link&amp;ouid=111445557746033709473&amp;rtfpof=true</a>
No	Unit II	Ideal gas	Ideal gas	0	6732meJ2G7yo	Link	<a href="https://drive.google.com/drive/folders/1Z76UwAE3KeTh_vnHO5Jcusp=drive_link">https://drive.google.com/drive/folders/1Z76UwAE3KeTh_vnHO5Jcusp=drive_link</a>
No	Unit 4 part 2	Thermodynamics of Vapour Cycle	Thermodynamics of Vapour Cycle	0	6732meJHW3oP	Link	<a href="https://docs.google.com/presentation/d/1HplDw8akEXUEJ3jZubszrlusp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true">https://docs.google.com/presentation/d/1HplDw8akEXUEJ3jZubszrlusp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true</a>
No	Unit 5	Fuels and Combustion	Fuels and Combustion	0	6732meUn1fN	Link	<a href="https://docs.google.com/presentation/d/1IUOQ4za8A9KRLc8lxqwQb8tHb/edit?usp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true">https://docs.google.com/presentation/d/1IUOQ4za8A9KRLc8lxqwQb8tHb/edit?usp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true</a>

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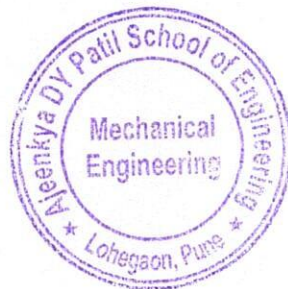






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No	Unit II	Ideal gas	Ideal gas	0	6732meJ2G7yo	Link	<a href="https://drive.google.com/drive/folders/1Z76UwAE3KeTh_vnHO5Jcusp=drive_link">https://drive.google.com/drive/folders/1Z76UwAE3KeTh_vnHO5Jcusp=drive_link</a>
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No	Unit 1	Introduction, Review of basic definitions, Zeroth law of Thermodynamics	Introduction, Review of basic definitions, Zeroth law of Thermodynamics	0	6732meMVTGDs	Link	<a href="https://docs.google.com/presentation/d/1w3qEo8hmxyIwu8QdWorRusp=drive_link&amp;ouid=111445557746033709473&amp;rtfpof=true">https://docs.google.com/presentation/d/1w3qEo8hmxyIwu8QdWorRusp=drive_link&amp;ouid=111445557746033709473&amp;rtfpof=true</a>
No	Unit 3	Entropy and Availability	Entropy and Availability	0	6732meoPwHjt	Link	<a href="https://docs.google.com/presentation/d/1zKpZ6AJMIDggHv7t8GiEFusp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true">https://docs.google.com/presentation/d/1zKpZ6AJMIDggHv7t8GiEFusp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true</a>
No	Unit 3 Availability part 1	Entropy and Availability	Entropy and Availability	0	6732meVdQ7cm	Link	<a href="https://docs.google.com/presentation/d/1CH7NZ5mld7yiG6e3mKLUsp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true">https://docs.google.com/presentation/d/1CH7NZ5mld7yiG6e3mKLUsp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true</a>
No	Unit 4	Properties of Pure substances	Properties of Pure substances	0	6732mewwsR2y	Link	<a href="https://docs.google.com/presentation/d/17bRONQALjaN4b4-Trwx9usp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true">https://docs.google.com/presentation/d/17bRONQALjaN4b4-Trwx9usp=drive_link&amp;ouid=114224456058805962322&amp;rtfpof=true</a>

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 Subject In charge

  
 Prof. R. N. Garad  
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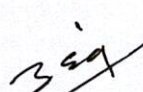
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Subject: Dynamics of Machinery

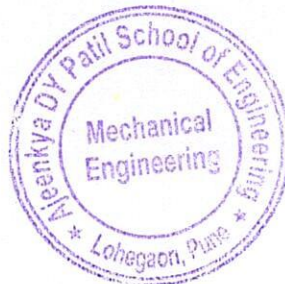
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No	unit 2	Gyroscope	NPTEL Lecture link	0	6732meagErqX	Link	<a href="https://nptel.ac.in/courses/112104114">https://nptel.ac.in/courses/112104114</a>			
No	Vibration Introduction	Introduction to Mechanical Vibration Course-NPTEL link	Introduction to Mechanical Vibration Course-NPTEL link	0	6732meLx8TNr	Link	<a href="https://archive.nptel.ac.in/courses/112/107/112107212/">https://archive.nptel.ac.in/courses/112/107/112107212/</a>			
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No	unit 6	noise	noise measurement and control	0	6732meTIGZEr	Link	<a href="https://archive.nptel.ac.in/courses/112/104/112104227/">https://archive.nptel.ac.in/courses/112/104/112104227/</a>			
No	unit 3 and 4	mechanical vibration	free and forced vibration	0	6732mew9jPXF	Link	<a href="https://archive.nptel.ac.in/courses/112/103/112103111/">https://archive.nptel.ac.in/courses/112/103/112103111/</a>			
No	unit 5	mechanical vibration	undamped vibration	0	6732mez6dhhs	Link	<a href="https://archive.nptel.ac.in/courses/112/103/112103111/">https://archive.nptel.ac.in/courses/112/103/112103111/</a>			

  
**Prof. Umaji N. Kolekar**  
Subject Incharge

  
**Prof. Rohit N. Garad**  
HOD Mechanical Engineering





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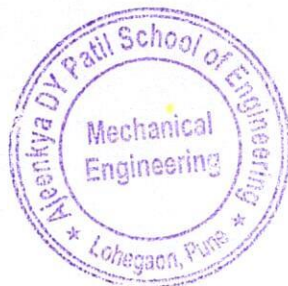
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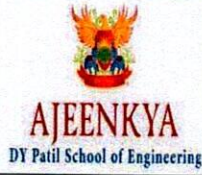
Select Class:  Select Subject:

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link			
No	unit 2	steam turbine	nptel lecture link	0	6732meDS1FN7	Link	<a href="https://nptel.ac.in/courses/112105182">https://nptel.ac.in/courses/112105182</a>			
No	syllabus	syllabus	SPPU Syllabus of BE Mechanical Engineering 2019 pat	0	6732medvq9Ui	Link				
No	unit 3	centrifugal pump	nptel lecture link	0	6732meoMKuew	Link	<a href="https://nptel.ac.in/courses/112105182">https://nptel.ac.in/courses/112105182</a>			
No	unit 1	impact jet and hydraulic turbine	nptel lecture link	0	6732meU60Gt6	Link	<a href="https://nptel.ac.in/courses/112105206">https://nptel.ac.in/courses/112105206</a>			
No	unit 4	centrigugal compressor and axial flow compressor	nptel lecture link	0	6732mexnqzmn	Link	<a href="https://nptel.ac.in/courses/112104117">https://nptel.ac.in/courses/112104117</a>			

**Prof. Jagruti C. Nimgulkar**  
Subject Incharge

**Prof. Rohit N. Garad**  
HOD Mechanical Engineering





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**Department of Mechanical Engineering**

Form No. IQAC/28

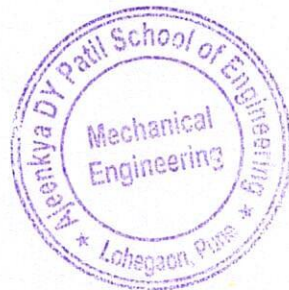
ICT record (A.Y 2023-24 Sem I)

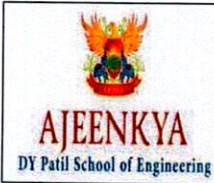
Subject – NSM

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Select Class:  Select Subject:

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link	
No	Unit-3	Numerical Integration	Single Integration	0	6732meaED8nS	Link	<a href="https://docs.google.com/presentation/d/1IGFKWzktKXj7gMkbEDY4mSjdrKsucs7/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1IGFKWzktKXj7gMkbEDY4mSjdrKsucs7/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-1	Bisection Method	Derivation and solved Numericals	0	6732meeXJTUh	Link	<a href="https://docs.google.com/presentation/d/1wBJ5YaxAlvDtlQECwgpHypABIsUo-8m/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1wBJ5YaxAlvDtlQECwgpHypABIsUo-8m/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-4	Curve Fit	Straight Line, Exponential and Power Function fit	0	6732meeyZ5Nf	Link	<a href="https://docs.google.com/presentation/d/1vhueR12F9LmrMbC4xi1u9aU6ZO6vHn6q/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1vhueR12F9LmrMbC4xi1u9aU6ZO6vHn6q/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-4	Regression	NFDI and Lagrange interpolation	0	6732meFWQ0VS	Link	<a href="https://docs.google.com/presentation/d/1qqaSvSulvEeGUWequ8GF8Vx-7oIba3l/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qqaSvSulvEeGUWequ8GF8Vx-7oIba3l/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-2	ODE	Euler RK 4th order Methods	0	6732mekc9JAm	Link	<a href="https://docs.google.com/presentation/d/1l2UinYzP_VS0gqpZK_2r_M81gO1rmmav/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1l2UinYzP_VS0gqpZK_2r_M81gO1rmmav/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	





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Select Class **6732me-TE-SEM-I-**

Select Subject **NSM-302041-TH**

Show Documents

No	Unit-4	Regression	NFDI and Lagrange interpolation	0	6732meFWQ0VS	Link	<a href="https://docs.google.com/presentation/d/1qqaSvLSuLvEeGUWequ8GF8Vx-7oIba3/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qqaSvLSuLvEeGUWequ8GF8Vx-7oIba3/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-2	ODE	Euler RK 4th order Methods	0	6732meKc9JAm	Link	<a href="https://docs.google.com/presentation/d/1l2UinYzP_VS0gqpZK_2r_M81gO1rmmav/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1l2UinYzP_VS0gqpZK_2r_M81gO1rmmav/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-6	Probability	Joint, Binomial, Geometric, Exponential Probability Distributions	0	6732melmRse7	Link	<a href="https://docs.google.com/presentation/d/1QDMYdR8oB8eUYjinBMMZDtrnSB1QWGku/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1QDMYdR8oB8eUYjinBMMZDtrnSB1QWGku/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-2	PDE	Laplace Equation, Parabolic Equations	0	6732mevIAWHk	Link	<a href="https://docs.google.com/presentation/d/189vSPt6pA-EEF-QYyPyWvAN914--KtyN/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/189vSPt6pA-EEF-QYyPyWvAN914--KtyN/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	
No	Unit-5	Statistics	Moments, Mean, Mode, Coefficient of regression	0	6732meZdSWUU	Link	<a href="https://docs.google.com/presentation/d/1qqaSvLSuLvEeGUWequ8GF8Vx-7oIba3/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qqaSvLSuLvEeGUWequ8GF8Vx-7oIba3/edit?usp=drive_link&amp;oid=108707620240056522420&amp;rtpof=true&amp;sd=true</a>	

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*P.G.S.*

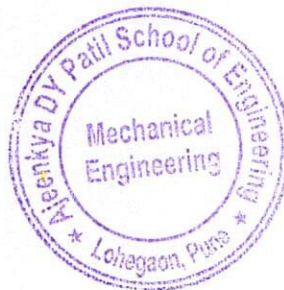
Prof. P. G. Karajagi

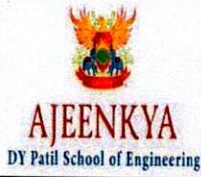
Subject In charge

*R.N.G.*

Prof. R. N. Garad

HoD Mechanical Engg.





