

		EEE Online Class 1st Sept to 30 Nov 2020		
Module	Topics[2Hr Each]	PPT	Video Links	E-Materials
18EE51 MODULE - 1	LECTURE 1: Management: Definition,	<a href="https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing</a>
	LECTURE 2: Importance – Nature and Characteristics of Management,			
	LECTURE 3:Management Functions, Roles of Manager, Levels of Management,			
	LECTURE 4 : Managerial Skills, Management & Administration,			
	LECTURE 5 : Management as a Science, Art &Profession. Planning: Nature, Importance and Purpose Of Planning,			
	LECTURE 6: Types of Plans, Steps in Planning, Limitations of Planning,			
	LECTURE 7 : Decision Making – Meaning, Types of Decisions- Steps in Decision Making. ■			
18EE51 MODULE - 2	LECTURE 1: Organizing and Staffing: Meaning, Nature and Characteristics of Organization	<a href="https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpIzpoVNH-h-wHoq7LR_6z_Ffhm3FTMK?usp=sharing</a>
	LECTURE 2: Process ofOrganization, Principles of Organization, Departmentalization, Committees – meaning, Types of Committees,			
	LECTURE 3:Centralization Versus Decentralization of Authority and Responsibility, Span of Control (Definition only), Nature			
	LECTURE 4 : and Importance of Staffing, Process of Selection and Recruitment.			
	LECTURE 5 :Directing and Controlling: Meaning and Nature of Directing-Leadership Styles, Motivation Theories			
	LECTURE 6: Types of Plans, Steps in Planning, Limitations of Planning,			
	LECTURE 7 : Communication – Meaning and Importance, Coordination- Meaning and Importance, LECTURE 7 :Techniques of Coordination. Controlling – Meaning, Steps in Controlling.			
18EE52	lec1:Microprocessor and Microcontrollers lec2: number system, a	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCgCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCgCRjXtr/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/125mPlxbCZEXsOoE2lwu1mo6VlhUW3C69/view?usp=sharing">https://drive.google.com/file/d/125mPlxbCZEXsOoE2lwu1mo6VlhUW3C69/view?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1_nzT4ax5QzzARD-CU5zftfrQKe4U7OF?usp=sharing">https://drive.google.com/drive/folders/1_nzT4ax5QzzARD-CU5zftfrQKe4U7OF?usp=sharing</a>

18EE53/Module-1/2	Lecture1: Applications of Power Electronics, Types of Power Elec	<a href="https://drive.google.com/file/d/1mVvnGVirkbw8BlSFHS5TZyNMqGeQ6DtG/view?usp=sharing">https://drive.google.com/file/d/1mVvnGVirkbw8BlSFHS5TZyNMqGeQ6DtG/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1PNyxHUM6YvpJcvcOpxNwtrPqKBfo2cJb/view?usp=sharing">https://drive.google.com/file/d/1PNyxHUM6YvpJcvcOpxNwtrPqKBfo2cJb/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/17mZZNQLdN5-L-sG7f-6n853NUZv3H_d/view?usp=sharing">https://drive.google.com/file/d/17mZZNQLdN5-L-sG7f-6n853NUZv3H_d/view?usp=sharing</a>
18EE53- Module-2	Lecture1: Power Transistors:Introduction, Lecture2: Power MOSFETs – Steady State Characteristics Lecture3: Switching Characteristics Lecture4: Bipolar Junction Transistors – Steady State Characteristics Lecture5: Switching Characteristics, Switching Limits, IGBTs, Lecture6: MOSFET Gate Drive, Lecture7: BJT Base Drive, Isolation of Gate and Base Drives, Lecture8: Pulse transformers and Opto-couplers	<a href="https://drive.google.com/file/d/1WwRGe0N1-bQT_imetL8ja9vw20yQ71V6/view?usp=sharing">https://drive.google.com/file/d/1WwRGe0N1-bQT_imetL8ja9vw20yQ71V6/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1-YO8WEJfX-zVr249mzLi_uDsM4K0fXbs/view?usp=sharing">https://drive.google.com/file/d/1-YO8WEJfX-zVr249mzLi_uDsM4K0fXbs/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1qwJ1pFfi4247XNBqYYK4J9UaTpOPHeaA/view?usp=sharing">https://drive.google.com/file/d/1qwJ1pFfi4247XNBqYYK4J9UaTpOPHeaA/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1FiZctcNWafu-D_cJ2BY3aRD1rSe3q82/view?usp=sharing">https://drive.google.com/file/d/1FiZctcNWafu-D_cJ2BY3aRD1rSe3q82/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1Wcp9G73Bo8gTQd1U7T5q0xX7UE2Yy1NV/view?usp=sharing">https://drive.google.com/file/d/1Wcp9G73Bo8gTQd1U7T5q0xX7UE2Yy1NV/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1XXf_otBo4tczMMVvYA2bJiT0ilQwNXieq/view?usp=sharing">https://drive.google.com/file/d/1XXf_otBo4tczMMVvYA2bJiT0ilQwNXieq/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1tAsB8L3qTAQ8TAoe7UmEXj9KyrDvqMvZ/view?usp=sharing">https://drive.google.com/file/d/1tAsB8L3qTAQ8TAoe7UmEXj9KyrDvqMvZ/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1a6sZci8bYwvoUUM2XgWYQetw9cectkVz/view?usp=sharing">https://drive.google.com/file/d/1a6sZci8bYwvoUUM2XgWYQetw9cectkVz/view?usp=sharing</a>
Module-3	Lecture-1: Thyristors- Introduction, structure, applicationsLecture	<a href="https://drive.google.com/file/d/18C4b-7UmOlwICXMeVezZiR9t8Ono-v/view?usp=sharing">https://drive.google.com/file/d/18C4b-7UmOlwICXMeVezZiR9t8Ono-v/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1VIFEyw3VEalHRMbC6d9XWiwWeDE_zFaV0/view?usp=sharing">https://drive.google.com/file/d/1VIFEyw3VEalHRMbC6d9XWiwWeDE_zFaV0/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1KqxCd_s5ROiFYSTBFIG_c7rfk5Av0aim/view?usp=sharing">https://drive.google.com/file/d/1KqxCd_s5ROiFYSTBFIG_c7rfk5Av0aim/view?usp=sharing</a>
18EE54/ Module 1	lec3:program status word, running an assembly program lec4: stack memory lec5: Addressing modes loop , jump instruction lec6: loop , jump instruction lec7: CALL instruction lec8: Programming examples	<a href="https://www.slideshare.net/Daph29/fundamentals-of-signals-and-systems-ganesh-rao-signals-and-systems">https://www.slideshare.net/Daph29/fundamentals-of-signals-and-systems-ganesh-rao-signals-and-systems</a>	<a href="https://www.youtube.com/watch?v=x5qRAihZRks">https://www.youtube.com/watch?v=x5qRAihZRks</a>	<a href="https://www.slideshare.net/Daph29/fundamentals-of-signals-and-systems-ganesh-rao-signals-and-systems">https://www.slideshare.net/Daph29/fundamentals-of-signals-and-systems-ganesh-rao-signals-and-systems</a>
	Lecture1: Consideration, factors & Limitation in design Lecture 2: Engineering materials, soft & hard magnets Lecture 3: Types of soft magnetic materials		<a href="https://drive.google.com/file/d/15SsiRX1vD_4FfkAeYzmexOLk9xaui00/view?usp=sharing">https://drive.google.com/file/d/15SsiRX1vD_4FfkAeYzmexOLk9xaui00/view?usp=sharing</a> <a href="https://drive.google.com/file/d/16ErliclITHb-Hhv6zuiy_3S8tC8KjF3/view?usp=sharing">https://drive.google.com/file/d/16ErliclITHb-Hhv6zuiy_3S8tC8KjF3/view?usp=sharing</a> <a href="https://youtu.be/JiM_19QH8J8">https://youtu.be/JiM_19QH8J8</a>	<a href="https://drive.google.com/file/d/1BB-aBniNGKi0-mARWpkKUHIVNhkRq0mF/view?usp=sharing">https://drive.google.com/file/d/1BB-aBniNGKi0-mARWpkKUHIVNhkRq0mF/view?usp=sharing</a> <a href="https://drive.google.com/file/d/1xRcNG4NpysmP-XXTF1tFQbxMMf8nUhwj/view?usp=sharing">https://drive.google.com/file/d/1xRcNG4NpysmP-XXTF1tFQbxMMf8nUhwj/view?usp=sharing</a>

	Lecture 4: Types of insulating material, properties	<a href="https://drive.google.com/file/d/11BNH3P_rtw2b5J3hSnWrND0yVH_xpYXKVbfa5uHxa5xMuS/view?usp=sharing">https://drive.google.com/file/d/11BNH3P_rtw2b5J3hSnWrND0yVH_xpYXKVbfa5uHxa5xMuS/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1jS-ZCv1H-yVH_xpYXKVbfa5uHxa5xMuS/view?usp=sharing">https://drive.google.com/file/d/1jS-ZCv1H-yVH_xpYXKVbfa5uHxa5xMuS/view?usp=sharing</a>	<a href="https://drive.google.com/file/d/1wKt8NNWfSn9sOQ7gHy_2eWxpzdusuPKQ/view?usp=sharing">https://drive.google.com/file/d/1wKt8NNWfSn9sOQ7gHy_2eWxpzdusuPKQ/view?usp=sharing</a>
