



# BACHELOR OF ENGINEERING - VIDEO LECTURES



Compiled by  
Government Engineering Colleges

Affiliated to Anna University, Chennai

Bodinayakkanur - Theni, Srirangam - Trichy, Dharmapuri, Tirunelveli, Sengipatti - Tanjore, Vellore

Under the guidance of

**Shri. K. VIVEKANANDAN, I.A.S**

**Commissioner of Technical Education**

DIRECTORATE OF TECHNICAL EDUCATION

GUINDY, CHENNAI - 600025



## **Directorate of Technical Education Tamil Nadu**

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**ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES – REGULATION 2017**

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## Electrical and Electronics Engineering

### Video Lectures

#### Subjects

#### II Year III Sem EEE

1. EE8351 Digital Logic Circuits
2. EE8391 Electromagnetic Theory
3. EE8301 Electrical Machines – I
4. EC8353 Electron Devices and Circuits
5. ME8792 Power Plant Engineering

#### III Year V Sem EEE

1. EE8501 Power System Analysis
2. EE8551 Microprocessors and Microcontrollers
3. EE8552 Power Electronics
4. EE8591 Digital Signal Processing
5. OMD551 Basics of Biomedical Instrumentation
6. Sensors and Transducers




#### IV Year VII Sem EEE





1. EE8701 High Voltage Engineering
2. EE8702 Power System Operation and Control
3. EE8703 Renewable Energy Systems
4. GE8074 Human Rights
5. EE8010 Power Systems Transients
6. EE8009 Control of Electrical Drives




#### Other department subjects





1. EE8353 Electric Drives and Control
2. OE0551 Renewable Energy Sources

**DEPARTMENT OF TECHNICAL EDUCATION**  
**VIDEO LECTURE DETAILS**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**





S. No.	Year/ Dept.	Subject code	Subject	Unit I	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
1.	II/EEE	ME8792	Power Plant Engineering	UNIT- 1 COAL BASED THERMAL POWER PLANTS	Layout of modern coal power plant	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in, 9994174290. GCE, SRIRANGAM	<a href="https://drive.google.com/file/d/1gVu-Bmjl4mOy-pxVEMD0jBTkTqWdi3FM/view?usp=sharing">https://drive.google.com/file/d/1gVu-Bmjl4mOy-pxVEMD0jBTkTqWdi3FM/view?usp=sharing</a>	
2.	II/EEE	ME8792	Power Plant Engineering	UNIT- 1 COAL BASED THERMAL POWER PLANTS	Subsystems of thermal power plants, Fuel and Ash handling	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in, 9994174290. GCE, SRIRANGAM	<a href="https://drive.google.com/file/d/14FLXdLcRIHsmHNltT3ZFyGITmMV2aTYp/view?usp=sharing">https://drive.google.com/file/d/14FLXdLcRIHsmHNltT3ZFyGITmMV2aTYp/view?usp=sharing</a>	
3.	II/EEE	ME8792	Power Plant Engineering	UNIT- 1 COAL BASED THERMAL POWER PLANTS	Draught system and feed water treatment	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in, 9994174290. GCE, SRIRANGAM	<a href="https://drive.google.com/file/d/1O4GCZ0zQFCNLZO7vNdbzl6WBbPi5fUYt/view?usp=sharing">https://drive.google.com/file/d/1O4GCZ0zQFCNLZO7vNdbzl6WBbPi5fUYt/view?usp=sharing</a>	





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4.	II/EEE	ME8792	Power Plant Engineering	UNIT- 1 COAL BASED THERMAL POWER PLANTS	Boilers and its classification - Super Critical boilers and FBC boilers	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in, 9994174290. GCE, SRIRANGAM	<a href="https://drive.google.com/file/d/1BH2ee7yqZ5icTesuRN7q4LoYaPbPDUN/view?usp=sharing">https://drive.google.com/file/d/1BH2ee7yqZ5icTesuRN7q4LoYaPbPDUN/view?usp=sharing</a>	
5.	II/EEE	EE8301	Electrical Machines -1	Magnetic Circuits And Magnetic Materials	1. Basics of Magnetic Circuit, Properties of magnetic materials	R.Ramamoorthi/ AP, GCE DHARMAPURI	<a href="https://youtu.be/zkCLEx459aU">https://youtu.be/zkCLEx459aU</a>	
6.	II/EEE	EE8301	Electrical Machines -1	Magnetic Circuits And Magnetic Materials	2 Comparison of Electrical and Magnetic	R.Ramamoorthi/ AP, GCE DHARMAPURI	<a href="https://www.youtube.com/watch?v=MhL31QpCQNs&amp;feature=youtu.be">https://www.youtube.com/watch?v=MhL31QpCQNs&amp;feature=youtu.be</a>	
7.	II/EEE	EE8301	Electrical Machines -1	Magnetic Circuits And Magnetic Materials	3. Laws related to Magnetic circuits and Hysteresis and Eddy current loss	R.Ramamoorthi/ AP, GCE DHARMAPURI	<a href="https://www.youtube.com/watch?v=0qBZZDmturs">https://www.youtube.com/watch?v=0qBZZDmturs</a>	




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8.	II/EEE	EE8301	Electrical Machines -1	Magnetic Circuits And Magnetic Materials	4. Introduction to Transformer	S.Nirmalkumar/ AP, GCE DHARMAPURI	<a href="https://www.youtube.com/watch?v=VU7ptYdrzeA&amp;feature=youtu.be">https://www.youtube.com/watch?v=VU7ptYdrzeA&amp;feature=youtu.be</a>	
9.	II Year / EEE	EC8353	Electron Devices and Circuits	Unit I	Introduction to Semiconductor	Mr.R.Vinoth Kannan, AP / EEE, Government College of Engineering, Bodinayakknaur, vinoth.gce.bodi@gmail.com, PH:9443567395	<a href="https://drive.google.com/file/d/18kmoQctIiahXX_7b8Hd3Oe1nb8f9-Zhc/view?usp=sharing">https://drive.google.com/file/d/18kmoQctIiahXX_7b8Hd3Oe1nb8f9-Zhc/view?usp=sharing</a>	
	II Year / EEE	EC8353	Electron Devices and Circuits	Unit I	PN Junction Diode	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/16WPNyJVLpVx0_59P1VTaxXGLqCijebu/view?usp=sharing">https://drive.google.com/file/d/16WPNyJVLpVx0_59P1VTaxXGLqCijebu/view?usp=sharing</a>	 SCAN ME