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ICT record (A.Y 2023-24 Sem I)

Subject – Machining Science & Technology

Manage Learning Material

Select Class: 6732me-TE-SEM-I-I Select Subject: MST-302045-B-TH Show Documents

No	UNIT1	MECHANICS OF METAL CUTTING			
			introduction to metal cutting, Elements of machining process, Geometry of single-point cutting tool, Orthogonal and Oblique cutting processes, Chip formation, Types of chips, Chip thickness ratio, Process parameters and their effect on machining, chip breakers, Merchant's Circle of forces analysis – forces and energy calculations	0	6732meypM5sy Link https://drive.google.com/file/d/1Me usj

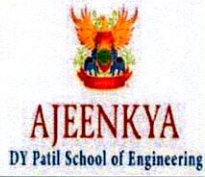
Manage Learning Material

Select Class: 6732me-TE-SEM-I-I Select Subject: MST-302045-B-TH Show Documents

No	Unit II	Gear and Thread Manufacturing			
			Thread Manufacturing • Introduction, Materials of gears, Methods of gear manufacturing- casting, forging, forming etc, milling of gears (indexing methods and numerical), Helical gear cutting, Gear Shaping and Gear hobbling, Gear inspection, • Thread Manufacturing: Various methods of	0	6732me1st4PA Link https://drive.google.com/file/d/1me usj

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**Department of Mechanical Engineering**

Form No. IQAC/28

The screenshot shows a web browser window with the URL [dypsoe.dyptcms.com/notesdistribution/notes\\_faculty\\_showdocs.aspx?instid=6732me%314006](https://dypsoe.dyptcms.com/notesdistribution/notes_faculty_showdocs.aspx?instid=6732me%314006). The page title is "Manage Learning Material". At the top, there are dropdown menus for "Select Class" (6732me-TE-SEM-I-I) and "Select Subject" (MST-302045-B-TH), along with a "Show Documents" button. Below this is a table with the following content:

No	Unit 4	Jigs and Fixtures			
			features and their functions in the manufacturing processes. Concept of degree of freedom 3-2-1 principle of location. General guidelines to design jigs and fixtures advantages of jigs and fixtures. Jigs- Definition Elements of jig with the types Location guidelines Principles of clamping	0	6732meop65LR Link <a href="https://drive.google.com/file/d/1LTusj">https://drive.google.com/file/d/1LTusj</a>

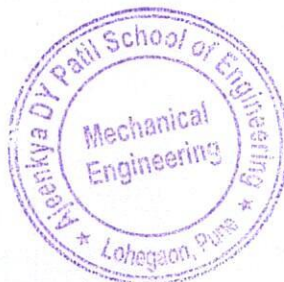
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The screenshot shows the same web browser window as above, but with the content for Unit 5. The table content is as follows:

No	unit 5	Unit 5 Process Planning			
			process planning drawing interpretation, material evaluation, steps in process selection, production equipment and tooling selection, process parameters calculation for various production processes, Selection of jigs and fixtures, selection of quality	0	6732mets0p08 Link <a href="https://docs.google.com/presentation/u/usp=drive_link&amp;oid=1134311">https://docs.google.com/presentation/u/usp=drive_link&amp;oid=1134311</a>

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*SD*  
Prof S D Martande  
Subject In charge



*RN*  
Prof. R. N. Garad  
HoD



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 Department of E & TC Engineering

Form No. IQAC/30

**ICT Tools**  
**Academic Year 23-24 SEM -II**

**Prof. Manjusha Patil, SE – A, PCS**



**Manage Learning Material**

Back

Select Class  Select Subject

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	1	AM Modulation	Introduction to Communication System, Analog and Digital messages, regenerative repeaters, Signal Bandwidth & Power. Size & classification of signal, exponential Fourier series, concept of negative frequencies. Fourier transform and properties, Frequency shifting, Concept of baseband and bandpass signals. Signal transmission through LTI system. Signal energy & Energy Spectral density. Signal power & Power Spectral Density. Input and output PSD, PSD of modulated signal.	496	6732etc4uAgkB	.pdf	D:\SE_PCS\erp
No	unit 4	Pulse Modulation	Need of analog to digital conversion, sampling theorem for low pass signal in time domain, and Nyquist criteria. Types of sampling- natural and flat top, Pulse amplitude modulation & concept of TDM: Channel bandwidth for PAM, equalization, Signal Recovery through holding. Pulse Width Modulation (PWM) and Pulse Position Modulation (PPM): Generation & Detection	324	6732etc7YHu0W	.pdf	D:\SE_PCS\erp
No	3	FM transmission & reception for	Phase Modulation (PM) and Frequency Modulation (FM), Relationship between Phase and Frequency Modulation, Modulation Index, Spectrum of FM (single tone): Feature of Bessel Coefficient, Power of FM signal, Bandwidth of tone modulated FM signal, modulation index: AM vs. FM, Spectrum of constant Bandwidth FM	510	6732etcv6XZw	.pdf	D:\SE_PCS\erp

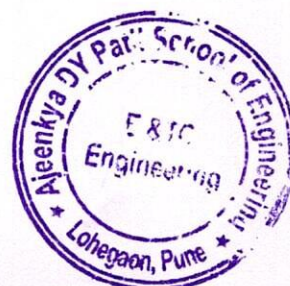
**Prof. Manjusha Patil, SE – B, PCS**



**Manage Learning Material**

Select Class  Select Subject

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	unit 4	Pulse Modulation	Need of analog to digital conversion, sampling theorem for low pass signal in time domain, and Nyquist criteria. Types of sampling- natural and flat top, Pulse amplitude modulation & concept of TDM: Channel bandwidth for PAM, equalization, Signal Recovery through holding. Pulse Width Modulation (PWM) and Pulse Position Modulation (PPM): Generation & Detection.	324	6732etcBCEAWa	.pdf	D:\SE_PCS\erp
No	unit 6	Line codes: Properties and spectrum.	Line codes: Properties and spectrum, Digital Multiplexing and hierarchies: T1, AT&T, E1, CCITT, Scrambling & Unscrambling, Synchronization: Carrier Synchronization, Bit Synchronization and Frame Synchronization, Intersymbol Interference, Equalization.	658	6732etcj3X8pA	.pdf	D:\SE_PCS\erp
No	unit 3	FM transmission & reception for signal tone	Phase Modulation (PM) and Frequency Modulation (FM), Relationship between Phase and Frequency Modulation, Modulation Index, Spectrum of FM (single tone): Feature of Bessel Coefficient, Power of FM signal, Bandwidth of tone modulated FM signal, modulation index: AM vs. FM, Spectrum of constant Bandwidth FM, Narrowband and Wideband FM, FM Modulators and Demodulators: FM generation by Armstrong's indirect method, frequency multiplication and application to FM, FM demodulator.	510	6732etcLPa24r	.pdf	D:\SE_PCS\erp



**Prof. Kalpita Mane SE-B, Control System**

Manage Learning Material

Select Class: 6732ETC-SEB-SEM-4 Select Subject: 204192 Show Documents

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	3. Stability analysis, 4. Frequency domain analysis, 5. State space representation, 6. Controllers and Digital Control Systems	Characteristic equation of a system, concept of pole and zero, response of various pole locations in s-plane, concept of stability, absolute stability, relative stability, stability of system from pole locations, Routh Hurwitz stability criterion, Root locus: definition, magnitude and angle conditions, construction of root locus, concept of dominant poles, effect of addition of pole and zero on root locus. Application of root locus for stability analysis.	Characteristic equation of a system, concept of pole and zero, response of various pole locations in s-plane, concept of stability, absolute stability, relative stability, stability of system from pole locations, Routh Hurwitz stability criterion, Root locus: definition, magnitude and angle conditions, construction of root locus, concept of dominant poles, effect of addition of pole and zero on root locus. Application of root locus for stability analysis.	758	6732etcb06c04	pdf	
No	2. Time domain analysis	Time domain analysis	Time domain analysis: transient response and steady state response, standard test inputs for time domain analysis, order and type of a system, transient analysis of first and second order systems, time domain specifications of second order under damped system from its step response, Steady state error and static error constants.	616	6732etcggyt0	pdf	

State space advantages and representation, Transfer function from State space, physical variable form, observable variable form.

**Dr Saniya Ansari, Digital Marketing BE A, B**

Digital Marketing Course Introduction Video

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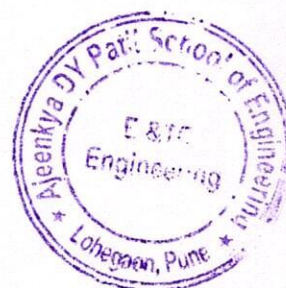
**Course Digital Marketing**

Dr. Tejinderpal Singh  
Associate Professor  
University Business School  
Punjab University, Chandigarh

0:02 / 3:49

YouTube

**Prof Prajakta Khairnar, FOC, BE A, B**





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Course outline

How does an NPTEL online course work?

MATLAB

Week 0

Week 1

Week 2

Optical Sources

Semiconductor gain media-structure, spectrum

Optical sources: LED

External Quantum Efficiency

Modulation Bandwidth of LED

Optical and Electrical Bandwidth of LED

Emission Pattern of LED

Optical Sources: Laser Diodes over LEDs

Laser Diodes: Resonator Concepts 1a

**Optical Sources**

Critical Parameters :

- Emission wavelength
- Spectral width
- Modulation speed, amplitude and phase modulation capability
- Divergence/ability to couple into a fiber
- Power/energy consumption /efficiency
- Compactness, reliability, cost-effectiveness
- Possible Sources : LEDs/ Laser Diodes

Run Modulation Bandwidth (BW) from (amplitude)  $\frac{1}{2}$

Semiconductor Emission

Ask a question

DC important que...pdf | DC important que...pdf | DC unit 6, P.D & ...pdf

4:13 PM 23 Jul 24

**Prof. Ashwini Bagde, SS, SEA, B**

Modules / Lectures

Intro Video

Week 1-Introduction to Signals and Systems, Signal Classification

- lecture 01-Principles of Signals and Systems- Introduction to Signals and Systems, Signal Classification 44s-36s Continuous and Discrete Time Signals
- lecture 02-Analog and Digital Signals
- lecture 03-Energy and Power Signals
- lecture 04-Real Exponential Signals
- lecture 05-Memory/Memory-less and Causal/ Non-Causal Systems

Week-2

Watch on YouTube | Video | Assignments | Download Videos | Transcripts | Books

Introduction - Principles of Signals and ...

Watch later | Share

Watch on YouTube

**Prof. Sagar Dhawale BE-A, Mobile Computing**

Lecture 01 Overview of Cellular Systems - Part 1

Block Diagram of Tr

Electrical Engineering IIT Madras

Info Source

Source Coding (Compression) → Encrypt (Privacy) → Channel encode (Error protection) → Modulate (Transmit Information) → Pulse shaping (Spectrum shaping)

Digital → Analog → Upconversion → Power amplification → Transmit → Radiation

Baseband → RF

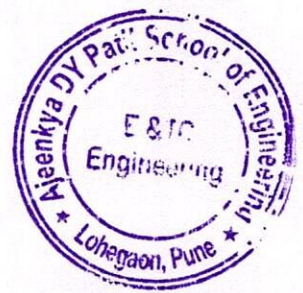
So, if I were to ask you to draw the block diagram of a transmitter, I am sure you would

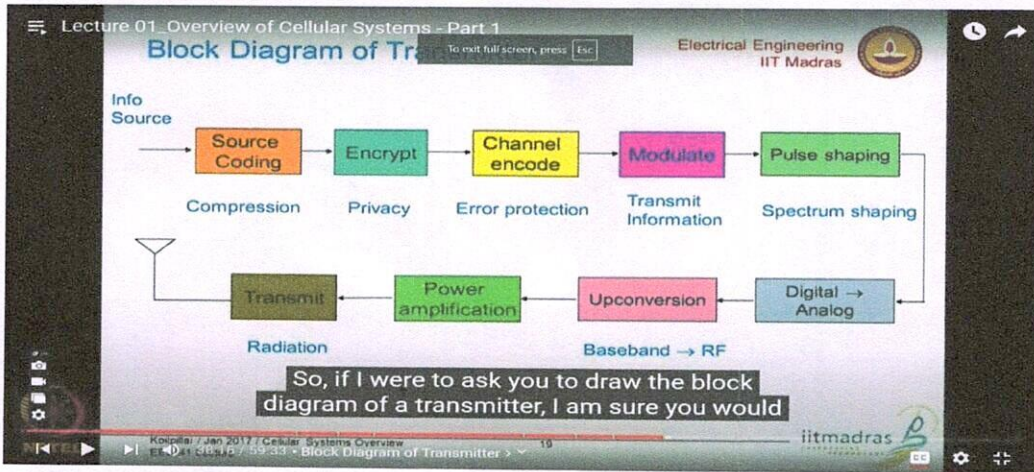
18

08:16 / 59:33 • Block Diagram of Transmitter

iitmadras

**Prof. Sagar Dhawale BE-B, Mobile Computing**





### Dr. Sanjay Koli, TE B, Network Security

Manage Learning Material

Select Class: 6732ETC-TEB-SEM-... Select Subject: 304195

Approval	Unit / Chapter	Topic	Description	Size(KB)	File ID	File	Access Link
No	Chapt. 1-6	All	All	0	6732etc0pPy	Link	https://drive.google.com/drive/folders/7jwjeent8z0rL-z0Wk4b0u4tEfcuagdrhwr-link

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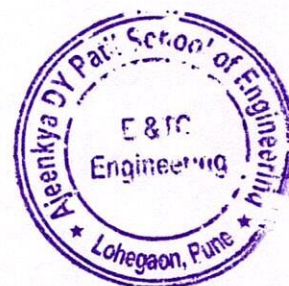
### Dr. Sanjay Koli, TE A, Network Security