	Lecture 5: Introduction , output equation of induction motor		<a href="https://youtu.be/AQgyGNOP_3o">https://youtu.be/AQgyGNOP_3o</a>	<a href="https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTYxODlyOTAvMzc1/details">https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTYxODlyOTAvMzc1/details</a>
	Lecture 6: Main dimensin			
	Lecture 7: Numericals			
	Lecture 8: Numericals			
	Lecture 9: Numericals			
	Lecture 10: Air gap Length			<a href="https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTUwMTkwNzU2MDI1/details">https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTUwMTkwNzU2MDI1/details</a>
	Lecture 11: Design of squirrel cage rotor			<a href="https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTUwNDg1OTk5NTIy/details">https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTUwNDg1OTk5NTIy/details</a>
	Lecture 12: Design of rotor slots			<a href="https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTg2NzUxODMzM0/details">https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTg2NzUxODMzM0/details</a>
	Lecture 13: numerical on squirrel cage rotor			
	Lecture 14: Slip ring rotor			<a href="https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTk3NDc4MDA1MTE4/details">https://classroom.google.com/c/MTQ4OTAxOTYzMDY2/p/MTk3NDc4MDA1MTE4/details</a>
	Lecture 15: Numericals on Design of slip ring I.M			
	Lecture 16: No Load current			
	Lecture 17: No load current			
	Lecture 18: leakage reactance	<a href="https://drive.google.com/file/d/1Hu6a4lL2qFjqZMSLPZnqtWS">https://drive.google.com/file/d/1Hu6a4lL2qFjqZMSLPZnqtWS</a>		
18EE55 Module 1 & 4	Lecture 19: Transformer			
	LECTURE 1: Conduction and Breakdown in Gases: Gases as Insulating Media, Collision Process, Ionization Processes, Townsend's Current Growth Equation, Current Growth in the Presence of Secondary Processes, Townsend's Criterion for Breakdown, Experimental Determination of Coefficients $\alpha$ and $\gamma$ , in Gases, Paschen's Law, Breakdown in Non-Uniform Fields and Breakdown in Liquid Dielectrics: Liquids as Insulators, Pure Intrinsic Breakdown, Electromechanical Breakdown,	<a href="https://drive.google.com/file/d/1Bv3neUVQXe2at-JymxZS">https://drive.google.com/file/d/1Bv3neUVQXe2at-JymxZS</a>	<a href="https://www.youtube.com/watch?v=flxo4HUvpJ0">https://www.youtube.com/watch?v=flxo4HUvpJ0</a> <a href="https://www.youtube.com/watch?v=QNaiPn8wPTE">https://www.youtube.com/watch?v=QNaiPn8wPTE</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m3.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m3.pdf</a>
	LECTURE 7 : Generation of High Direct Current Voltages		<a href="https://www.youtube.com/watch?v=X1fhD2tma70">https://www.youtube.com/watch?v=X1fhD2tma70</a>	
	LECTURE 8 Generation of High Alternating Voltages	<a href="https://drive.google.com/file/d/1lwvr8uDdgfqlv5agmK94GAT">https://drive.google.com/file/d/1lwvr8uDdgfqlv5agmK94GAT</a>	<a href="http://www.digimat.in/nptel/courses/video/108108099/L36.html">http://www.digimat.in/nptel/courses/video/108108099/L36.html</a>	
	LECTURE 9 Generation of Impulse Voltages,			
	LECTURE 10 :Tripping and Control of Impulse Generator			
	LECTURE 11 : Measurement of High Direct Current Voltagesdirect			
	LECTURE 12 :Measurement of High AC			
	LECTURE 13 :Measurement of High Impulse Voltages			
	LECTURE 14 :Measurement of High Currents direct			

	LECTURE 15 :Measurement of High Currents alternating			
	LECTURE 16 :Measurement of High Currents impulse			
18EE56/ Module 1 and 2	LECTURE 17 ; Cathode Ray Oscillographs for Impulse Voltage			
18CIV59- MODULE 1	LECTURE 1-ECOSYSTEMS	<a href="https://drive.google.com/file/d/1AHbFKS/view?usp=sharing">TDI6 vAHbFKS/view?usp=sharing</a>	-	<a href="#">Google Classroom ID: a36</a>
MODULE 1	LECTURE 2-BIODIVERSITY	-	<a href="https://youtu.be/_mgvsPnCYi4">https://youtu.be/_mgvsPnCYi4</a>	<a href="#">Google Classroom ID: a36</a>