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	II Year / EEE	EC8353	Electron Devices and Circuits	Unit I	Rectifier	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@g mail.com PH: 7010289643	<a href="https://drive.google.com/file/d/10OHUpVXaN-L5R3reiQdSxqfYCPV6rxg2/view?usp=sharing">https://drive.google.com/file/d/10OHUpVXaN-L5R3reiQdSxqfYCPV6rxg2/view?usp=sharing</a>	 SCAN ME
10.	II/EEE	EE8391	Electromagnetic Theory	Unit I	Sources of EMF-Vector Algebra	Dr.A.Thangaraj, AP/EEE, amuthangam@gmail.co m,9489940850, GCE, TIRUNELVELI	<a href="https://drive.google.com/file/d/10OHUpVXaN-L5R3reiQdSxqfYCPV6rxg2/view?usp=sharing">https://drive.google.com/file/d/10OHUpVXaN-L5R3reiQdSxqfYCPV6rxg2/view?usp=sharing</a>	 SCAN ME
11.	II/EEE	EE8391	Electromagnetic Theory	Unit I	Coordinate Systems	Dr.A.Thangaraj, AP/EEE, amuthangam@gmail.co m,9489940850, GCE, TIRUNELVELI	<a href="https://www.youtube.com/watch?v=C6W42dmoh0A">https://www.youtube.com/watch?v=C6W42dmoh0A</a>	
12.	II/EEE	EE8391	Electromagnetic Theory	Unit I	Vectror fields- Gradient, Divergence Curl	Dr.A.Thangaraj, AP/EEE, amuthangam@gmail.co m,9489940850, GCE, TIRUNELVELI	<a href="https://www.youtube.com/watch?v=2T7m-f4gL4s">https://www.youtube.com/watch?v=2T7m-f4gL4s</a>	











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13.	II/EEE	EE8391	Electromagnetic Theory	Unit I	Couloms's Law- Electric Field Density	Dr.A.Thangaraj, AP/EEE, amuthangam@gmail.com, 9489940850, GCE, TIRUNELVELI	<a href="https://www.youtube.com/watch?v=oCi7CGJDst8">https://www.youtube.com/watch?v=oCi7CGJDst8</a>	
14.	II/EEE	EE8391	Electromagnetic Theory	Unit I	Gauss's Law and its applications	Dr.A.Thangaraj, AP/EEE, amuthangam@gmail.com, 9489940850, GCE, TIRUNELVELI	<a href="https://www.youtube.com/watch?v=9DYCBs8h_8w">https://www.youtube.com/watch?v=9DYCBs8h_8w</a>	
15.	III / EEE	EE 8501	Power System Analysis	Power System	Need for system planning and operational studies - Power scenario in India - Power system Components, SLD	R.Sudha, TPGIT, VELLORE AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/Ld_5VY1qHOW">https://youtu.be/Ld_5VY1qHOW</a>	
16.	III / EEE	EE 8501	Power System Analysis	Power System	per unit quantities p.u. impedance and PU Reactance Diagram	R.Sudha, TPGIT, VELLORE AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/bQKVHXgulUk">https://youtu.be/bQKVHXgulUk</a>	





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17.	III / EEE	EE 8501	Power System Analysis	Power System	Network graph, Primitive parameters, Y bus formation	R.Sudha, TPGIT, VELLORE AP/ EEE gosudha@gmail.co m 9486135780	<a href="https://youtu.be/KtKPWaC9uMI">https://youtu.be/ KtKPWaC9uMI</a>	
18.	III / EEE	EE 8552	Power Electronics	Power Semi Conductor Devices	1.SCR Characteristics	TPGIT, VELLORE P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/PebkeabyX_E">https://youtu.be/ PebkeabyX_E</a>	
19.	III / EEE	EE 8552	Power Electronics	Power Semi Conductor Devices	2.Triac Characteristics	TPGIT, VELLORE P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/QFfBZWeaUy0">https://youtu.be/ QFfBZWeaUy0</a>	
20.	III / EEE	EE 8552	Power Electronics	Power Semi Conductor Devices	3.Snubber circuit	TPGIT, VELLORE P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/ByzmP1VjGOW">https://youtu.be/ ByzmP1VjGOW</a>	





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21.	III/EEE	OMD55 1	Basics of Biomedical Instrumentations	Biopotential generation and Electrodes types	Introduction to Biopotential and sources of Biopotential	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010, GCE TIRUNELVELI	<a href="https://drive.google.com/file/d/1Arz8PEQf9II8xWBTcyeZt0v0iT2VqI87/view?usp=drivesdk">https://drive.google.com/file/d/1Arz8PEQf9II8xWBTcyeZt0v0iT2VqI87/view?usp=drivesdk</a>	
22.	III/EEE	OMD55 1	Basics of Biomedical Instrumentations	Biopotential generation and Electrodes types	Types of Electrodes, Surface Electrode	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010, GCE TIRUNELVELI	<a href="https://drive.google.com/file/d/1As7p7BVyVC-YrPOOwLGdRA021Tzfc-Qy/view?usp=drivesdk">https://drive.google.com/file/d/1As7p7BVyVC-YrPOOwLGdRA021Tzfc-Qy/view?usp=drivesdk</a>	
23.	III/EEE	OMD55 1	Basics of Biomedical Instrumentations	Biopotential generation and Electrodes types	Needle Electrode, Measurement of Biopotential using two Electrodes	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010, GCE TIRUNELVELI	<a href="https://drive.google.com/file/d/1At370H6hBO-vtH7lskbFo2mWwPcxyoa4/view?usp=drivesdk">https://drive.google.com/file/d/1At370H6hBO-vtH7lskbFo2mWwPcxyoa4/view?usp=drivesdk</a>	

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24.	III/ EEE	EE8591	Digital Signal processing	INTRODUCTION	Introduction to Signals and Systems, mathematical representations, Classifications of Signals, Energy and Power signals	Dr. J. SUGANTHI Professor (CAS) Department of EEE, Government College of Engineering, Tirunelveli- 7 suganthi@gcetly.ac.in 9842180770	<a href="https://youtu.be/YuuZ6flpwHA">https://youtu.be/YuuZ6flpwHA</a>	
25.	IV/EEE	GE8074	HUMAN RIGHTS	UNIT-1	HUMAN RIGHTS	Dr.T.A.RAMESHKU MAR/ASS PROFESSOR/tarpa gutharivu@gmail.co m/9486432445, GCE SRIRANGAM	<a href="https://drive.google.com/drive/folders/1KnKV Rt0 LpnodW6F DtjOVfnXtK9jv YeJ?usp=sharing">https://drive.google.com/drive/folders/1KnKV Rt0 LpnodW6F DtjOVfnXtK9jv YeJ?usp=sharing</a>	
26.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	Introduction and lossless system	K.Rajaraman/TF/em ail2krr@gmail.com/8 825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1uthYTTJW5l2sYcAC60OmfuqQwKPrsM4q/view?usp=drivesdk">https://drive.google.com/file/d/1uthYTTJW5l2sYcAC60OmfuqQwKPrsM4q/view?usp=drivesdk</a>	
27.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	Transfer function of Armature controlled machine	K.Rajaraman/TF/em ail2krr@gmail.com/8 825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1czQbZul2Wk5U3Fn5KssaQsjPpGrKRrgV/view?usp=drivesdk">https://drive.google.com/file/d/1czQbZul2Wk5U3Fn5KssaQsjPpGrKRrgV/view?usp=drivesdk</a>	





S. No.	Year/ Dept.	Subject code	Subject	Unit I	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
28.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	Transfer Function of Field controlled and Constant torque/power	K.Rajaraman/TF/em ail2krr@gmail.com/8 825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1L nkIQhJM2XnvA 7pGOG- OoL3a_FLGuB w1/view?usp=dr ivesdk">https://drive.google.com/file/d/1L nkIQhJM2XnvA 7pGOG- OoL3a_FLGuB w1/view?usp=dr ivesdk</a>	
29.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	Closed loop single quadrant speed control	K.Rajaraman/TF/em ail2krr@gmail.com/8 825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1y c2ulvpwB6zcr1 HYZV3IILzBN9 PZ0IZO/view?u sp=drivesdk">https://drive.google.com/file/d/1y c2ulvpwB6zcr1 HYZV3IILzBN9 PZ0IZO/view?u sp=drivesdk</a>	
30.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	closed loop multi quadrant speed control	K.Rajaraman/TF/em ail2krr@gmail.com/8 825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/10 O5Jq8oJPFq35 0a8IFTmtTrvOV X- d3g0/view?usp= drivesdk">https://drive.google.com/file/d/10 O5Jq8oJPFq35 0a8IFTmtTrvOV X- d3g0/view?usp= drivesdk</a>	
31.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	P/PI/PID controller comparision	K.Rajaraman/TF/em ail2krr@gmail.com/8 825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1Xg0i ZxFVVxE78K- ldnP G3ssNyaKT4 8J9/view?usp=dri vesdk">https://drive.google.com/file/d/1Xg0i ZxFVVxE78K- ldnP G3ssNyaKT4 8J9/view?usp=dri vesdk</a>	







S. No.	Year/ Dept.	Subject code	Subject	Unit I	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
32.	IV/EEE	EE8009	Control of Electrical drives	Unit 1	Transfer Function of P/PI speed controller	K.Rajaraman/TF/email2krr@gmail.com/8825888850, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1lXvwPxXHziIhnM7il0VjkWsFuPRkkZ/view?usp=drivesdk">https://drive.google.com/file/d/1lXvwPxXHziIhnM7il0VjkWsFuPRkkZ/view?usp=drivesdk</a>	
33.	IV/EEE	EE8702	Power System Operation and Control	Unit 1 - Preliminaries on power system operation and control	Introduction, control centre, state, regional and national grids and it's functions	V. Logeshwari, AP/EEE, logulagam@gmail.com/8778727201, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1p-xD-l18wCu-R6cW5l3CZr61lBu1QyPQ/view?usp=drivesdk">https://drive.google.com/file/d/1p-xD-l18wCu-R6cW5l3CZr61lBu1QyPQ/view?usp=drivesdk</a>	
34.	IV/EEE	EE8702	Power System Operation and Control	Unit 1 - Preliminaries on power system operation and control	requirements of good power system, necessity of v and f regulations, basic control loops	V. Logeshwari, AP/EEE, logulagam@gmail.com/8778727201, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1OFjaiYWd5C_znZKvH7-nNeJPjbVCJ6WY/view?usp=drivesdk">https://drive.google.com/file/d/1OFjaiYWd5C_znZKvH7-nNeJPjbVCJ6WY/view?usp=drivesdk</a>	
35.	IV/EEE	EE8702	Power System Operation and Control	Unit 1 - Preliminaries on power system operation and control	pf and qv control loops	V. Logeshwari, AP/EEE, logulagam@gmail.com/8778727201, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1pRvECApkleis_zWovU-GqMLJpSyhrkdL/view?usp=drivesdk">https://drive.google.com/file/d/1pRvECApkleis_zWovU-GqMLJpSyhrkdL/view?usp=drivesdk</a>	