Manage Learning Material

Select Class: 6722LTC-TEA-SEM-... Select Subject: 204195

Approval	Unit / Chapter	Topic	Description	Size(KB)	File ID	File	Access Link
No	Unit III	Symmetric and Asymmetric Key for Ciphers	Symmetric and Asymmetric Key for Ciphers	0	6732et050zX	Link	https://drive.google.com/drive/folders/1x1x0wB8-4W40dpe0BLUW0u1wsp-drive_link
No	Unit VI	Web Security	Web Security	0	6732et070D00	Link	https://drive.google.com/drive/folders/130q9d0236Vd484uvv0m0abz7usp-drive_link
No	Unit IV	Message Authentication algorithm and Hash Function	Message Authentication algorithm and Hash Function	0	6732et0408P	Link	https://drive.google.com/drive/folders/11n82u4W2B0x0F7Y79N4sg05usp-drive_link
No	Unit I	Attacks on Computers and Computer security	Attacks on Computers and Computer security	0	6732et0a00EK	Link	https://drive.google.com/drive/folders/1Qz0m80F3W4k0K0579N05Lusp-drive_link
No	Unit II	Cryptography Concepts and Techniques	Cryptography Concepts and Techniques	0	6732et04L0H3	Link	https://drive.google.com/drive/folders/13h9k4z0k042L8q0v98N19usp-drive_link
No	Unit V	E-mail Security	E-mail security	0	6732et0y0k10	Link	https://drive.google.com/drive/folders/1DD00q0y1TEkD61PvW40q0d01usp-drive_link

### Prof Nalini Tiwari, TE A Control System



**Manage Learning Material** Back

Select Class:  Select Subject:

Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	1	Introduction to Control System	Basic Elements of Control System, Open loop and Closed loop systems, Differential equations and Transfer function, Modeling of Electric systems, Translational and rotational mechanical systems, Block diagram reduction Techniques, Signal flow graph.	581	6732etcD8GpN1	.pdf	
No	2	Time domain analysis	Time domain analysis: transient response and steady state response, standard test inputs for time domain analysis, order and type of a system, transient analysis of first and second order systems, time domain specifications of second order under damped system from its step response, Steady state error.	305	6732etcKrZ9CV	.pdf	
No	3	Stability analysis	Characteristic equation of a system, concept of pole and zero, response of various pole locations in s-plane, concept of stability absolute stability, relative stability, stability of system from pole locations, Routh Hurwitz stability criterion, Root locus: definition, magnitude and angle conditions, construction of root locus, concept of dominant poles, effect of addition of pole and zero on root locus. Application of root locus for stability analysis	0	6732etcXSV66v	Link	

**Prof. Riyaj Kazi T.E. -A & B, Power electronics**

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**Course Details**

- Module 1
- Module 2
- Module 3
- Module 4
- Module 5
- Module 6
- Module 7
- Module 8
- Module 9
- Module 10

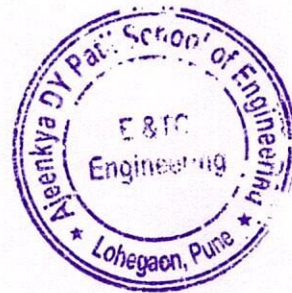
**NOC: Power Electronics, IIT Delhi**  
Prof. G. Bhuvaneshwari Self-Paced Certificate

About Course Downloads TA List Statistics Toppers List Certificate Type Feedback Syllabus

**Intro** Share

Course Duration: Sep-Dec 2020  
Enrollment: 2020-05-20 to 2020-09-21  
Exam Registration: 2020-09-14 to 2020-11-02  
Exam Date: 2020-12-20

**Prof. Swati S. Khawate, Project Management, TE A,B**





### Project Management

IIT Roorkee July 2018 - 1 / 41



- 1 Project Management IIT Roorkee July 2018 2:13
- 2 Lecture 01: Introduction to Project Management - I IIT Roorkee July 2018 25:03
- 3 Lecture 02: Introduction to Project Management - II IIT Roorkee July 2018 23:37
- 4 Lecture 03: Agile Project Management IIT Roorkee July 2018 22:49
- Lecture 04: Project Selection

### Project Management

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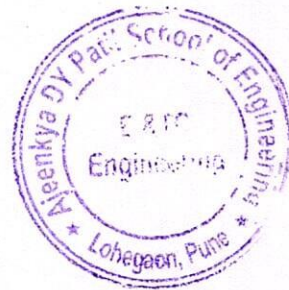
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From the series

From IIT Roorkee July 20

*Manjusha Patil*  
**Prepared By**  
**Prof. Manjusha Patil**

*Saniya Ansari*  
**HOD ENTC**  
**Dr. Saniya Ansari**





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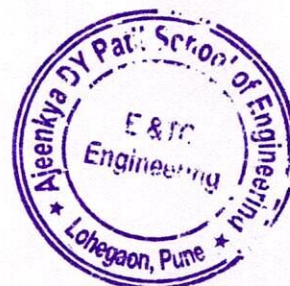
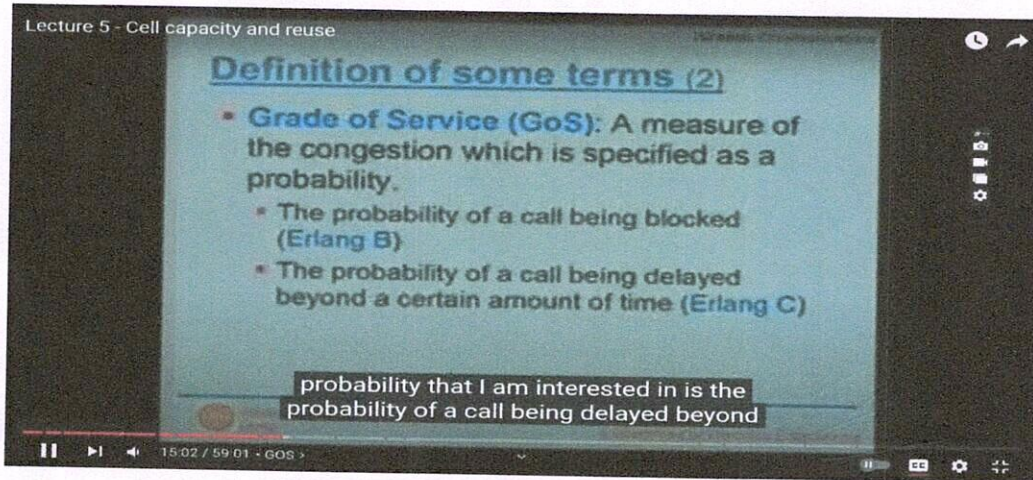
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**Academic Year 2022-23 SEM-II**

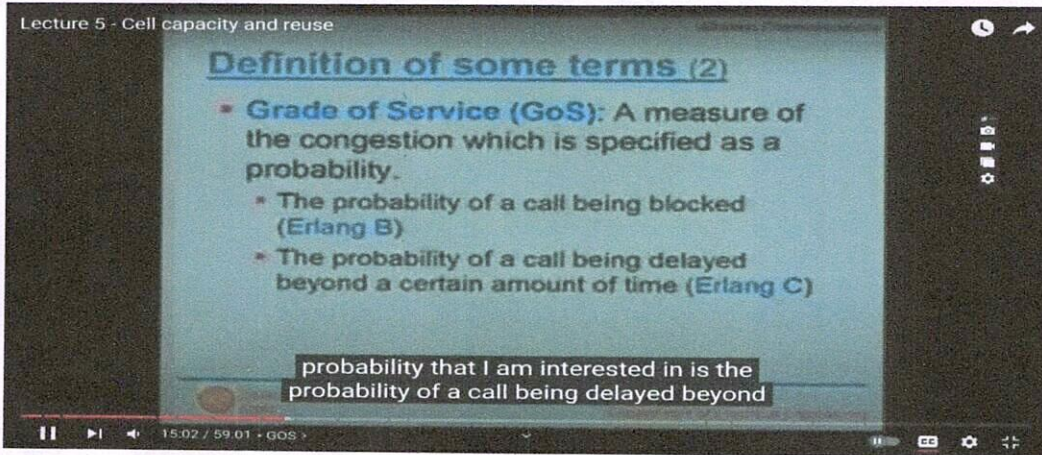
**Dr Saniya Ansari ,TE A, B ,PM**



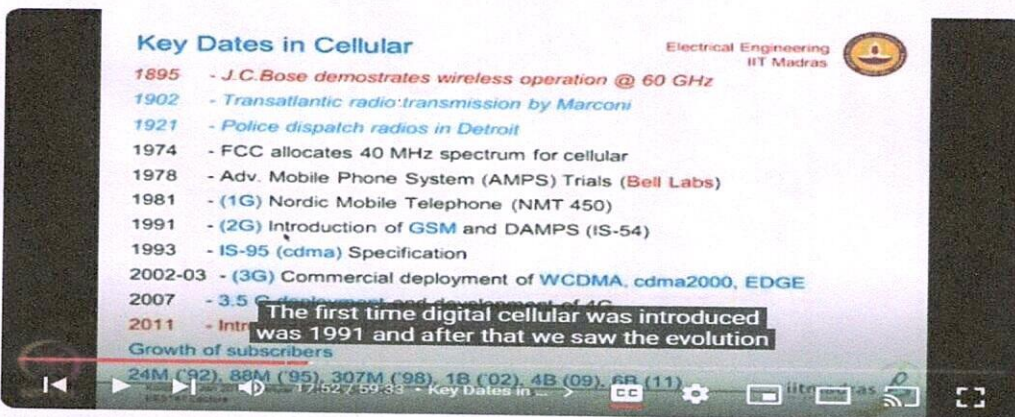
**Prof. Sagar Dhawale, TE - A ,CN**



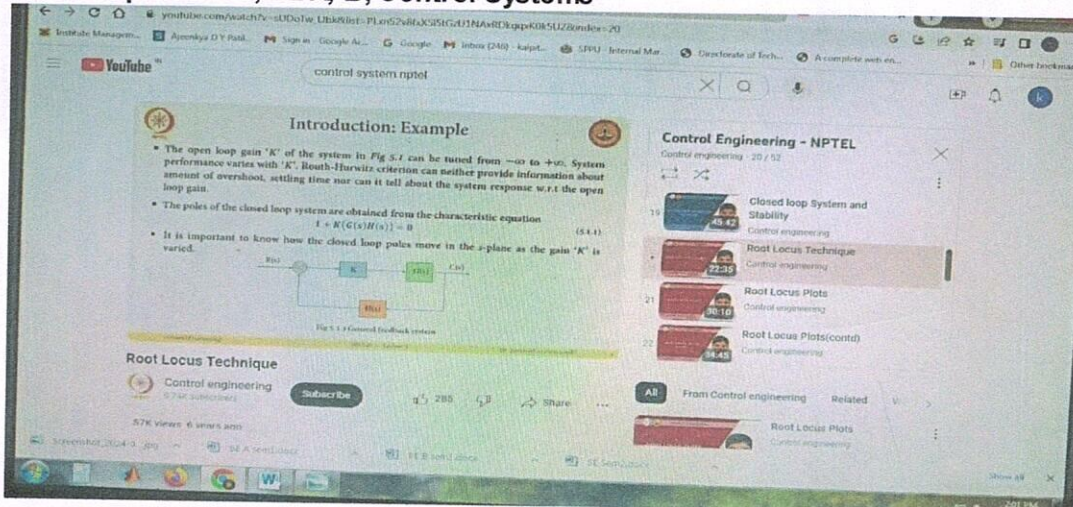
Prof. Sagar Dhawale TE – B, CN



Prof. Swati Khawate, BE A, B, Mobile Computing



Prof. Kalpita Mane, TE A, B, Control Systems



**Prof Prajakta Khairnar, BE A, FOC,**

The screenshot shows a video lecture interface. On the left is a course outline for 'Optical Sources' covering semiconductor gain media, LED structures, and laser diodes. The main video area shows a slide titled 'Optical Sources' with a list of 'Critical Parameters': Emission wavelength, Spectral width, Modulation speed, Divergence/ability to couple into a fiber, Power/energy consumption/efficiency, Compactness, reliability, cost-effectiveness, and Possible Sources: LEDs/ Laser Diodes. Handwritten notes in red ink are visible on the slide, including 'How Modulation bandwidth is related to speed' and 'How compactness is related to size'. A video player interface is at the bottom.

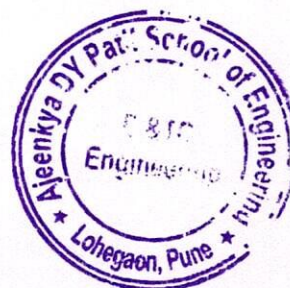
**Prof Prajakta Khairnar, BE B, FOC**

The screenshot shows a video player for 'How It's Made: Optical Fiber Communications Cable'. The video content displays a close-up of fiber optic strands being processed, with the text 'Fiber Stranding' overlaid at the bottom. The video player includes a progress bar and control icons.