MODULE 2	LECTURE 3- NATURAL RESOURCE MANAGEMENT	-	<a href="https://meet.google.com/fqz-zpmc-nud">meet.google.com/fqz-zpmc-nud</a>	<a href="#">Google Classroom ID: a36</a>
	Lecture 1: Introduction to Signals & System		<a href="https://youtu.be/mCW0ouFhaK4">https://youtu.be/mCW0ouFhaK4</a>	Google Classroom ID: kht662x
	Lecture 1: Defination of Signals & System			<a href="#">Google Classroom ID: kht662x</a>
	Lecture 3: Elementary signals	<a href="https://drive.google.com/file/d/2s08NiNh6/view?usp=sharing">2s08NiNh6/view?usp=sharing</a>		Google Classroom ID: kht662x
	Lecture 4: Problems on elementary signals			Google Classroom ID: kht662x
	Lecture 5: Problems n elementary signals	<a href="https://drive.google.com/file/d/77fP4b1jT/view?usp=sharing">77fP4b1jT/view?usp=sharing</a>		Google Classroom ID: kht662x
	Lecture 6: even and odd signals	<a href="https://drive.google.com/file/d/77fP4b1jT/view?usp=sharing">77fP4b1jT/view?usp=sharing</a>		Google Classroom ID: kht662x
	Lecture 7:Problems on even and odd signals			Google Classroom ID: kht662x
	Lecture 8 periodic and Aperiodic signals	<a href="https://drive.google.com/file/d/4AMaJZGFvTi0tMHpmRjQ/view?usp=sharing">4AMaJZGFvTi0tMHpmRjQ/view?usp=sharing</a>		Google Classroom ID: kht662x
	Lecture 10:Problems on perodic			Google Classroom ID: kht662x
	Lecture 11: Even & Odd Signal			Google Classroom ID: kht662x
	lecture 12: Problems			Google Classroom ID: kht662x
	lecture 13: energy signal			Google Classroom ID: kht662x
	Lecture 14: Power signal			Google Classroom ID: kht662x
	lecture 15: Problems			Google Classroom ID: kht662x
18EE54/ MOdule 1	lecture 16: properties of signals			Google Classroom ID: kht662x
	Lecture 1: introduction to Z tranform			Google Classroom ID: kht662x
	Lecture 2: Problems on ZT			Google Classroom ID: kht662x
	Lecture 3: inverse Z T			Google Classroom ID: kht662x
	Lecture 4:Problems on Inverse ZT			Google Classroom ID: kht662x
	Lecture 5: Properties of ROC			Google Classroom ID: kht662x
	Lecture 6: Properties of ZT			Google Classroom ID: kht662x
	Lecture 7: Problems on properties	<a href="https://drive.google.com/file/d/1ROVWVpmquwZPiWLkUM5P2fBFVDyuPDWS/view?usp=sharing">https://drive.google.com/file/d/1ROVWVpmquwZPiWLkUM5P2fBFVDyuPDWS/view?usp=sharing</a>		Google Classroom ID: kht662x
	Lecture 8: problems on properties			Google Classroom ID: kht662x
	LECTURE 9:UNILATERAL ZT			
18EE54/Module 5	LECTURE 10:sOLVING DIFFERENCE EQUATION			

1st December 2020 to 15 Jan 2021

<p><b>RESPONSIBILITIES OF BUSINESS ENTREPRENEURSHIP</b> : Social Responsibilities of Business: Meaning of Social Responsibility, Social Responsibilities of Business towards Different Groups, Social Audit, Business Ethics and Corporate Governance.</p>		
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18EE51	<p><b>WEEK 2(December 7 - 12) : MODULE - 3 -SOCIAL RESPONSIBILITIES OF BUSINESS ENTREPRENEURSHIP :</b>  Entrepreneurship:  Definition of Entrepreneur, Importance of Entrepreneurship, concepts of Entrepreneurship, Characteristics of successful Entrepreneur, Classification of Entrepreneurs, Intrapreneur – An Emerging Class, Comparison between Entrepreneur and Intrapreneur, Myths of Entrepreneurship, Entrepreneurial Development models, Entrepreneurial development cycle, Problems faced by Entrepreneurs and capacity building for Entrepreneurship.</p>	<a href="https://drive.google.com/drive/folders/1kpJzpoVNH-h-wHoc7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpJzpoVNH-h-wHoc7LR_6z_Ffhm3FTMK?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1kpJzpoVNH-h-wHoc7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpJzpoVNH-h-wHoc7LR_6z_Ffhm3FTMK?usp=sharing</a>	<a href="https://drive.google.com/drive/folders/1kpJzpoVNH-h-wHoc7LR_6z_Ffhm3FTMK?usp=sharing">https://drive.google.com/drive/folders/1kpJzpoVNH-h-wHoc7LR_6z_Ffhm3FTMK?usp=sharing</a>