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36.	IV/EEE	EE8702	Power System Operation and Control	Unit 1 - Preliminaries on power system operation and control	system load variations, load curve, load forecasting	V. Logeshwari, AP/EEE, logulagam@gmail.com/8778727201, GCE SRIRANGAM	<a href="https://drive.google.com/file/d/1kA6CGbz3a1kTsTt78blyCGokfpKATZfG/view?usp=drivesdk">https://drive.google.com/file/d/1kA6CGbz3a1kTsTt78blyCGokfpKATZfG/view?usp=drivesdk</a>	
37.	IV/EEE	EE8702	Power System Operation and Control	Unit 1 - Preliminaries on power system operation and control	Speed governing mechanism- its basics and mathematical model	V. Logeshwari, AP/EEE, logulagam@gmail.com/8778727201	<a href="https://drive.google.com/file/d/1qUsDBsRq2tl2RYA4F3ycbqkw21ayFU4Y/view?usp=drivesdk">https://drive.google.com/file/d/1qUsDBsRq2tl2RYA4F3ycbqkw21ayFU4Y/view?usp=drivesdk</a>	
38.	IV/EEE	EE87011	High Voltage Engineering	Over Voltages In Over Voltages In Electrical Power Systems	Over Voltages In Over Voltages In Electrical Power Systems	Dr. V.P.Sakthivel /AP, GCE DHARMAPURI	<a href="https://www.youtube.com/watch?v=vHH765GNdCo&amp;t=1731s">https://www.youtube.com/watch?v=vHH765GNdCo&amp;t=1731s</a>	
39.	IV/EEE	EE8703	Renewable Energy systems	UNIT-1	Environmental consequences of fossil fuel use	N.V.Uma Maheswari, AP/EEE, nvumaeeee@gmail.com,9786002634, GCE BODI	<a href="https://drive.google.com/file/d/1YEm-2mG9IXCt_WXVveisQij3ZJ3QP8HE/view?usp=sharing">https://drive.google.com/file/d/1YEm-2mG9IXCt_WXVveisQij3ZJ3QP8HE/view?usp=sharing</a>	

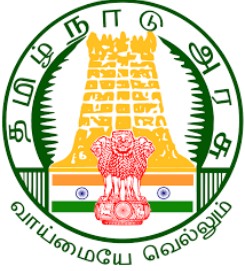
S. No.	Year/ Dept.	Subject code	Subject	Unit I	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
40.	IV/EEE	EE8703	Renewable Energy systems	UNIT-1	Limitations of RE sources	N.V.Uma Maheswari, AP/EEE, nvumaeeee@gmail.com, 9786002634, GCE BODI	<a href="https://drive.google.com/file/d/1d pbcVjqRULPEtj_hq-qAw0HNVwpHa a39i/view?usp=sharing">https://drive.google.com/file/d/1d pbcVjqRULPEtj_hq-qAw0HNVwpHa a39i/view?usp=sharing</a>	
41.	IV / EEE	EE8010	Power System Transients	INTRODUCTION AND SURVEY	Review and importance of the study of Transients	GCE TIRUNELVELI, M.Balasubramanian, Assistant Professor/EEE, balasubramaniangce tly@gmail.com, 9976642967	<a href="https://youtu.be/0KXqG0bCMVE">https://youtu.be/0KXqG0bCMVE</a>	
42.	IV / EEE	EE8010	Power System Transients	INTRODUCTION AND SURVEY	Causes / Sources of transients (or) Surges	GCE TIRUNELVELI, M.Balasubramanian, Assistant Professor/EEE, balasubramaniangce tly@gmail.com, 9976642967	<a href="https://youtu.be/BQGgLvhyI5w">https://youtu.be/BQGgLvhyI5w</a>	
43.	IV / EEE	EE8010	Power System Transients	INTRODUCTION AND SURVEY	Types of Power System Transients	GCE TIRUNELVELI, M.Balasubramanian, Assistant Professor/EEE, balasubramaniangce tly@gmail.com, 9976642967	<a href="https://youtu.be/geMk8_qzImY">https://youtu.be/geMk8_qzImY</a>	



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44.	IV / EEE	EE8010	Power System Transients	INTRODUCTION AND SURVEY	RL circuit Transient with Sine wave excitation	GCE TIRUNELVELI, M.Balasubramanian, Assistant Professor/EEE, balasubramaniangce tly@gmail.com, 9976642967	<a href="https://youtu.be/K1AAdZJYpzQ">https://youtu.be/K1AAdZJYpzQ</a>	
45.	IV / EEE	EE8010	Power System Transients	INTRODUCTION AND SURVEY	Double Frequency Transients	GCE TIRUNELVELI, M.Balasubramanian, Assistant Professor/EEE, balasubramaniangce tly@gmail.com, 9976642967	<a href="https://youtu.be/wwOBQDGIH6k">https://youtu.be/wwOBQDGIH6k</a>	
46.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Role and potential of new and renewable source	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/5aYNod_2aAU">https://youtu.be/5aYNod_2aAU</a>	
47.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	The solar energy option	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/3Cok002tzhQ">https://youtu.be/3Cok002tzhQ</a>	

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48.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Environmental impact of solar power	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/SSrkluzdZws">https://youtu.be/SSrkluzdZws</a>	
49.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Physics of the sun	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/ZK9cbyrZCe4">https://youtu.be/ZK9cbyrZCe4</a>	
50.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	The solar constant	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/ZrMZ5Pqb2pw">https://youtu.be/ZrMZ5Pqb2pw</a>	
51.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Extraterrestrial and terrestrial solar radiation	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/enITk-tNGyU">https://youtu.be/enITk-tNGyU</a>	
52.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Solar radiation on titled surface	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/qUumE6PfVE4">https://youtu.be/qUumE6PfVE4</a>	
53.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Solar radiation data	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/8SPwlnCQEn0">https://youtu.be/8SPwlnCQEn0</a>	

S. No.	Year/ Dept.	Subject code	Subject	Unit I	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
54.	III/ ECE	OEO551	Renewable Energy Sources	Principles of Solar Radiation	Instruments for measuring solar radiation and sun shine	Dr.S.Seenivasan/ AP, GCE DHARMAPURI	<a href="https://youtu.be/UywHBw9fAD0">https://youtu.be/ UywHBw9fAD0</a>	



## **Directorate of Technical Education Tamil Nadu**






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**ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES – REGULATION 2017**