**Dr. Sanjay Koli, TE B NS**

The screenshot shows a web interface for 'Manage Learning Material'. It includes a table with columns for 'Approval', 'Unit', 'Chapter', 'Topic', 'Description', 'Size (Kb)', 'File ID', 'File', and 'Action Link'. A table row is visible with the following data: Approval: All, Unit: All, Chapter: 1-6, Topic: All, Description: 0, File ID: 6732encourpUy, File: https://drive.google.com/.../6732encourpUy, Action Link: https://drive.google.com/.../6732encourpUy. The interface also features a search bar and a 'Back' button.

**Dr. Sanjay Koli, TE A, NS**







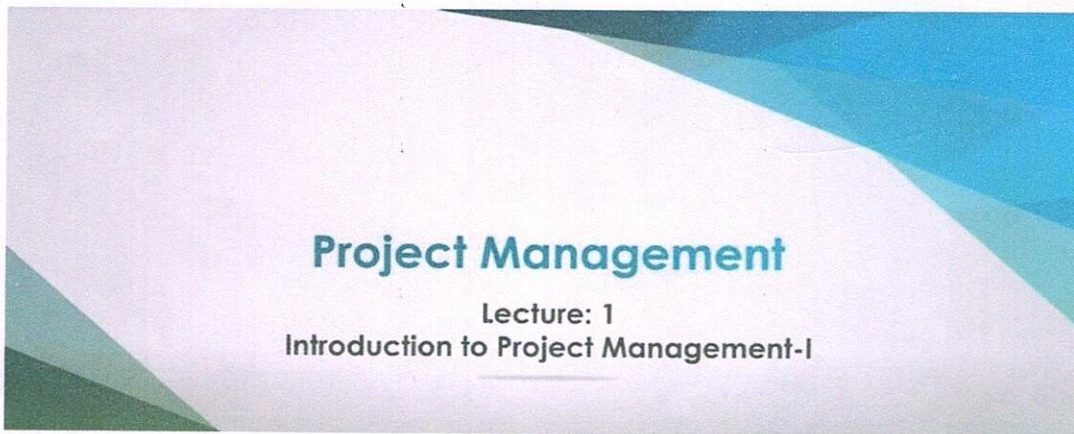


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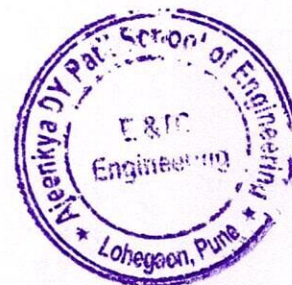
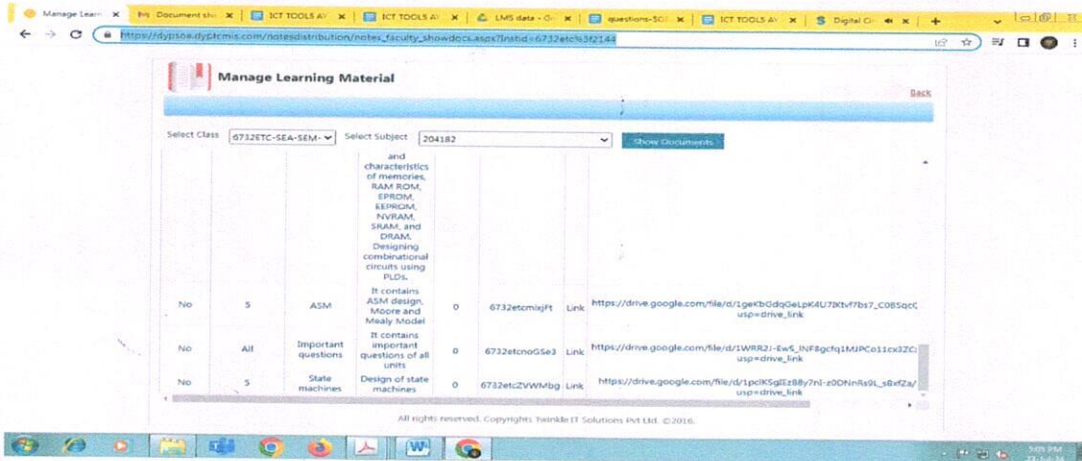
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**Dr Saniya Ansari, Project Management, TE-A & B**



**Prof. Prajakta Khairnar, Digital Circuits, SE A, B,**



## Dr. Sanjay Koli ,Digital Communication TE A

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Approval	Unit / Chapter	Topic	Description	Size(kb)	File ID	File	Access Link
No	Unit-1 Chapter 1	Introduction	DC Introduction part 4	778	6732etc5p9w2	.pdf	
No	Unit-1 Chapter 1	Digital Modulation-1	Digital Modulation-1	0	6732etc6b6zv	Link	https://drive.google.com/drive/folders/1Q2Cwt3GauFAH8W215tqKotusp-drive_link
No	Unit-1 Chapter 1	Random Process Part-1	Random Process Part-1	772	6732etc7m1UR	.pdf	
No	Unit-1 Chapter 1	DC Introduction	DC Introduction Part 2	718	6732etcuWZah	.pdf	
No	Unit-VI	Error Control Coding	Error Control Coding	0	6732etcFca3XM	Link	https://drive.google.com/drive/folders/1tWk9Ztq5t5pWwqf8mp_uo_3usp-drive_link
No	Unit V	Information Theoretic Approach to Communication System	Information Theoretic Approach to Communication System	0	6732etcu2jyvk	Link	https://drive.google.com/drive/folders/1yAc85np8WwU_Cy24FVVK8utp-drive_link
No	Unit I	Random Processes and Signals	Random Processes and Signals	640	6732etcH2akb	.pdf	

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## Dr. Sanjay Koli Digital Communication, TE B

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Approval	Unit / Chapter	Topic	Description	Size(kb)	File ID	File	Access Link
No	Unit 1 to 6	all	all	0	6732etc0eCDH	Link	https://drive.google.com/drive/folders/1q932Bz7988AAsAdWmLuoKag_ZIusp-drive_link
No	Unit-1 Chapter 1	Random Process Part-1	Random Process Part-1	772	6732etc7jgYKs	.pdf	
No	Unit-1 Chapter 1	Random Process Part-2	Random Process Part-2	304	6732etc45yVb	.pdf	
No	Unit-1 Chapter 1	DC Introduction	DC Introduction Part 1	428	6732etcKAV9H	.pdf	
No	Unit-1 Chapter 1	DC Introduction	DC Introduction Part 3	507	6732etcimz07Y	.pdf	
No	Unit-1 Chapter 1	DC Introduction	DC Introduction Part 4	772	6732etcT847b	.pdf	
No	Unit-1 Chapter 1	DC Introduction	DC Introduction Part 5	713	6732etcy8yRT	.pdf	

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## Prof. Ashwini Bagde, Signal and system TE A

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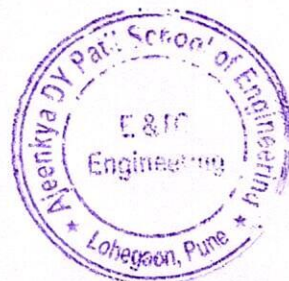
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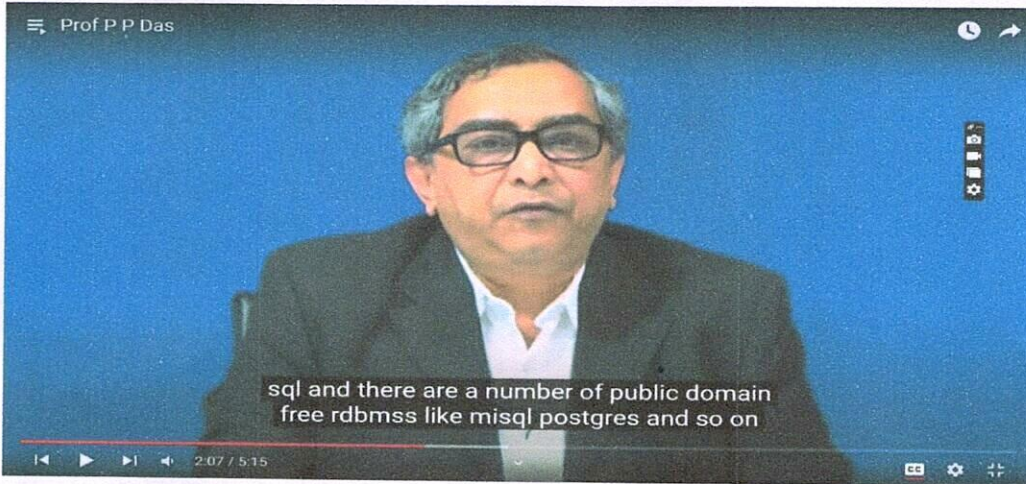
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Course Duration: Jan-Apr 2024  
Enrollment: 2023-11-09 to 2024-01-20  
Exam Registration: to 2024-02-16  
Exam Date: 2024-04-20

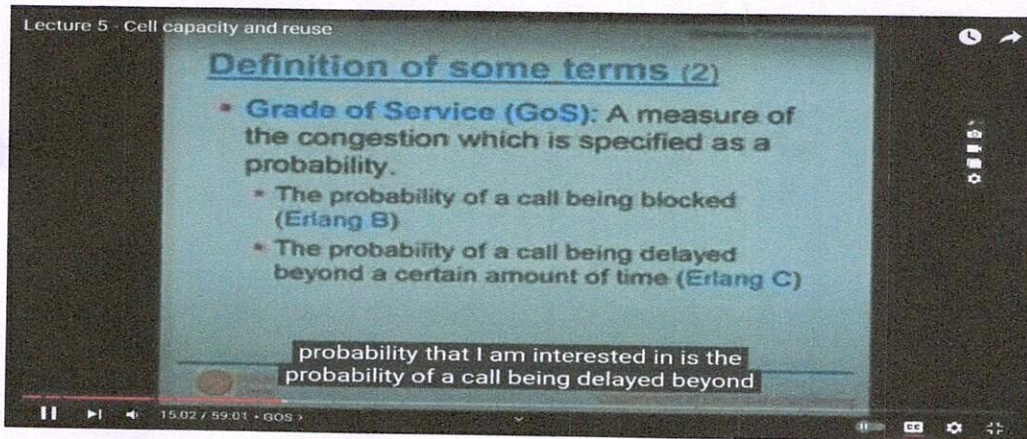
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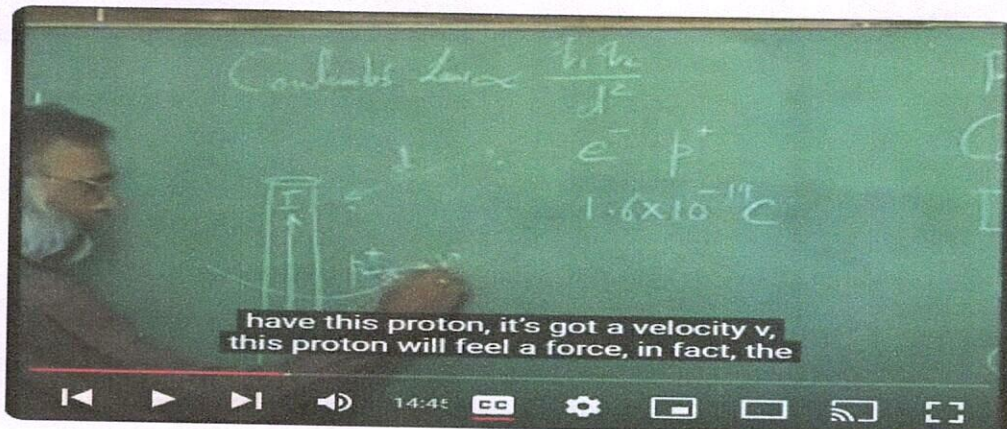
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Prof. Sagar Dhawale, TE - A & B, CN