	<p><b>WEEK 3(December 14 - 19) : MODULE -4 : MODERN SMALL BUSINESS ENTERPRISES</b>  : Role of Small Scale Industries, Concepts and definitions of SSI Enterprises, Government policy and development of the Small Scale sector in India, Growth and Performance of Small Scale Industries in India, Sickness in SSI sector, Problems for Small Scale Industries, Impact of Globalization on SSI, Impact of WTO/GATT on SSIs, Ancillary Industry and Tiny Industry (Definition only).</p>			
	<p><b>WEEK 4(December 21 - 26) :MODULE - 4 : Institutional Support for Business Enterprises:</b>  Introduction, Policies &amp; Schemes of Central–Level Institutions, State-Level Institutions.</p>			
	<p><b>WEEK 5(December 28 - January 2) : Project Management:</b>  Meaning of Project, Project Objectives &amp; Characteristics, Project Identification Meaning &amp; Importance; Project Life Cycle, Project Scheduling, Capital Budgeting, Generating an Investment Project Proposal, Project Report-Need and Significance of Report, Contents, Formulation, Project Analysis-Market, Technical, Financial, Economic, Ecological, Project Evaluation and Selection, Project Financing,</p>			
	<p><b>WEEK 1(January 4 - 9) : MODULE - 5 :</b> Project Implementation Phase, Human &amp; Administrative aspects of Project Management, Prerequisites for Successful Project Implementation. New Control Techniques- PERT and CPM,</p>			
	<p><b>WEEK 2(January 11 - 15) : MODULE - 5 :</b> Steps involved in developing the network, Uses and Limitations of PERT and CPM.</p>			

18EE53/Module-3	<p><b>Week 1:(December 1 - 5):</b> Module 3: A brief study on Thyristor Types, Series Operation of Thyristors, Parallel Operation of Thyristors, di/dtProtection, dv/dtProtection, DIACs, Thyristor Firing Circuits, Unijunction Transistor.</p>	<a href="https://drive.google.com/file/d/1M6_MX42S1Ptq8lxZLcz_b0SYWMgkqpxi/view?usp=sharing">https://drive.google.com/file/d/1M6_MX42S1Ptq8lxZLcz_b0SYWMgkqpxi/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=4JsR4xfIPa4">https://www.youtube.com/watch?v=4JsR4xfIPa4</a>	<a href="https://drive.google.com/file/d/1x44gRPnPpSwi5FEZ1Ho1laZnbGEFYKqOZ/view?usp=sharing">https://drive.google.com/file/d/1x44gRPnPpSwi5FEZ1Ho1laZnbGEFYKqOZ/view?usp=sharing</a>
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18EE53/Module-4	<b>Week 2: (December 7 - 12)</b> :Module-4Controlled Rectifiers: Introduction, Single phase half wave circuit with RL Load, Single phase half wave circuit with RL Load and Freewheeling Diode, Single phase half wave circuit with RLE Load,	<a href="https://drive.google.com/file/d/19YtVfyfUYYSK89YlqAIDHoj7wMbr8CX1o/view?usp=sharing">https://drive.google.com/file/d/19YtVfyfUYYSK89YlqAIDHoj7wMbr8CX1o/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=EpTKSp9611l">https://www.youtube.com/watch?v=EpTKSp9611l</a>	<a href="https://drive.google.com/file/d/1DyZOAME9PNHqUMqB7EQtm4Y2zAJk4Sa/view?usp=sharing">https://drive.google.com/file/d/1DyZOAME9PNHqUMqB7EQtm4Y2zAJk4Sa/view?usp=sharing</a>
	<b>week3:(December 14 - 19)</b> :Module-4: Single-Phase Full Converters with RLE Load, Single-Phase Dual Converters, Principle of operation of Three- Phase dual Converters. AC Voltage Controllers: Introduction, Principle of phase control & Integral cycle control, Single-Phase Full-Wave Controllers with Resistive Loads	<a href="https://drive.google.com/file/d/19YtVfyfUYYSK89YlqAIDHoj7wMbr8CX1o/view?usp=sharing">https://drive.google.com/file/d/19YtVfyfUYYSK89YlqAIDHoj7wMbr8CX1o/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=EpTKSp9611l">https://www.youtube.com/watch?v=EpTKSp9611l</a>	<a href="https://drive.google.com/file/d/1DyZOAME9PNHqUMqB7EQtm4Y2zAJk4Sa/view?usp=sharing">https://drive.google.com/file/d/1DyZOAME9PNHqUMqB7EQtm4Y2zAJk4Sa/view?usp=sharing</a>