# Unit – II







**DEPARTMENT OF TECHNICAL EDUCATION**  
**VIDEO LECTURE DETAILS**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**







S.No.	Year/ Dept.	Subject code	Subject	Unit II	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
55.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	Introduction to Boolean Algebra	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmai l.com, 9047297197	<a href="https://drive.google.com/file/d/1fvljeaKOfDZxwAOP_mEXs8dDE8qrHPqi/view?usp=sharing">https://drive.google.com/file/d/1fvljeaKOfDZxwAOP_mEXs8dDE8qrHPqi/view?usp=sharing</a>	
56.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	Combinational Logic Circuit	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmai l.com, 9047297197	<a href="https://drive.google.com/file/d/1g8KJWUe1caXtGqGEzJXpiCFynRo2twU4/view?usp=sharing">https://drive.google.com/file/d/1g8KJWUe1caXtGqGEzJXpiCFynRo2twU4/view?usp=sharing</a>	
57.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	SOP & POS forms	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmai l.com, 9047297197	<a href="https://drive.google.com/file/d/1Z9IHCTG7mddwCBgMM9k-s_6aAszBcds-/view?usp=sharing">https://drive.google.com/file/d/1Z9IHCTG7mddwCBgMM9k-s_6aAszBcds-/view?usp=sharing</a>	
58.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	K-map	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmai l.com, 9047297197	<a href="https://drive.google.com/file/d/1AICJQa1Zis3doyTW20L-oN9hsdmY29AJ/view?usp=sharing">https://drive.google.com/file/d/1AICJQa1Zis3doyTW20L-oN9hsdmY29AJ/view?usp=sharing</a>	
59.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	Multiplexers & Demultiplexers	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmai l.com, 9047297197	<a href="https://drive.google.com/file/d/1Z7eAR7TvyJ1Pup1POOF4e2PpRVXrrhDE/view?usp=sharing">https://drive.google.com/file/d/1Z7eAR7TvyJ1Pup1POOF4e2PpRVXrrhDE/view?usp=sharing</a>	







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60.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	Code Converters	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmail.com, 9047297197	<a href="https://drive.google.com/file/d/1vPGWs5_XbsEM29U-6R-knSAgR0iCwgvyu/vi ew?usp=sharing">https://drive.google.com/file/d/1vPGWs5_XbsEM29U-6R-knSAgR0iCwgvyu/vi ew?usp=sharing</a>	
61.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	Adders & Subtractors	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmail.com, 9047297197	<a href="https://drive.google.com/file/d/1xTgG0afrlj-x6r1L-EnHkuRmr6-WXwUk/view?usp=sharing">https://drive.google.com/file/d/1xTgG0afrlj-x6r1L-EnHkuRmr6-WXwUk/view?usp=sharing</a>	
62.	II/ EEE	EE8351	Digital Logic Circuits	COMBINATIONAL CIRCUITS	Encoders & Decoders	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmail.com, 9047297197	<a href="https://drive.google.com/file/d/1xivIMm63tMLzWtRoR3viohZF7JQ0oudL/view?usp=sharing">https://drive.google.com/file/d/1xivIMm63tMLzWtRoR3viohZF7JQ0oudL/view?usp=sharing</a>	
63.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Electric Potential	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=3gJEd63uWq8">https://www.youtube.com/watch?v=3gJEd63uWq8</a>	
64.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Electric Field and Equipotential Plots	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=PoL2nxktyi0">https://www.youtube.com/watch?v=PoL2nxktyi0</a>	
65.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Electrostatic Energy Density	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=hZ62auegCA">https://www.youtube.com/watch?v=hZ62auegCA</a>	






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66.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Properties of materials- Conductors	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=TzzAvp9Lt0U">https://www.youtube.com/watch?v=TzzAvp9Lt0U</a>	
67.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Dielectric Polarization- Dielectric Strength	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=8ezZmDYm5XM">https://www.youtube.com/watch?v=8ezZmDYm5XM</a>	
68.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Electrostatic Boundary Conditions	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=5B6Y61CBZLg">https://www.youtube.com/watch?v=5B6Y61CBZLg</a>	
69.	II/ EEE	EE8391	Electromagnetic Theory	ELECTROSTATICS-II	Poisson's and Laplace Equations-Capacitance	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=98rCG6bWNBo">https://www.youtube.com/watch?v=98rCG6bWNBo</a>	
70.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Introduction to Transformers	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/VU7ptYdrzeA">https://youtu.be/VU7ptYdrzeA</a>	
71.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Constructional details of transformer ( Core concepts I)	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/veSE5YN8I2Q">https://youtu.be/veSE5YN8I2Q</a>	













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72.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Constructional details of transformer ( Core concepts II)	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/FsAtOd8WfU">https://youtu.be/FsAtOd8WfU</a>	
73.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Constructional details of transformer (Winding Concepts)	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/AgKonnJeAYs">https://youtu.be/AgKonnJeAYs</a>	
74.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Principle of operation	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/HcX-P-sY_xY">https://youtu.be/HcX-P-sY_xY</a>	
75.	II/ EEE	EE8301	Electrical Machines-I	Transformers	No load Phasor Diagram	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/GYf15vJ_xMw">https://youtu.be/GYf15vJ_xMw</a>	
76.	II/ EEE	EE8301	Electrical Machines-I	Transformers	E.M.F Equation	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/hrLCduqbDig">https://youtu.be/hrLCduqbDig</a>	
77.	II/ EEE	EE8301	Electrical Machines-I	Transformers	No load equivalent circuit	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/JSXNE8D8n88">https://youtu.be/JSXNE8D8n88</a>	






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78.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Hysteresis losses explanation	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/kmQhhlOlhLA">https://youtu.be/kmQhhlOlhLA</a>	
79.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Hysteresis loss expression and EDDY CURRENT LOSSES	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/BX58VPYIySo">https://youtu.be/BX58VPYIySo</a>	
80.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Expression for eddy current losses with v/f ratio	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/2-DyKqMWHM">https://youtu.be/2-DyKqMWHM</a>	
81.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Copper Losses	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/tDdDgWZWqJQ">https://youtu.be/tDdDgWZWqJQ</a>	
82.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Efficiency expressions	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/dzkvJaLn4E">https://youtu.be/dzkvJaLn4E</a>	
83.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Equivalent circuit & Per Unit Representation	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/BWpQPrKejFo">https://youtu.be/BWpQPrKejFo</a>	