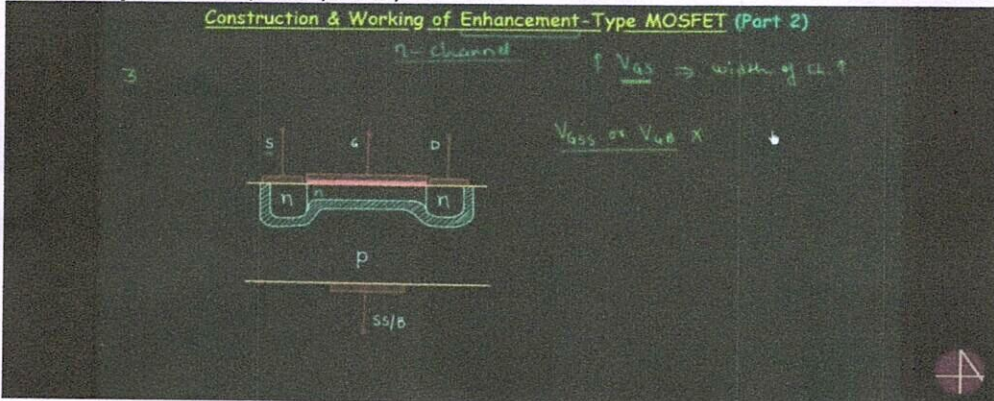
Prof. Swati Khawate, TE A , B , EMFT



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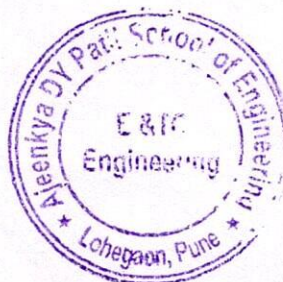


Prof. Kalpita Mane, ENC, SE A, B



*Manjusha Patil*  
Prepared By  
Prof. Manjusha Patil

*Saniya Ansari*  
HOD ENT  
Dr. Saniya Ansari





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**ICT Tools AY 2023-24 SEM-I**

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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	unit 1	Electrostatics	Review of 3D Coordinate Geometry, Vector Calculus, Physical significance of Gradient, Divergence, Curl, Electric field intensity(E), Displacement Flux Density(D), Gauss's law, Electric potential(V), Potential Gradient, E/D/V due to uniform sources (point charge, infinite line charge, infinite surface charge), Maxwell Equations for Electrostatics, Current, Current Density, physical interpretation, Application Case Study: Electrostatic Discharge, Cathode Ray Oscilloscope.	618	6732etc9X7en6	.pdf	D:\EMFT\Course_File EMFT\notes
No	unit 3	Boundary Conditions	Electric Dipole, Dielectric Polarization, Properties of Conductors, Dielectric Materials, Boundary conditions (dielectric-dielectric, conductor –dielectric), significance and applications of Poisson's and Laplace's equations - Capacitance, Energy density, Magnetization, magnetic materials, Boundary conditions for Magnetic Fields, Magnetic force, Torque, Application Case Study: RF MEMS, Magnetic Levitation, Electromagnetic Pump, Scalar and Vector Magnetic Potential, Poisson's	859	6732etc01fXA	.pdf	D:\EMFT\Course_File EMFT\notes

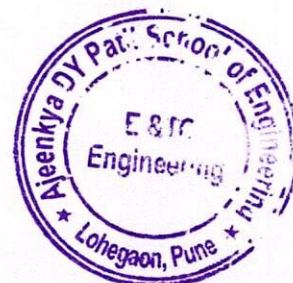
**Prof. Manjusha Patil, TE – B, EMFT**

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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	unit 1	Electrostatics	Review of 3D Coordinate Geometry, Vector Calculus, Physical significance of Gradient, Divergence, Curl, Electric field intensity(E), Displacement Flux Density(D), Gauss's law, Electric potential(V), Potential Gradient, E/D/V due to uniform sources (point charge, infinite line charge, infinite surface charge), Maxwell Equations for Electrostatics, Current, Current Density, physical interpretation, Application Case Study: Electrostatic Discharge, Cathode Ray Oscilloscope.	618	6732etc9X7en6	.pdf	D:\EMFT\Course_File EMFT\notes
No	unit 3	Boundary Conditions	Electric Dipole, Dielectric Polarization, Properties of Conductors, Dielectric Materials, Boundary conditions (dielectric-dielectric, conductor –dielectric), significance and applications of Poisson's and Laplace's equations - Capacitance, Energy density, Magnetization, magnetic materials, Boundary conditions for Magnetic Fields, Magnetic force, Torque, Application Case Study: RF MEMS, Magnetic Levitation, Electromagnetic Pump, Scalar and Vector Magnetic Potential, Poisson's	859	6732etc01fXA	.pdf	D:\EMFT\Course_File EMFT\notes

**Dr Saniya Ansari, BE-A & B, DM**





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**INTRODUCTION**

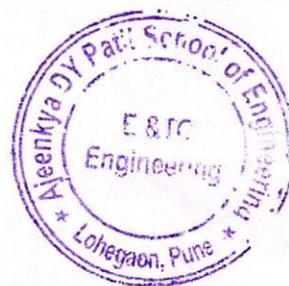
Course Duration : Jan-Apr 2024

Enrollment : 2023-11-09 to 2024-01-29

Exam Registration : to 2024-02-16

Exam Date : 2024-04-20

Prof. Sagar Dhawale , BE - A , VLSI



CMOS Inverter Basics I

## CMOS INVERTER - Basic Idea

Figure : A static inverter with capacitive load

8:19 / 40:52 • Transfer Characteristics

Exit full screen (f)

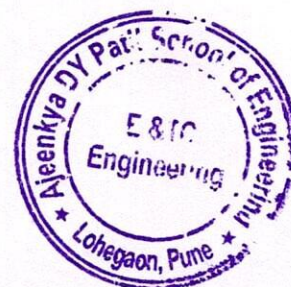
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Prof Prajakta Khairnar, Digital Circuits, SE A

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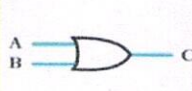
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onlinecourses.nptel.ac.in/hoc22\_ee110/unit?unit=33&lesson=37

Course outline

- How does an NPTEL online course work?
- Week 0:
- Week 1:
- Week 2:
- Week 3:
  - Lecture 11: Boolean Algebra (Contd.)
  - Lecture 12: Boolean Algebra (Contd.)
  - Lecture 13: Boolean Algebra (Contd.)
  - Lecture 14: Logic Gates
  - Lecture 15: Logic Gates (Contd.)
  - Lecture Materials For Week 3
  - Quiz: Week 3: Assignment 3
  - Feedback for Week 3
- Week 4:
- Week 5:
- Week 6:

### • The OR gate



(a) Circuit symbol

A	B	C
0	0	0
0	1	1
1	0	1
1	1	1

(b) Truth table

$$C = A + B$$

(c) Boolean expression

Ask a question

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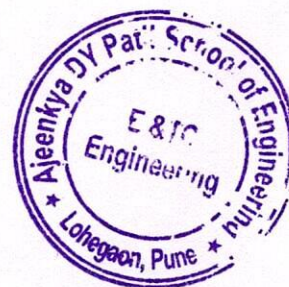
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No						
No	1	Logic families	It contains classification, characteristics, TTL, CMOS, Tables.	0	6732etc7lyje	Link: <a href="https://drive.google.com/file/d/1542UEarjxhWYgATd15v5RLnGavzr-KB-usp=drive_link">https://drive.google.com/file/d/1542UEarjxhWYgATd15v5RLnGavzr-KB-usp=drive_link</a>
No	5	ASM charts	This unit contains, ASM charts, Sequential circuits	424	6732etcgFUIVI	.pdf
No	2	Combinational circuits	This unit describe combinational circuit design, K map, Half adder, full adder	700	6732etcwRuxb	.pdf
			It contains Programmable logic devices: Detail architecture,			

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Prof. Seema Khamankar SE A, ENC







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No	unit 1	MOSFET	Mosfet, characteristics	0	6732etc3Rtvou	Link	C:\Users\student\Downloads			
No	unit 3	Voltage Regulator	Batteries are often shown on a schematic diagram as the source of DC voltage but usually the actual DC voltage source is a power supply. ? There are many types of power supply. Most are designed to convert high voltage AC mains electricity to a suitable low voltage supply for electronics circuits and other devices. ? A more reliable method of obtaining DC power is to transform, rectify, filter and regulate an AC line voltage. ? A power supply can be broken down into a series of blocks, each of which performs a particular function	354	6732etcj7AaTB	.pdf	wordpress.com			
No	Unit 2	Mosfet DC Circuit Analysis	The task in D.C. analysis of a MOSFET circuit is to find one current and two voltages! a) Since the gate current $G I$ is zero ( $0 G I =$ ) for all MOSFETS in all modes, we need only to find the drain current $D I$ --this current value must be positive (or zero). b) We also need to find two of the three voltages associated with the	598	6732etcXxWEwH	.pdf	https://www.ittc.ku.edu/			

### Prof. Seema Khamankar, SE B, ENC

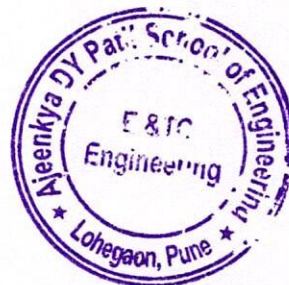


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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link			
No	unit 1	MOSFET	Mosfet, characteristics	0	6732etc3Rtvou	Link	C:\Users\student\Downloads			
No	unit 3	Voltage Regulator	Batteries are often shown on a schematic diagram as the source of DC voltage but usually the actual DC voltage source is a power supply. ? There are many types of power supply. Most are designed to convert high voltage AC mains electricity to a suitable low voltage supply for electronics circuits and other devices. ? A more reliable method of obtaining DC power is to transform, rectify, filter and regulate an AC line voltage. ? A power supply can be broken down into a series of blocks, each of which performs a particular function	354	6732etcj7AaTB	.pdf	wordpress.com			
No	Unit 2	Mosfet DC Circuit Analysis	The task in D.C. analysis of a MOSFET circuit is to find one current and two voltages! a) Since the gate current $G I$ is zero ( $0 G I =$ ) for all MOSFETS in all modes, we need only to find the drain current $D I$ --this current value must be positive (or zero). b) We also need to find two of the three voltages associated with the	598	6732etcXxWEwH	.pdf	https://www.ittc.ku.edu/			

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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	6. Applications of IoT	Applications of IoT	Smart Environment: Forest Fire Detection, Air Pollution, Smart Cities: Parking, Structural Health, Noise Urban maps, Smart Metering: Smart Grid, Tank level, Photovoltaic Installations, Silos Stock Calculation, Health: Fall Detection, Medical Fridges, Sportsmen Care, Patients Surveillance, Ultraviolet Radiation PHY/MAC Layer (802.11, IEEE 802.15), Wireless HART, Z-Wave, Bluetooth Low Energy, Zigbee Smart Energy, DASH7 - Network Layer-Ipv4	0	6732etc129d4	Link	<a href="https://drive.google.com/drive/folders/1pyiBv9nWqHID5zB-7HaR4gg9nts7V6">https://drive.google.com/drive/folders/1pyiBv9nWqHID5zB-7HaR4gg9nts7V6</a>

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Prof. Kalpita Mane ,BE-B, MOIT

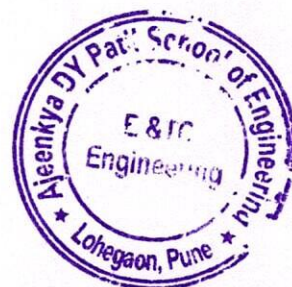
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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	3. IoT Protocols	IoT Protocols	PHY/MAC Layer (802.11, IEEE 802.15), Wireless HART, Z-Wave, Bluetooth Low Energy, Zigbee Smart Energy, DASH7 - Network Layer-Ipv4 IPV6, 6LoWPAN, 6TISCH, ND, DHCP, ICMP, RPL, CORPL, CARP, Transport Layer (TCP, MPTCP, UDP, DCCP, SCTP)-(TLS, DTLS) - Session Layer HTTP, CoAP, XMPP, AMQP, MQTT Introduction: Key IIoT technologies, Catalysts, and precursors of IIoT, innovation and the IIoT, Applications of IIoT Examples: Healthcare, Oil and Gas	0	6732etc2W11C2	Link	<a href="https://drive.google.com/drive/folders/1pyiBv9nWqHID5zB-7HaR4gg9nts7V6">https://drive.google.com/drive/folders/1pyiBv9nWqHID5zB-7HaR4gg9nts7V6</a>