18EE53/Module-5	<b>Week 4: Module 3(December 21 - 26)</b> : Module-5 DC-DC Converters: Introduction, principle of step down and step up chopper with RL load, performance parameters, DC-DC converter classification.	<a href="https://drive.google.com/file/d/10NBEYFo-n-rWwbqsurv6k">https://drive.google.com/file/d/10NBEYFo-n-rWwbqsurv6k</a>	<a href="https://www.youtube.com/watch?v=P0MK7sWfs9">https://www.youtube.com/watch?v=P0MK7sWfs9</a>	<a href="https://drive.google.com/file/d/1dSz79GDFIDFyEOJWfCvrv1fHiJ65mtiM/view?usp=sharing">https://drive.google.com/file/d/1dSz79GDFIDFyEOJWfCvrv1fHiJ65mtiM/view?usp=sharing</a>
	<b>Week 5: Module 3( January 4 - 9)</b> : Module-5- DC-AC Converters: Introduction, principle of operation single phase bridge inverters, three phase bridge inverters, voltage control of single phase inverters, Harmonic reductions, Current source inverters.	<a href="https://drive.google.com/file/d/13bFzenqHi1mcpre_1BSbs">https://drive.google.com/file/d/13bFzenqHi1mcpre_1BSbs</a>	<a href="https://www.youtube.com/watch?v=Dq5Aly0bY1A">https://www.youtube.com/watch?v=Dq5Aly0bY1A</a>	<a href="https://drive.google.com/file/d/1dSz79GDFIDFyEOJWfCvrv1fHiJ65mtiM/view?usp=sharing">https://drive.google.com/file/d/1dSz79GDFIDFyEOJWfCvrv1fHiJ65mtiM/view?usp=sharing</a>
	<b>Week 6: Module 4(January 11 - 15):</b> Problem solving	<a href="https://drive.google.com/file/d/13bFzenqHi1mcpre_1BSbs">https://drive.google.com/file/d/13bFzenqHi1mcpre_1BSbs</a>	<a href="https://www.youtube.com/watch?v=Dq5Aly0bY1A">https://www.youtube.com/watch?v=Dq5Aly0bY1A</a>	

18EE54/ MODULE 2	Week 1:(December 1 - 5): Module 2: time domain representation of LTI system, convolution sum, convolution integral.		<a href="https://www.youtube.com/watch?v=d7QDMwF4hb8">https://www.youtube.com/watch?v=d7QDMwF4hb8</a>	
	Week 2: (December 7 - 12) :Difference & Differential equation		<a href="https://www.youtube.com/watch?v=Y-h7qoTVQtw">https://www.youtube.com/watch?v=Y-h7qoTVQtw</a> <a href="https://www.youtube.com/watch?v=2CZJgeiMJQ4">https://www.youtube.com/watch?v=2CZJgeiMJQ4</a>	<a href="https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing">https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing</a>
18EE54/ MODULE 3	week3:(December 14 - 19) : Block diagram representation	<a href="https://drive.google.com/file/d/1BB0HIUIPKnzhhYDXaJTfT1KJR3xkVQ1v/view?usp=sharing">https://drive.google.com/file/d/1BB0HIUIPKnzhhYDXaJTfT1KJR3xkVQ1v/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=3GGT7AFXe1l">https://www.youtube.com/watch?v=3GGT7AFXe1l</a>	<a href="https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing">https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing</a>
18EE54/ MODULE 3	Week 4: Module 3(December 21 - 26) : CTFT , properties		<a href="https://www.youtube.com/watch?v=3GGT7AFXe1l">https://www.youtube.com/watch?v=3GGT7AFXe1l</a>	
18EE54/ MODULE 3	Week 5: Module 3( January 4 - 9): Solution of difference equation	<a href="https://slideplayer.com/slide/1506889/">https://slideplayer.com/slide/1506889/</a>	<a href="https://www.youtube.com/watch?v=3GGT7AFXe1l">https://www.youtube.com/watch?v=3GGT7AFXe1l</a>	<a href="https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing">https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing</a>
18EE54/ MODULE 4	Week 6: Module 4(January 11 - 15): DTFT , properties	<a href="https://www.slideshare.net/Daph29/discrete-time-fourier-t">https://www.slideshare.net/Daph29/discrete-time-fourier-t</a>	<a href="https://www.youtube.com/watch?v=IFWQ">https://www.youtube.com/watch?v=IFWQ</a> <a href="https://www.youtube.com/watch?v=q7aF-IFWQ">https://www.youtube.com/watch?v=q7aF-IFWQ</a>	<a href="https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing">https://drive.google.com/file/d/15iWa55vC1jae3BPJPDs90cla2ZjDSEnJ/view?usp=sharing</a>