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84.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Voltage Regulation	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/QuJ0IfD_3nY">https://youtu.be/QuJ0IfD_3nY</a>	
85.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Regulation Curve	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/HEP_rinrlq6s">https://youtu.be/HEP_rinrlq6s</a>	
86.	II/ EEE	EE8301	Electrical Machines-I	Transformers	Sumpner's test	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/9k8xAJJusP8">https://youtu.be/9k8xAJJusP8</a>	
87.	II/ EEE	EE8301	Electrical Machines-I	Transformers	OC and SC Test	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/Z1_0-85OJIw">https://youtu.be/Z1_0-85OJIw</a>	
88.	II/ EEE	EE8301	Electrical Machines-I	Transformers	All Day Efficiency	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/1Fn_ofJN_eZs">https://youtu.be/1Fn_ofJN_eZs</a>	
89.	II/ EEE	EC8353	Electron devices and circuits	Transistors and thyristors	Bipolar Junction Transistor	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1C-4ItyS_OHuNcfFizRuLAXElygRsB5u_/view?usp=sharing">https://drive.google.com/file/d/1C-4ItyS_OHuNcfFizRuLAXElygRsB5u_/view?usp=sharing</a>	

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90.	II/ EEE	EC8353	Electron devices and circuits	Transistors and thyristors	Junction Field Effect Transistor	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1AZFW4CQdn6nrveVLKluCy8qd5_DwAzRv/view?usp=sharing">https://drive.google.com/file/d/1AZFW4CQdn6nrveVLKluCy8qd5_DwAzRv/view?usp=sharing</a>	
91.	II/ EEE	EC8353	Electron devices and circuits	Transistors and thyristors	MOSFET	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1_zU3G4QHjV-ZbuE3DISKQQ6rrXRUnKWO/view?usp=sharing">https://drive.google.com/file/d/1_zU3G4QHjV-ZbuE3DISKQQ6rrXRUnKWO/view?usp=sharing</a>	
92.	II/ EEE	EC8353	Electron devices and circuits	Transistors and thyristors	Unijunction Transistor	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/12Dc8C6qCQqxovM-e1eJZZeWeDUZb3Tp/view?usp=sharing">https://drive.google.com/file/d/12Dc8C6qCQqxovM-e1eJZZeWeDUZb3Tp/view?usp=sharing</a>	
93.	II/ EEE	ME8792	Power Plant Engineering	Diesel,Gas Turbine And Combined Cycle Power Plants	Otto,Diesel, Dual And Brayton Cycle-Analysis And Optimisation	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1IHBbugoOcwYEgGbauEGbInFCnxDLIHzx/view?usp=sharing">https://drive.google.com/file/d/1IHBbugoOcwYEgGbauEGbInFCnxDLIHzx/view?usp=sharing</a>	
94.	II/ EEE	ME8792	Power Plant Engineering	Diesel,Gas Turbine And Combined Cycle Power Plants	Components Of Diesel Power Plants	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1qz1E1liTjFUn_zjYh_oTzJZIt6Xd0HF/view?usp=sharing">https://drive.google.com/file/d/1qz1E1liTjFUn_zjYh_oTzJZIt6Xd0HF/view?usp=sharing</a>	





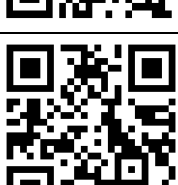
S.No.	Year/ Dept.	Subject code	Subject	Unit II	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
95.	II/ EEE	ME8792	Power Plant Engineering	Diesel,Gas Turbine And Combined Cycle Power Plants	Components Of Gas Turbine Power Plants	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1gvfc7YOBaH9-wH538-yfr5MNFB6Is1On/viiew?usp=sharing">https://drive.google.com/file/d/1gvfc7YOBaH9-wH538-yfr5MNFB6Is1On/viiew?usp=sharing</a>	
96.	II/ EEE	ME8792	Power Plant Engineering	Diesel,Gas Turbine And Combined Cycle Power Plants	Combined Cycle Power Plants & Integrated Gasifier Based Combined Cycle Systems	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/16cXvH0s6j26txBYvxT7O8V6CcqtZfPDs/view?usp=sharing">https://drive.google.com/file/d/16cXvH0s6j26txBYvxT7O8V6CcqtZfPDs/view?usp=sharing</a>	
97.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	LOAD FLOW STUDY ANALYSIS	INTRODUCTION OF LOAD FLOW STUDY	M.Vishalakshi, AP/EEE TPGIT VELLORE	<a href="https://youtu.be/YvMDDz8mY">https://youtu.be/YvMDDz8mY</a>	
98.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	LOAD FLOW STUDY ANALYSIS	LOAD FLOW ANALYSIS BY,GAUSS SIEDEL METHOD STEPS	M.Vishalakshi, AP/EEE TPGIT VELLORE	<a href="https://youtu.be/mv55PpQ9mtQ">https://youtu.be/mv55PpQ9mtQ</a>	
99.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PROGRAMMING OF 8085 PROCESSOR	Types of Languages	Dr.M.KALPANADEVI, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/iLaZ5UZyl5g">https://youtu.be/iLaZ5UZyl5g</a>	






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100.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PROGRAMMING OF 8085 PROCESSOR	Instructions and Data formats, Classification and Addressing modes of 8085 Microprocessor	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/ykJcLBtdZd8">https://youtu.be/ykJcLBtdZd8</a>	
101.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PROGRAMMING OF 8085 PROCESSOR	Instruction Set of 8085 Microprocessor	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/Znu8qqlnvks">https://youtu.be/Znu8qqlnvks</a>	
102.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PROGRAMMING OF 8085 PROCESSOR	Stack and Subroutines	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/jQAMaA0OPkQ">https://youtu.be/jQAMaA0OPkQ</a>	
103.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PROGRAMMING OF 8085 PROCESSOR	Assembly Language Programs for Looping, Counting, Indexing and Look up table	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/Q9lto-Zkp84">https://youtu.be/Q9lto-Zkp84</a>	
104.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	.Introduction to Phase Controlled Converters	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/jqe6dtYUCqw">https://youtu.be/jqe6dtYUCqw</a>	