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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	Unit-1 Chapter 1	Introduction	DC Introduction part 4	773	6732etc5y9hwz	pdf	
No	Unit II	Digital Modulation I	Digital Modulation I	9	6732etc99bzv	Link	<a href="https://drive.google.com/drive/folders/1QOCmUQauFANBEW21Stq8Kotusp#drive_link">https://drive.google.com/drive/folders/1QOCmUQauFANBEW21Stq8Kotusp#drive_link</a>
No	Unit-1 Chapter 1	Random Process Part 1	Random Process Part 1	772	6732etc77hiiJR	pdf	
No	Unit-1 Chapter 1	Introduction	DC Introduction Part 2	713	6732etcuWzaii	pdf	
No	Unit VI	Error-Control Coding	Error-Control Coding	0	6732etc7ca8KM	Link	<a href="https://drive.google.com/drive/folders/19eK9ZQg5tp9hwqj8temp_uo_5usp#drive_link">https://drive.google.com/drive/folders/19eK9ZQg5tp9hwqj8temp_uo_5usp#drive_link</a>
No	Unit V	Theoretic Approach to Communication System	Theoretic Approach to Communication System	0	6732etcuByyx	Link	<a href="https://drive.google.com/drive/folders/1yad5NplbWcl_Oy24PVK3utp#drive_link">https://drive.google.com/drive/folders/1yad5NplbWcl_Oy24PVK3utp#drive_link</a>
No	Unit I	Random Processes and Noise	Random Processes and Noise	640	6732etcUQzko	pdf	

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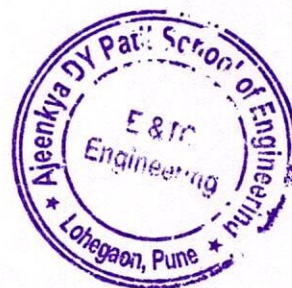
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Approval	Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Access Link
No	Unit 1 to 6	All	All	0	6732etc0olCOH	Link	<a href="https://drive.google.com/drive/folders/1njYVtFz7F-B8A1stAdWmLuctkg.1?usp#drive_link">https://drive.google.com/drive/folders/1njYVtFz7F-B8A1stAdWmLuctkg.1?usp#drive_link</a>
No	Unit-1 Chapter 1	Random Process Part -1	Random Process Part -1	772	6732etc7hijH3	pdf	
No	Unit-1 Chapter 1	Random Process Part -2	Random Process Part -2	804	6732etcac5jVb	pdf	
No	Unit-1 Chapter 1	Introduction	DC Introduction Part 1	428	6732etcFkAv9H	pdf	
No	Unit-1 Chapter 1	Introduction	DC Introduction Part 3	507	6732etcimz07Y	pdf	
No	Unit-1 Chapter 1	Introduction	DC Introduction Part 4	773	6732etc7H857b	pdf	
No	Unit-1 Chapter 1	Introduction	DC Introduction Part 1	713	6732etcyByHT	pdf	

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*Manjusha Patil*  
Prepared By  
Prof. Manjusha Patil

*Saniya Ansari*  
HOD ENT  
Dr. Saniya Ansari



**ITC record (A.Y 2023-24 Sem II)**

**Subject – Basic Electronics Engineering**

**Manage Documents** Back

Select Class:  Select Subject:  Show Documents

Unit / Chapter	Topic	Description	Size(Kb)	File ID	File Faculty	Access Link
Unit III Number System and Logic Gates	Number System and Logic Gates	Unit III Number System and Logic Gates: Number System- Binary, BCD, Octal, Decimal, Hexadecimal their conversion Arithmetic operations, De-Morgan's theorem Basic Gates- AND, OR, NOT, Universal Gate- XOR, XNOR, Half adder, Full adder Flip Flop's SR, JK, T and D Introduction to Microprocessor introduction to Microcontroller	0	6732fe0xoEan	Link	
Unit II Transistor and OPAMP	Transistor, Mosfet, and OPAMP working & application	Bipolar Junction Transistor : Construction, type, Operation, V-I Characteristics, region of Operation BJT as switch and CE amplifier (MOSFET): Construction, Types, Operation, V-I characteristics, Regions of operation, MOSFET as switch & amplifier, Operational amplifier: Functional block diagram of operational amplifier, ideal operational amplifier, Op-amp as Inverting and Non inverting amplifier	0	6732fe0wN0U	Link	
Unit IV Electronic Instrumentation	DMM, CRO, DSO, FUNCTION GENERATOR Block Diagram	Unit IV Electronic Instrumentation : Electronic Instruments: Principles and block diagram of digital multimeter, Principles and block diagram Function Generator Principles and block diagram Digital Storage Oscilloscope (DSO) Power scope Principles and block diagram AC/DC power supply, Principles and block diagram Auto transformer Principles and block diagram Analog ammeter and voltmeter.	0	6732fe90o10u	Link	

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**Manage Documents** Back

Select Class:  Select Subject:  Show Documents

Unit / Chapter	Topic	Description	Size(Kb)	File ID	File Faculty	Access Link
Unit III Number System and Logic Gates	Number System and Logic Gates	Unit III Number System and Logic Gates: Number System- Binary, BCD, Octal, Decimal, Hexadecimal their conversion Arithmetic operations, De-Morgan's theorem Basic Gates- AND, OR, NOT, Universal Gate- XOR, XNOR, Half adder, Full adder Flip Flop's SR, JK, T and D Introduction to Microprocessor introduction to Microcontroller	0	6732fe9j6PL6S	Link	
Introduction to Electronics	Introduction to Electronics	Evolution of Electronics, Impact of Electronics in industry and in society.	0	6732fe9jFVLU	Link	
Unit VI Communication Systems	: Basic Communication System: Block Diagram, Modes of Transmission	Study of communication Media: Wired and Wireless, Introduction of Electromagnetic Spectrum, Study of Allotment of frequency band for different applications, Block Diagram of AM and FM Transmitter and receiver Mobile Communication System: Cellular concept, Study of Simple block diagram of GSM system.	0	6732fe9Lrp7E	Link	
Introduction to Electronics components	Introduction to Electronics components	Introduction to active and passive components, P-type Semiconductor, N-type Semiconductor, Current in semiconductors(Diffusion and Drift Current) P-N Junction diode: construction and its working in forward and reverse bias condition V-I characteristics of P-N junction Diode, Diode as a switch, Half Wave Rectifier, Full wave and Bridge Rectifier, Special purpose diodes: Zener diode, Light Emitting Diode (LED), photo diode along with VI characteristics and their applications.	0	6732fe9KClYn	Link	

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*Sanjana*  
Sanjana Desai



*Dr. S.M. Khairnar*  
Dr. S.M. Khairnar  
HOD

**Subject – Engineering Physics**

**Manage Documents** Back

Select Class:  Select Subject:

Unit / Chapter	Topic	Description	Size(Kb)	File ID	File Faculty	Access Link
UNIT 2	LASER & OPTICS	Student will learn fundamental of LASER its type and applications	0	6732fe38HnKL	Link	<a href="https://drive.google.com/drive/folders/1b76piYsuUmG5ePoJFOSPaeR3i">https://drive.google.com/drive/folders/1b76piYsuUmG5ePoJFOSPaeR3i</a>
UNIT 6	Non Destructive Testing and Nanotechnology	Classification of Non-destructive testing methods - Principles of physics in Non-destructive Testing - Advantages of Non-destructive testing methods - Acoustic Emission Testing	0	6732fe9ZHRvG	Link	<a href="https://www.youtube.com/watch?v=krU1Hf5Be78">https://www.youtube.com/watch?v=krU1Hf5Be78</a>
UNIT 4	Semiconductor Physics	Hall effect	0	6732fet5ywnL	Link	<a href="https://www.youtube.com/watch?v=iPU_pzrg4UE&amp;t=12s">https://www.youtube.com/watch?v=iPU_pzrg4UE&amp;t=12s</a>
UNIT 3	Quantum Mechanics	Student will be able to understand the	0	6732fetPqOv1	Link	<a href="https://www.youtube.com/watch?v=jXZjpgIwE5s">https://www.youtube.com/watch?v=jXZjpgIwE5s</a>


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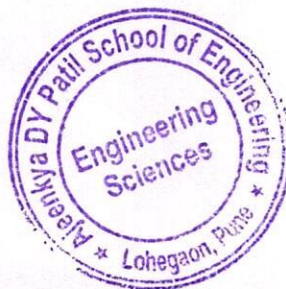
**Manage Documents** Back


Select Class:  Select Subject:

UNIT 3	Quantum Mechanics	able to understand the microscopic angle of atom	0	6732fetPqOv1	Link	<a href="https://www.youtube.com/watch?v=jXZjpgIwE5s">https://www.youtube.com/watch?v=jXZjpgIwE5s</a>
Unit 1	Electromagnetic spectrum	Student will be able understand about spectrum of wave and its uses .	0	6732feVgctaw	Link	<a href="https://drive.google.com/drive/folders/1b76piYsuUmG5ePoJFOSPaeR3i">https://drive.google.com/drive/folders/1b76piYsuUmG5ePoJFOSPaeR3i</a>
UNIT 5	Magnetism and Superconductivity	Introduction to superconductivity; Properties of superconductors: zero electrical - resistance, critical magnetic field, persistent current, Meissner effect - Type I and Type II superconductors - Low and high temperature superconductors	0	6732fewFvULX	Link	<a href="https://www.youtube.com/watch?v=xgCSzgr6Hdc">https://www.youtube.com/watch?v=xgCSzgr6Hdc</a>

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 Prof. Vikas Mogadpalli  
 Subject In charge



  
 Dr. S.M Khairnar  
 HoD

**Subject – Basic Electrical Engineering**

**Manage Documents** Back

Select Class: 6732FE-F    Select Subject: 103004    [Show Documents](#)


Unit / Chapter	Topic	Description	Size(Kb)	File ID	File Faculty	Access Link
Unit -III	Single Phase AC Circuit	Single Phase AC Circuit	0	6732fe3mmVm7	Link	<a href="https://drive.google.com/file/d/1LgBNb5nyz58T9XyxcUgCdQz_HNHkvusp=drive_link">https://drive.google.com/file/d/1LgBNb5nyz58T9XyxcUgCdQz_HNHkvusp=drive_link</a>
Unit -VI Part2	Work Power Energy and Batteries Part2	Work Power Energy and Batteries Part2	0	6732fe3pgUB3	Link	<a href="https://drive.google.com/file/d/1MOfh6srO52YA-Pv21f5oorH_h5NIta1usp=drive_link">https://drive.google.com/file/d/1MOfh6srO52YA-Pv21f5oorH_h5NIta1usp=drive_link</a>
Unit -V	DC Circuit	DC Circuit	0	6732fe3UxF3h	Link	<a href="https://drive.google.com/file/d/1gMBjWwBN2cen54Y827Wjg5fvp_gpusp=drive_link">https://drive.google.com/file/d/1gMBjWwBN2cen54Y827Wjg5fvp_gpusp=drive_link</a>
Unit -I	Introduction to Electromagnetism	Introduction to Electromagnetism	0	6732fec8vscz	Link	<a href="https://drive.google.com/file/d/1G3CXTCSpa8LMk275p203HfYVKQRE3Cusp=drive_link">https://drive.google.com/file/d/1G3CXTCSpa8LMk275p203HfYVKQRE3Cusp=drive_link</a>
Unit -II	Electrostatics	Electrostatics	0	6732feEk2a2O	Link	<a href="https://drive.google.com/file/d/1pTjx4ESNA_ohVRas05o2qc7IwhGRJ_btusp=drive_link">https://drive.google.com/file/d/1pTjx4ESNA_ohVRas05o2qc7IwhGRJ_btusp=drive_link</a>
Unit -IV	Polyphase AC Circuit and Single Phase Transformer	Polyphase AC Circuit and Single Phase Transformer	0	6732feh12F8F	Link	<a href="https://drive.google.com/file/d/1yHifjOg-1QBf-uFLUBWAd9e2CTzDqyusp=drive_link">https://drive.google.com/file/d/1yHifjOg-1QBf-uFLUBWAd9e2CTzDqyusp=drive_link</a>
Unit -VI	Work, Power, Energy and Batteries Part 1	Work, Power, Energy and Batteries namaste	0	6732feOtQyJd	Link	<a href="https://drive.google.com/file/d/1LbTSD-1Xh9Tf-sEoiNporf9o4nh-5kusp=drive_link">https://drive.google.com/file/d/1LbTSD-1Xh9Tf-sEoiNporf9o4nh-5kusp=drive_link</a>

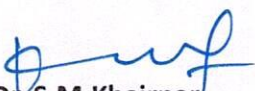
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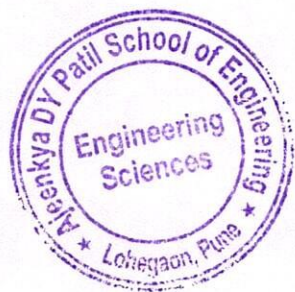
Select Class: 6732FE-G    Select Subject: 103004    [Show Documents](#)