	Week 1: (December 1 - 5)Design of core and shell type transformer, leakage reactance, no load current	<a href="https://drive.google.com/file/d/1_0RAQ98JRBQfgFPTrcSApfc35KkCb8GT/view?usp=sharing">https://drive.google.com/file/d/1_0RAQ98JRBQfgFPTrcSApfc35KkCb8GT/view?usp=sharing</a>	<a href="https://youtu.be/i1m2blc-LVl">https://youtu.be/i1m2blc-LVl</a>	<a href="https://drive.google.com/file/d/1li2luM1WcGnN1GRIT4tYDewnNXvpirt/view?usp=sharing">https://drive.google.com/file/d/1li2luM1WcGnN1GRIT4tYDewnNXvpirt/view?usp=sharing</a>
	Week 2: (December 7 - 12)Cooling of transformer	<a href="https://drive.google.com/file/d/1_0RAQ98JRBQfgFPTrcSApfc35KkCb8GT/view?usp=sharing">https://drive.google.com/file/d/1_0RAQ98JRBQfgFPTrcSApfc35KkCb8GT/view?usp=sharing</a>		<a href="https://drive.google.com/file/d/1li2luM1WcGnN1GRIT4tYDewnNXvpirt/view?usp=sharing">https://drive.google.com/file/d/1li2luM1WcGnN1GRIT4tYDewnNXvpirt/view?usp=sharing</a>
	week3:(December 14 - 19) Output equation , Main dimension, poles	<a href="https://drive.google.com/file/d/1pLmhqKzuNI1LNbdGL0r0BGPxqxyP_/view?usp=sharing">https://drive.google.com/file/d/1pLmhqKzuNI1LNbdGL0r0BGPxqxyP_/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=020AeaYRb24">https://www.youtube.com/watch?v=020AeaYRb24</a>	<a href="http://www.darshan.ac.in/Upload/DIET/Documents/EE/DDM">http://www.darshan.ac.in/Upload/DIET/Documents/EE/DDM</a>
	Week 4: Module 3(December 21 - 26)Design of field winding	<a href="https://drive.google.com/file/d/1pLmhqKzuNI1LNbdGL0r0BGPxqxyP_/view?usp=sharing">https://drive.google.com/file/d/1pLmhqKzuNI1LNbdGL0r0BGPxqxyP_/view?usp=sharing</a>		
	Week 5: Module 3( January 4 - 9):Output equation, SCR, poles	<a href="https://drive.google.com/file/d/1Cu8lim5Ybsh3yo12UxAfRASKNi7j5utn/view?usp=sharing">https://drive.google.com/file/d/1Cu8lim5Ybsh3yo12UxAfRASKNi7j5utn/view?usp=sharing</a>	<a href="https://www.youtube.com/watch?v=cVLLyZnxtE">https://www.youtube.com/watch?v=cVLLyZnxtE</a>	

18EE55	Week 6: Module 4(January 11 - 15)Design of field winding	<a href="https://drive.google.com/file/d/1Cu8lim5Ybsh3yo12UxAfRASKN7i75utn/view?usp=sharing">https://drive.google.com/file/d/1Cu8lim5Ybsh3yo12UxAfRASKN7i75utn/view?usp=sharing</a>	<a href="https://www.youtube.com/playlist?list=PLQTXurE24B800jvHOAxjwPVqn36-oFPS">https://www.youtube.com/playlist?list=PLQTXurE24B800jvHOAxjwPVqn36-oFPS</a>	
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18EE52	Week1: Module3: Dec1 to 7 :IO programming in 8051C, Lo	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing</a>	<a href="https://youtu.be/M0VljVAFMVE">https://youtu.be/M0VljVAFMVE</a>	<a href="https://drive.google.com/file/d/15yXhtYtkvgJ_X1aPlwZvJO3qfXTbFUuE/view?usp=sharing">https://drive.google.com/file/d/15yXhtYtkvgJ_X1aPlwZvJO3qfXTbFUuE/view?usp=sharing</a>
	Week2: Module3: Dec8 to 15:8051 Timer programming in A	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing</a>	<a href="https://youtu.be/dM2swlpGk0Y">https://youtu.be/dM2swlpGk0Y</a>	<a href="https://drive.google.com/file/d/15yXhtYtkvgJ_X1aPlwZvJO3qfXTbFUuE/view?usp=sharing">https://drive.google.com/file/d/15yXhtYtkvgJ_X1aPlwZvJO3qfXTbFUuE/view?usp=sharing</a>
	Week3: Module4: Dec16 to 23: Basics of serial communicati	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing</a>	<a href="https://youtu.be/8zOOi6gtWkY">https://youtu.be/8zOOi6gtWkY</a>	<a href="https://drive.google.com/file/d/1uLBNZabxO7AjAwMoBlekL5KtN6XrcMzq/view?usp=sharing">https://drive.google.com/file/d/1uLBNZabxO7AjAwMoBlekL5KtN6XrcMzq/view?usp=sharing</a>
	Week4: Module4: Dec24 to Jan 1: 8051 Interrupt programming in assem	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing</a>	<a href="https://youtu.be/DPsiTe0KAlI">https://youtu.be/DPsiTe0KAlI</a>	<a href="https://drive.google.com/file/d/1uLBNZabxO7AjAwMoBlekL5KtN6XrcMzq/view?usp=sharing">https://drive.google.com/file/d/1uLBNZabxO7AjAwMoBlekL5KtN6XrcMzq/view?usp=sharing</a>