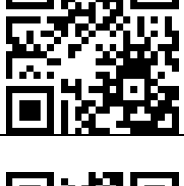

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105.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	.Single Phase Full Converter	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/VW0zO7wfAMU">https://youtu.be/VW0zO7wfAMU</a>	
106.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	.Single Phase Semi Converter	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/qxhDsu0g6a4">https://youtu.be/qxhDsu0g6a4</a>	
107.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	Dual Converter	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/cAyLvxi6mgo">https://youtu.be/cAyLvxi6mgo</a>	
108.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	Performance Parameters	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/XOnWWgWMHYo">https://youtu.be/XOnWWgWMHYo</a>	
109.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	.Effect of Source Inductance on the Performance of Full Converter	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/2XTb9Nd4rqw">https://youtu.be/2XTb9Nd4rqw</a>	






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	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	Three Phase Full Converter	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/Xrjk1EqfQ-A">https://youtu.be/Xrjk1EqfQ-A</a>	
110.	III/ EEE	EE8552	Power Electronics	Phase Controlled Converters	Three Phase Semi Converter	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/kXsljdVyRWU">https://youtu.be/kXsljdVyRWU</a>	
111.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Biosignal characteristics and Electrode configurations	Biosignal characteristics and ECG measurement	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010.	<a href="https://drive.google.com/file/d/1Eae0qSJb3SGDa-bK1lemkmRpW-USrTBH/view?usp=drivesdk">https://drive.google.com/file/d/1Eae0qSJb3SGDa-bK1lemkmRpW-USrTBH/view?usp=drivesdk</a>	
112.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Biosignal characteristics and Electrode configurations	EEG 10-20 Electrode system	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010.	<a href="https://drive.google.com/file/d/1Eae0qSJb3SGDa-bK1lemkmRpW-USrTBH/view?usp=drivesdk">https://drive.google.com/file/d/1Eae0qSJb3SGDa-bK1lemkmRpW-USrTBH/view?usp=drivesdk</a>	
113.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Biosignal characteristics and Electrode configurations	EMG – Unipolar and Bipolar mode	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010.	<a href="https://drive.google.com/file/d/1FJdqGoErB9d8KeyNBTBCQ1JDWS7o_2AN/vi ew?usp=drivesdk">https://drive.google.com/file/d/1FJdqGoErB9d8KeyNBTBCQ1JDWS7o_2AN/vi ew?usp=drivesdk</a>	













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114.	III/ EEE	OAN55 1	SENSORS AND TRANSDUCERS	Sensors And Transducers	Sensors And Transducers	M.SIVASUBRAMANI/ ASSISTANT PROFESSOR/ pgpshiva@gmail.com, GCE THANJAVUR /9944575643	<a href="https://drive.google.com/file/d/1m6fkc7vUq17Hn3Z35CjZxzSLgYP3ukkz/view?usp=drivesdk">https://drive.google.com/file/d/1m6fkc7vUq17Hn3Z35CjZxzSLgYP3ukkz/view?usp=drivesdk</a>	
115.	IV/ EEE	EE8701	High Voltage Engineering	Dielectric Breakdown	Breakdown in Gases	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/OGCBL0ldQHM">https://youtu.be/OGCBL0ldQHM</a>	
116.	IV/ EEE	EE8701	High Voltage Engineering	Dielectric Breakdown	Streamer Theory and Vacuum Breakdown	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/g31Kfuoxsio">https://youtu.be/g31Kfuoxsio</a>	
117.	IV/ EEE	EE8701	High Voltage Engineering	Dielectric Breakdown	Breakdown in Liquid Dielectrics	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/WPg-ifo93dg">https://youtu.be/WPg-ifo93dg</a>	
118.	IV/ EEE	EE8701	High Voltage Engineering	Dielectric Breakdown	Breakdown in Solid Dielectrics	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/7mqYuWmsOWY">https://youtu.be/7mqYuWmsOWY</a>	





S.No.	Year/ Dept.	Subject code	Subject	Unit II	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
119.	IV/ EEE	EE8702	Power system operation and control	Introduction on real power of LFC	Introduction on real power-frequency control and function of LFC	Ms. V. Logeshwari, ASSISTANT PROFESSOR/ EEE, logulagam@gmail.com, 8778727201/7639433252	<a href="https://drive.google.com/file/d/1Ebn6ZVhtl5cs71vCcckhdO18WdTEOUSB/view?usp=drivesdk">https://drive.google.com/file/d/1Ebn6ZVhtl5cs71vCcckhdO18WdTEOUSB/view?usp=drivesdk</a>	
120.	IV/ EEE	EE8702	Power system operation and control	Introduction on real power of LFC	Modelling of Load Frequency Control for single area system	Ms. V. Logeshwari, ASSISTANT PROFESSOR/ EEE, logulagam@gmail.com, 8778727201/7639433252	<a href="https://drive.google.com/file/d/1EbqSQ2bEND3WpcoxXICg3nb849IY7x2/view?usp=drivesdk">https://drive.google.com/file/d/1EbqSQ2bEND3WpcoxXICg3nb849IY7x2/view?usp=drivesdk</a>	
121.	IV/ EEE	EE8702	Power system operation and control	Introduction on real power of LFC	Static analysis of LFC	Ms. V. Logeshwari, ASSISTANT PROFESSOR/ EEE, logulagam@gmail.com, 8778727201/7639433252	<a href="https://drive.google.com/file/d/1EiK6MKIM4l2ddgmDL5UGdyD9G_hAimky/view?usp=drivesdk">https://drive.google.com/file/d/1EiK6MKIM4l2ddgmDL5UGdyD9G_hAimky/view?usp=drivesdk</a>	
122.	IV/ EEE	EE8702	Power system operation and control	Introduction on real power of LFC	Governor characteristics	Ms. V. Logeshwari, ASSISTANT PROFESSOR/ EEE, logulagam@gmail.com, 8778727201/7639433252	<a href="https://drive.google.com/file/d/1EqZJDH H9aYHovDRQsxseHiUu_vM3QdAn/vi ew?usp=drivesdk">https://drive.google.com/file/d/1EqZJDH H9aYHovDRQsxseHiUu_vM3QdAn/vi ew?usp=drivesdk</a>	
123.	IV/ EEE	EE8702	Power system operation and control	Introduction on real power of LFC	Load sharing in parallel with numerical problem	Ms. V. Logeshwari, ASSISTANT PROFESSOR/ EEE, logulagam@gmail.com, 8778727201/7639433252	<a href="https://drive.google.com/file/d/1ErCc3AsGMtYJw1cl9pxNzodr6t7jK8-a/view?usp=drivesdk">https://drive.google.com/file/d/1ErCc3AsGMtYJw1cl9pxNzodr6t7jK8-a/view?usp=drivesdk</a>	