Unit / Chapter	Topic	Description	Size(Kb)	File ID	File Faculty	Access Link
Unit03	Electrostatics	All about Electrostatics	792	6732fe2FimG4	.pdf	
Unit06	Work energy & power	All about Work, energy and power	0	6732feaDG5dr	Link	<a href="https://www.youtube.com/watch?v=F5DoTvaT_JA">https://www.youtube.com/watch?v=F5DoTvaT_JA</a>
Unit-02	ACF	All about AC Fundamentals	801	6732fek5vsV0	.pdf	
Unit-01	Electromagnetism	Electromagnetism, Electromagnetism is a branch of Physics, that deals with the electromagnetic force that occurs between electrically charged particles. The electromagnetic force is one of the four fundamental forces and	0	6732fek5AnRE	Link	

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**Prof. Rohini Gadgil**  
 Subject In charge

  
**Dr. S.M. Khairnar**  
 HOD



**ICT A.Y 2023-24 Sem I**

**Subject – Basic Electronic Engineering**

**Manage Documents** Back

Select Class: 6732FE-A    Select Subject: 104010    Show Documents

Unit / Chapter	Topic	Description	Size(Kb)	File ID	File	Faculty	Access Link
Unit VI Communication Systems	Basic Communication System: Block Diagram, Modes of Transmission	Study of communication Media: Wired and Wireless, Introduction of Electromagnetic Spectrum, Study of Allotment of frequency band for different applications, Block Diagram of AM and FM Transmitter and receiver Mobile Communication System: Cellular concept, Study of Simple block diagram of GSM system.	0	6732fe3drbjR	Link		
Unit IV Electronic Instrumentation	DMM, DSO, CRO, Function Generator, Auto transformer Block Diagram	Unit IV Electronic Instrumentation : Electronic Instruments: Principles and block diagram of digital multimeter, Principles and block diagram Function Generator Principles and block diagram Digital Storage Oscilloscope (DSO) Power scope Principles and block diagram AC/DC power supply, Principles and block diagram Auto transformer Principles and block diagram Analog ammeter and voltmeter.	0	6732feEgqv7	Link		
Unit V : Sensors	Classification of Sensors, Active & Passive sensors. Analog & Digital sensors.	Motion Sensors (LVDT & Accelerometer) Temperature sensors (Thermocouple, Thermistor, RTD) Semiconductor Sensors (Gas Sensor) Optical Sensors (LDR) Mechanical Sensors ( strain gauge, Load Cell, Pressure Sensor) Biosensors (Working Principals & one application)  Introduction to active and passive components, P-type Semiconductor, N-type Semiconductor. Current in	0	6732fehvjudk	Link		

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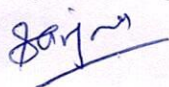
Select Class: 6732FE-A    Select Subject: 104010    Show Documents

Unit V : Sensors	Classification of Sensors, Active & Passive sensors. Analog & Digital sensors.	Motion Sensors (LVDT & Accelerometer) Temperature sensors (Thermocouple, Thermistor, RTD) Semiconductor Sensors (Gas Sensor) Optical Sensors (LDR) Mechanical Sensors ( strain gauge, Load Cell, Pressure Sensor) Biosensors (Working Principals & one application)	0	6732fehvjudk	Link		
Introduction to Electronics components	Introduction to Electronics components	Introduction to active and passive components, P-type Semiconductor, N-type Semiconductor, Current in semiconductors(Diffusion and Drift Current) P-N Junction diode: construction and its working in forward and reverse bias condition V-I characteristics of P-N junction Diode, Diode as a switch, Half Wave Rectifier, Full wave and Bridge Rectifier. Special purpose diodes: Zener diode, Light Emitting Diode (LED), photo diode along with vi characteristics and their applications.	0	6732fegnwhqz	Link		
Unit II Transistor and OPAMP	Transistor, Mosfet, and OPAMP working & application	Bipolar Junction Transistor : Construction, type, Operation, V-I Characteristics, region of Operation BJT as switch and CE amplifier (MOSFET): Construction, Types, Operation, V-I characteristics, Regions of operation, MOSFET as switch & amplifier, Operational amplifier: Functional block diagram of operational amplifier ideal operational amplifier, Op-amp as inverting and Non inverting amplifier	0	6732felivwo7	Link		
Introduction to Electronics	Introduction to Electronics	Evolution of Electronics, impact of Electronics in industry and in society.	0	6732feosiqIX	Link		

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Prof. Snajana Desai

Subject In charge



Dr. S.M.Khairnar

HOD



**Department of Computer Engineering**

**A.Y.2023-24**

# **ICT Tool**



Sr.No	Name of faculty	Item	Date	Issue time	Return time	Sign
01.	Shirsath Mondai	Smart TV	28/07/23	10:15 AM	11:30 PM	
02	Manjusha Patil	Smart TV	28/7/23	12:00 pm	1:00 pm	
03	Seema Khamankar	Smart TV	31/7/23	11:00 am	12: PM.	
04	Kranti Kamble	Smart TV	31/7/23	12:10 pm	1:00 pm	
05	Dr. Sanjay Koli	"	31/7/23	3:00 pm	4:00 pm	
06	Dr. Swati Khawade	"	1/8/23	12:00 pm	1:00 pm	
07	Prayakta Khairnar	Smart TV	1/8/23	10-11:00 am	11:00 am	
08	Dr. SM Ansari	"	2/8/23	11:00 am	12:00 am	
09	Seema Khamankar	PPT	2/8/23	12:45 pm	1:45 pm.	
10	Kalpita Mane	Smart TV	2/8/23	1:45 pm	2:45 pm	
11.	Sagar Dhawale	Smart TV	2/8/23	3:00 pm	4:00 pm	
12.	Anuradha Sabji	Smart TV	2/8/23	4:00 pm	5:00 pm	
13	Manjusha Patil	Laptop	3/8/23	11:00 am	12:00 pm	
14	Kranti Kamble	Smart TV	3/8/23	3:00 pm	4:00 pm	
15.	Kranti Kamble	Smart TV	4/8/23	4:00 pm	12:00 pm	
16	Shirsath Mondai	Laptop	4/8/23	01:15 PM	02:30 PM	
17	Kranti Kamble	Laptop	8/8/23	3:00 pm	4:00 pm	
18	Dr. Sanjay Koli	Smart TV	9/8/23	4:00 pm	5:00 pm	
19	Prayakta Khairnar	Laptop	14/8/23	10:00 am	11:00 am	
20	Dr. Swati Khawade	Laptop	21/8/23	11:00 am	12:00 pm	
21	Dr. Soniya Ansari	Smart TV	21/8/23	12:45 to 1:45	1:45 pm	
22	Seema Khamankar	-11-	25/8/23	1:45 to 2:45	2:45 pm	
23	Sagar Dhawale	Laptop	28/8/23	12:00 pm	1:00 pm	
24	Manjusha Patil	Laptop	29/8/23	3:00 pm	4:00 pm	
25	Seema Khamankar	Laptop	30/8/23	3:00 PM	4:00 pm	
26	Kalpita Mane	Projector	31/8/23	4:00 pm	5:00 pm	
27	Anuradha Sabji	Laptop	4/9/23	3:00 pm	4:00 pm	
28	Dr. Sanjay Koli	Smart TV	5/9/23	11:00 am	12:00 pm	
29	Prayakta Khairnar	Smart TV	11/9/23	3:00 pm	4:00 pm	
30	Sagar Dhawale	Laptop	13/9/23	4:45 pm	5:00 pm	
31	Anuradha Sabji	Laptop	19/9/23	3:00 pm	4:00 pm	
32	Manjusha Patil	Laptop	26/9/23	11:00	12:00	



A.Y. 2023-24 ICT Tools.

Sem - II

Camlin Page  
No. /

Sl. No.	Name of Faculty	Item	Date	Issue time	Return time	Sign
	Ujwala Patil	SmartTV	16/1/24	11:00	12:00	
	Soorati Khawade	Laptop	16/1/24	1:45 pm	2:45 pm	
	Sanjay Koli	Laptop	18/1/24	4 pm	5 pm	
	Ujwala Patil	Laptop	23/1/24	10:00 - am	11:00 am	
	Uma Khurankar	Laptop	24/1/24	11:15 am	12 pm	
	Aaksha Khaimar	SmartTV	29/1/24	1:45 pm	2:45 pm	
	Sanya Anjan	Laptop	30/1/24	11:00 am	12:00 pm	
	Satmane	Projector	5/2/24	12:00 pm	1:00 pm	
	Gar Dhanvale	Projector	6/2/24	3:00 pm	4:00 pm	
	Urvashi Sahi	Laptop	9/2/24	11:00 am	12:00 am	
	Ujwala Patil	Laptop	12/2/24	12:00 pm	1:00 pm	
	Antti Kamble	Laptop	16/2/24	10:00 am	11:00 am	
	Uma Khurankar	Laptop	20/2/24	10:00	11:00	
	Gar Dhanvale	Projector	22/2/24	11:00	12:00	
	Antti Kamble	SmartTV	23/2/24	10:00	11:00	
	Ujwala Patil	SmartTV	5/3/24	3:00 - 4:00	4:00 pm	
	Uma Khurankar	Laptop	6/3/24	3:30 P.M.	4:30	
	Sanjay Koli	Laptop	7/3/24	11:00	12:00	
	Aaksha Khaimar	Laptop	12/3/24	1:45	2:45	
	Sanya Anjan	Projector	18/3/24	2:45 to 3:45	3:45	
	Uma Khurankar	Laptop	19/3/24	3:45	4:45	
	Urvashi Tiwari	SmartTV	22/3/24	3:00 pm	4:00 pm	
	Satmane	SmartTV	29/3/24	12:45 pm	1:45	
	Gar Dhanvale	Laptop	2/4/23	3:00 pm	4:00	
	Urvashi Sahi	Laptop	4/4/23	4:00 pm	5:00	
	Ujwala Patil	Laptop	8/4/23	11:00 am	12:00	
	Soorati Khawade	SmartTV	8/4/23	3:00 pm	4:00	
	Ujwala Patil	Laptop	9/4/23	12:45 pm	1:45 pm	
	Sanjay Koli	SmartTV	9/4/23	4:00 -	5:00	



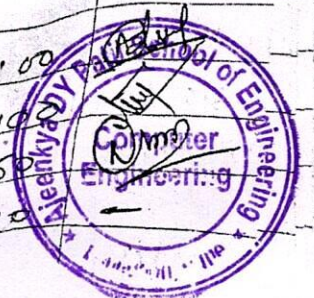
Sem I

July 2023

Date	Name of the staff	Room No.	Time	Sign
0-07-23	Pallavi Shimpi (LCD)	334	11:00 to 12:00	Pallavi
10-07-23	Ashwini Pandagale	326	01:00 to 01:30	AS
"	Nilesh Piryarkar	327	03:10 to 4:00	NP
"	Priji Rathod	331	4:20 to 6:00	Rathod
10-07-23	Sheeta More	301	4:20 to 5:10	SM
11-7-23	Pallavi Shimpi (Projector)	331	2:20 to 4:00	Pallavi
11-7-23	Tushar Phadtare	334	12:10 to 1:00	TP
"	Amruta Chitani	334	1:00 to 1:50	AC
"	Suvidha Sutha	335	4:20 to 5:10	SS
"	Gauri Rasane	335	5:10 to 6:00	GR
12/07/23	Tushar phadtare	312	12:10 to 1:00	TP
12/07/23	Minal Taley	328	5:20 to 5:10	MT
13/07/23	Jayshree Waman	339	2:20 to 4:00	JW
14/07/23	UJVALA PATIL	325	2:20 to 3:10	UP
17-7-23	Pallavi Shimpi (Proj)	312	1:00 - 1:50	Pallavi
17/7/23	Amruta Chitani	335	2:20 to 3:10	-
18-7-23	P.M. Shimpi (Proj)	331	2:20 to 4:00	Pallavi
18/7/23	Pankaj Agarkar	335	3:10 to 4:00	PA
19/7/23	Ishwar Bherambe	392	2:20 to 4:00	IB
19/7/23	yashanjali sisodia	302	4:20 to 5:10	YS
20/7/23	Jayashree Waman	334	12:10 to 1:00	-
21/07/23	Gauri Rasane	334	01:00 to 01:50	GR
25-7-23	Pallavi Shimpi (Proj)	312	2:20 to 4:00	Pallavi
	X	X	X	

August 2023

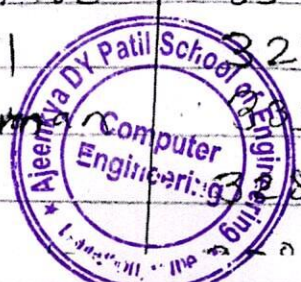
07/08/23	Ashlesha Adsul	328	12:10 to 1:00	AS
07/08/23	Tushar Phadtare	334	12:10 to 1:00	TP
08/08/23	Amruta Chitani	334	1:00 to 1:50	AC
09/08/23	Jayashree Waman	334	5:10	JW