	Week5: Module5: jan2 to Jan 9: nterfacing: LCD interfacing, Keyb	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing</a>	<a href="https://youtu.be/y8eGOM4TP6w">https://youtu.be/y8eGOM4TP6w</a>	<a href="https://drive.google.com/file/d/1FH9vIQVdGANA55UPMn9AnghTrHDaW70U/view?usp=shari">https://drive.google.com/file/d/1FH9vIQVdGANA55UPMn9AnghTrHDaW70U/view?usp=shari</a>
	Week6: Module5: jan10 to Jan 15:elay, PWM, DC and stepper mo	<a href="https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing">https://drive.google.com/file/d/1SiNzj5t_i8shGPDvMokS9RIDCqCRjXtr/view?usp=sharing</a>	<a href="https://youtu.be/_sunrVxDQgs">https://youtu.be/_sunrVxDQgs</a>	<a href="https://drive.google.com/file/d/1FH9vIQVdGANA55UPMn9AnghTrHDaW70U/view?usp=shari">https://drive.google.com/file/d/1FH9vIQVdGANA55UPMn9AnghTrHDaW70U/view?usp=shari</a>
15EE56/module 3	Week 1: (Dec1 - Dec7):National Causes for Overvoltages - Lightr	<a href="https://slideplayer.com/slide/4881706/">https://slideplayer.com/slide/4881706/</a>	<a href="https://www.youtube.com/watch?v=JlbfKLf0Ywc">https://www.youtube.com/watch?v=JlbfKLf0Ywc</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m3.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m3.pdf</a>
15EE56/module 4	Week 2: (Dec8-Dec 14)National Causes for Overvoltages - Lightr	<a href="https://slideplayer.com/slide/4881706/">https://slideplayer.com/slide/4881706/</a>	<a href="https://www.youtube.com/watch?v=8v2ERAYZADY">https://www.youtube.com/watch?v=8v2ERAYZADY</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m3.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m3.pdf</a>
15EE56/module 4	Week 3: (Dec 14-Dec 19)Overvoltage due to Switching Surges, S	<a href="https://slideplayer.com/slide/4881706/">https://slideplayer.com/slide/4881706/</a>	<a href="https://www.youtube.com/watch?v=qa8moSqeO34">https://www.youtube.com/watch?v=qa8moSqeO34</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m4.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m4.pdf</a>
15EE56/module 4	Week 4: (Dec 21- 26)Other Abnormal, Principles of Insulation Coordination on High Voltage and Extra High Voltage Power Systems.	<a href="https://www.bharathuniv.ac.in/colleges1/downloads/courseware_eee/Notes/CE1/BEE013%20HVE%20NOTES.pdf">https://www.bharathuniv.ac.in/colleges1/downloads/courseware_eee/Notes/CE1/BEE013%20HVE%20NOTES.pdf</a>	<a href="https://www.youtube.com/watch?v=cA6xbl4JGLA">https://www.youtube.com/watch?v=cA6xbl4JGLA</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m4.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m4.pdf</a>
15EE56/module 5	Week 5: Dec 27- Jan 5)Introduction, Measurement of Dielectric Constant	<a href="https://www.bharathuniv.ac.in/colleges1/downloads/courseware_eee/Notes/CE1/BEE013%20HVE%20NOTES.pdf">https://www.bharathuniv.ac.in/colleges1/downloads/courseware_eee/Notes/CE1/BEE013%20HVE%20NOTES.pdf</a>	<a href="https://www.youtube.com/watch?v=gNjD3LlMwBw">https://www.youtube.com/watch?v=gNjD3LlMwBw</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m5.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m5.pdf</a>
15EE56/module 5	Week 6: ( Jan 6- Jan 15) Loss Factor, Partial Discharge Measurements.	<a href="http://www.faadooengineers.com/online-study/post/eee/high-voltage-engineering/129/measurement-of-dielectric-constant-and-loss-factor">http://www.faadooengineers.com/online-study/post/eee/high-voltage-engineering/129/measurement-of-dielectric-constant-and-loss-factor</a>	<a href="https://www.youtube.com/watch?v=6lbwl4PsiBs">https://www.youtube.com/watch?v=6lbwl4PsiBs</a>	<a href="http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m5.pdf">http://www.vtuupdates.in/wp-content/uploads/eee/7th-sem/15ee73/m5.pdf</a>









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