Date	Name of the Staff	Room No.	Time	
14/08/23	Renuka Gavali	328	3:10 to 4:00	S
15/8/23	Jayshree Waman	337	3:10 to 4:00	S
16/8/23	Tushar Phadtare	334	2:20 to 3:10	
18/8/23	Amruta Chitani	334	2:20 to 3:10	
18/8/23	Pankaj Agarkar	334	3:10 to 4:00	
22/08/23	Priji Rathod	301	12:00 to 1:00	
22/08/23	Ashwini Pandagale	301	1:00 to 1:50	
23/08/23	Brajka Jadhav	328	2:20 to 3:10	
24/08/23	Swarupa Kamble	334	12:10 to 1:00	
25/08/23	Ishwar Bharambe	334	1:00 to 1:50	
28/08/23	Gauri Rasane	334	12:10 to 1:50	
28/08/23	Amruta Chitani	334	1:00 to 1:50	
28/08/23	Tushar Phadtare	338	2:20 to 4:00	
28/08/23	Ashlesha Adsul	321	2:20 to 3:10	
29/08/23	Ashwini Pandagale	<del>328</del> 321	3:10 to 4:00	
<del>30/08/23</del>				

Sep 2023 - 29

4/09/23	Ashwini Pandagale	<del>328</del> 328	3:10 to 4:00	S
14/09/23	Ishwar Bharambe	342	2:10 to 4:00	
18/09/23	Swarupa Kamble	327	2:20 to 3:10	
28/09/23	Priji Rathod	328	3:10 to 4:10	
08/10/23	Minal Toley	333	4:20 to 5:10	
11/09/23	Nilesh Pinjarkar	342	1:00 to 1:50	
11/09/23	Amruta Chitani	334	3:10 to 4:00	
11/09/23	Tushar Phadtare	334	5:10 to 6:00	
18/09/23	Ujjwala Patil	328	12:10 to 1:00	
18/09/23	Jayashree Waman	337	5:10 to 6:00	
19/09/23	Priji Rathod	328	1:00 to 1:50	
25/09/23				



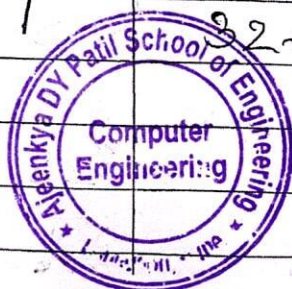
Oct 2023.

classmate  
Date \_\_\_\_\_  
Page \_\_\_\_\_

Date	Name of the staff	Room No.	Time	Sign
<del>27/9/23</del>				
26/09/23	Yashanjali Sisodia	330	2:20 to 4:00	<u>Yash</u>
02/10/23	Prihi Rathod	328	1:00 to 1:50	<u>Bethy</u>
03/10/23	Yashanjali Sisodia	330	4:20 to 5:10	<u>Yash</u>
4/10/23	Jayashree Waman	339	1:00 to 1:50	<u>Jay</u>
4/10/23	Tushar Phadtare	328	2:20 to 3:10	<u>Tushar</u>
09/10/23	Amruta Chitale	339	2:20 to 3:10	<u>Amruta</u>
10/10/23	Swarupa Kamble	339	12:10 to 1:00	<u>Swarupa</u>
11/10/23	Gauri Pasane	339	12:10 to 1:00	<u>Gauri</u>
12/10/23	Tushar Phadtare	338	2:20 to 3:10	<u>Tushar</u>
16/10/23	Ashwini Pandagale	321	3:10 to 4:00	<u>Ashwini</u>
17/10/23	Ashwini Pandagale	321	2:20 to 3:10	<u>Ashwini</u>
18/10/23	Ashlesha Adse	339	1:00 to 1:50	<u>Ashlesha</u>
19/10/23	Jayashree Waman	342	12:00 to 1:00	<u>Bethy</u>
23/10/23	Prihi Rathod	339	3:10 to 4:00	<u>Prihi</u>
3/10/23	Jayashree Waman	328	3:10 to 4:00	<u>Jay</u>
29/10/23	Renuka Gavali	328	3:10 to 4:00	<u>Renuka</u>
30/10/23	Pratikha Jadhav	328	2:20 to 3:10	<u>Pratikha</u>

NOV 2023.

6/11/23	Nilesh Pinjarkar	327	3:10 to 4:00	<u>Nilesh</u>
6/11/23	Suridha Sheha	339	4:20 to 5:10	<u>Suridha</u>
7/11/23	Gauri Pasane	339	12:10 to 1:00	<u>Gauri</u>
9/11/23	Tushar Phadtare	339	2:20 to 3:10	<u>Tushar</u>
20/11/23	Ashwini Pandagale	338	3:10 to 4:00	<u>Ashwini</u>
21/11/23	Yashanjali Sisodia	330	4:20 to 5:10	<u>Yash</u>
28/11/23	Jayashree Waman	339	5:10 to 6:00	<u>Jay</u>
26/11/23	Minal C. Toley	328	4:20 to 5:10	<u>Minal</u>
26/11/23	Swati Bagade	326	3:20 to 4:20	<u>Swati</u>



# SEM - II

S. No.

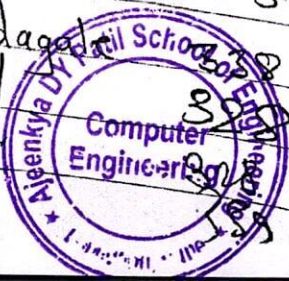
classmate  
Date \_\_\_\_\_  
Page \_\_\_\_\_

## January 2024

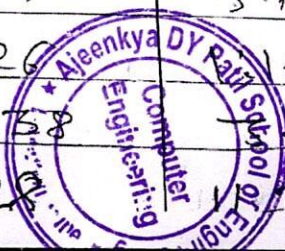
Date	Name of Staff	Room No	Time	Sign
18/1/24	Prof. Manisha Wasnik	328	11 to 12 pm	MW
23/1/24	Prof. Ashwini Pandagale	327	10 to 12 pm	P
24/1/24	Prof. Ujjala Patil	326	10 to 11	P
24/1/24	Prof. A.C. Adsul	328	10 to 11	P
24/01/24	Prof. Ashwini P.	326	1:45 - 2:45 pm	P
-/-	-/-	327	3 to 5 pm	P
25/01/24	Prof. Ashwini P.	326	10 to 12 pm	P

## Feb - 2024

5/2/24	Prof. Manisha Wasnik	326	10 to 11 pm	MW
5/2/24	Prof. Ashwini Pandagale	326	11 to 12 pm	P
5/2/24	Prof. Ashlesha Adsul	328	11 to 12 pm	P
5/2/24	Prof. Sujidha Shete	326	2 to 3	P
5/2/24	I N Bhoramb	327	12:45 to 1:45	P
5/2/24	Ashwini Pandagale	326	11 to 12 pm	P
6/2/24	Ashwini Pandagale	338	12:45 to 2:45	P
6/2/24	Ashlesha Adsul	338	10 to 12 pm	P
7/2/24	Ujjala Patil	328	3 to 4 pm	P
7/2/24	I N Bhoramb	326	10 to 11 pm	P
7/2/24	Ashlesha Adsul	327	10 to 12	P
7/2/24	Seema Dardare	328	10 to 11	P
07/02/24	Ashwini Pandagale	328	11 to 12	P
8/2/24	Ashlesha Adsul	328	3 to 5 pm	P
8/2/24	Phadfare Tushar	327	11 to 12	P
8/2/24	I N Bhoramb	326	12:45 to 1:45	P



Date	Name of Staff	Room No.	Time	Sign
3/2/24	I. N. B. Sharmb.	325	10 to 12	IB
3/2/24	Sangath - m.	326	11:12:30	Se
12/24	Ashwini Pandagale	338	10 to 12 pm	Se
12/24	Ashlesha Adsul	328	12:45 to 1:45	Bluf.
31/2/24	Seema Dazekar	328	3-4	Se
12/24	Ashwini Pandagale	338	3 to 5 pm	Se
12/24	Ashwini Pandagale	326	10 to 11 am	Se
2/2/24	I. N. B. Sharmb.	328	12:45 to 1:45 pm	IB
2/2/24	Suvidha	328	12:45 to 2 pm	Se
12/2/24	Seema Dazekar	328	3-5 pm	Se
3/2/24	Ashwini Pandagale	338	10-12 pm	Se
3/2/24	Suvidha Shaha	326	11-12 pm	Se
13/2/24	N.R. Pranjkar	328	10-11 am	Se
13/2/24	Manisha W	326	12:45-2:45	New
14/2/24	Seema Dazekar	328	11-12 pm	Se
14/2/24	Ashlesha Adsul	326	10 to 11	Bluf.
14/2/24	I. N. B. Sharmb.	327	10 to 12	IB
14/2/24	Ashwini Pandagale	338	3 to 5 pm	Se
15/2/24	Manisha Wainil	347	10 to 12	New
15/2/24	Pooja Mohbansi	328	10 to 11	Pms
15/2/24	Ashwini Pandagale	338	12:45 to 2:45	Se
20/2/24	Suvidha Shaha	328	11:00 to 12:00	Se
20/2/24	Manisha W	342	10 to 12	Se
21/2/24	Ujjala Patil	326	10 to 11	Se
21/2/24	Ashlesha Adsul	328	10 to 11	Bluf.
21/2/24	I. N. B. Sharmb.	327	10 to 12	IB
21/2/24	Seema Dazekar	328	11 to 12	Se
21/2/24	I. N. B. Sharmb.	325	3 to 5	IB
21/2/24	Ashwini Pandagale	326	1:45 to 2:45	Se
21/2/24	Ashwini Pandagale	338	3 to 5 pm	Se
22/2/24	Ashlesha Adsul	328	10 to 12 pm	Bluf.



Date.	Name of staff	Room No.	Time	Sign
22/2/2024	Sangeeta .m.	326	12:45 to 1:45	✓
22/2/24	Phadkar Tushar	328	12:45 to 1:45	✓
23/2/24	Ashwini Pandayale	338	10 to 12 pm	✓
23/2/24	I N Bhoramb	325	10 to 12	✓
23/2/24	Suvidha	326	11 to 12	✓
23/2/24	I N Bhoramb	328	12:45 to 1:45	✓
24/2/24	I N Bhoramb	328	12:45 to 1:45	✓
26/2/24	Sangeeta .m	326	12:45 to 1:45	✓
26/2/24	I N Bhoramb	325	12:45 to 1:45	✓
27/2/24	Manisha Wani	326	12:45 to 1:45	✓
28/2/24	Seema Dandekar	328	11-12	✓

4/3/24	Manisha Wani	326	10 to 11	✓
<del>5/3/24</del>	<del>Phadkar Tushar</del>	<del>328</del>	<del>10 to 11</del>	<del>✓</del>
5/3/24	Suvidha Shaha	328	10:30 to 11:30	✓
1/3/24	I N Bhoramb	327	10 to 12	✓
6/3/24	Ujala Patil	326	10 to 11	✓
10/3/24	I N Bhoramb	328	12:45 to 1:45	✓
11/3/24	Sangeeta .m	328	12:45 to 1:45	✓
11/3/24	Meha Sharma	326	3:00 to 4:00	✓
11/3/24	I N Bhoramb	328	10 to 11	✓
11/03/24	Pooja Mohbanshi	329	10:30 to 11:30 pm	✓
12/3/24	Ujala Patil	325	12:45 to 1:45	✓
13/3/24	Meha Sharma	326	12:45 to 1:45	✓
12/3/24	Ashwini Pandayale	326	11 to 2 pm	✓
13/3/24	Ashwini Pandayale	326	12:45 to 2:45 pm	✓
14/3/24	Ashwini Pandayale	326	10 to 11 am	✓
1/4/24	Suvidha Shaha	326	1:45 to 2:45	✓
1/4/24	I N Bhoramb	328	12:45 to 1:45	✓
1/4/24	Ashwini Pandayale	326	11 to 12 pm	✓
2/4/24	Ashwini Pandayale	326	10 to 12 pm	✓
2/4/24	0	0	0	0





3/4/24	Manisha Wani	328	
2/4/24	Vijaya Patil	326	
4/4/24	Ashwini Pandagale	12:45-2:45 338	
4/4/24	-/-	10-11 325	
5/4/24	Suvidha Dhale	11 to 12 326	
2/4/24	Neha Sharma	12:45 to 1:45 326	
16/4/24	Ashlesha Adsul	11 to 12 326	
16/4/24	Yashrajali Sisodia	3 to 5 312	
8/7/24	Vijaya Patil	12:45 to 1:45 325	



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Lohegaon, Pune