S.No.	Year/ Dept.	Subject code	Subject	Unit II	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
124.	IV/ EEE	EE8702	Power system operation and control	Introduction on real power of LFC	Dynamic analysis of LFC	Ms. V. Logeshwari, ASSISTANT PROFESSOR/ EEE, logulagam@gmail.com, 8778727201/7639433252	<a href="https://drive.google.com/file/d/1EuMQBrUQ8RpQLssMGK7bXsMeNeC29wjv/vi ew?usp=drivesdk">https://drive.google.com/file/d/1EuMQBrUQ8RpQLssMGK7bXsMeNeC29wjv/vi ew?usp=drivesdk</a>	
125.	IV/ EEE	EE8703	Renewable Energy Systems	Wind Energy	Power in Wind	N.V.Uma Maheswari AP/EEE nvumae ee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://youtu.be/sSr54kW5qas">https://youtu.be/sSr54kW5qas</a>	
126.	IV/ EEE	EE8703	Renewable Energy Systems	Wind Energy	Types of wind power plants (WPPs)	N.V.Uma Maheswari AP/EEE nvumae ee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://youtu.be/Ybw dD1Zhz-Q">https://youtu.be/Ybw dD1Zhz-Q</a>	
127.	IV/ EEE	EE8703	Renewable Energy Systems	Wind Energy	Components of WPPs, Working of WPPs	N.V.Uma Maheswari AP/EEE nvumae ee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://youtu.be/xnX6wXblUVc">https://youtu.be/xnX6wXblUVc</a>	
128.	IV/ EEE	EE8703	Renewable Energy Systems	Wind Energy	Siting of WPPs and Grid Integration Issues of WPPs	N.V.Uma Maheswari AP/EEE nvumae ee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://youtu.be/Skf9uFhL3uI">https://youtu.be/Skf9uFhL3uI</a>	

S.No.	Year/ Dept.	Subject code	Subject	Unit II	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
129.	IV/ EEE	EE8010	Power System Transients	SWITCHING TRANSIENTS	Resistance switching and the equivalent circuit for interrupting the resistor current	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/rv8GPkSifkQ">https://youtu.be/rv8GPkSifkQ</a>	
130.	IV/ EEE	EE8010	Power System Transients	SWITCHING TRANSIENTS	Load Switching and equivalent circuit - waveforms for transient voltage across the load and the switch, Over voltages due to switching transients	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/5h0sxH4OOME">https://youtu.be/5h0sxH4OOME</a>	
131.	IV/ EEE	EE8010	Power System Transients	SWITCHING TRANSIENTS	Current chopping - Current suppression - effective equivalent circuit	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/nxRW73RwQM4">https://youtu.be/nxRW73RwQM4</a>	
132.	IV/ EEE	EE8010	Power System Transients	SWITCHING TRANSIENTS	Capacitance Switching - effect of source regulation - capacitance switching with a restrike, with multiple restrikes. Illustration for multiple restriking transients	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/xoXJ6fY3lXM">https://youtu.be/xoXJ6fY3lXM</a>	
133.	IV/ EEE	EE8010	Power System Transients	SWITCHING TRANSIENTS	Ferroresonance	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/CPDjm233lkA">https://youtu.be/CPDjm233lkA</a>	

S.No.	Year/ Dept.	Subject code	Subject	Unit II	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
134.	IV/ EEE	GE8074	Human rights	Human rights	.Concept of HR	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445	<a href="https://drive.google.com/file/d/1z5kbITV3jr0-DZqt2-Egcikz5AtGNiZ6/view?usp=sharing">https://drive.google.com/file/d/1z5kbITV3jr0-DZqt2-Egcikz5AtGNiZ6/view?usp=sharing</a>	
135.	IV/ EEE	GE8074	Human rights	Human rights	.Magna Carta of HR	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445	<a href="https://drive.google.com/file/d/1MWav4pdcHzJiD7KR4HqKeoqE4teEaj/view?usp=sharing">https://drive.google.com/file/d/1MWav4pdcHzJiD7KR4HqKeoqE4teEaj/view?usp=sharing</a>	
136.	IV/ EEE	GE8074	Human rights	Human rights	.Geneva Convention	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445,	<a href="https://drive.google.com/file/d/1QMBJM_c4WvSe9duSpuVC SJubc619FIWo/view?usp=sharing">https://drive.google.com/file/d/1QMBJM_c4WvSe9duSpuVC SJubc619FIWo/view?usp=sharing</a>	
137.	IV/ EEE	GE8074	Human rights	Human rights	Universal Declarat 1948 .Theories of HR	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445	<a href="https://drive.google.com/file/d/1v6r5_HtRDuR2pZ7Y7Wt0aQz04eWDSxx/view?usp=sharing">https://drive.google.com/file/d/1v6r5_HtRDuR2pZ7Y7Wt0aQz04eWDSxx/view?usp=sharing</a>	
138.	IV/ EEE	EE8009	Control of Electrical Drives	INDUCTION MOTOR DRIVES	Introduction to speed control of Induction motor	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1GyCdGOTAbOG2a809j61p7vQFGfvaLhvQ/view?usp=sharing">https://drive.google.com/file/d/1GyCdGOTAbOG2a809j61p7vQFGfvaLhvQ/view?usp=sharing</a>	

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139.	IV/ EEE	EE8009	Control of Electrical Drives	INDUCTION MOTOR DRIVES	VSI Fed Induction motor drives	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1riyivgbP7eFDFuUdQJMqIGqvYqGs0wbf/view?usp=sharing">https://drive.google.com/file/d/1riyivgbP7eFDFuUdQJMqIGqvYqGs0wbf/view?usp=sharing</a>	
140.	IV/ EEE	EE8009	Control of Electrical Drives	INDUCTION MOTOR DRIVES	CSI fed Induction Motor drives	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1QSmP366374XWbSFskM72HuPh3z_PXcKN/vi ew?usp=sharing">https://drive.google.com/file/d/1QSmP366374XWbSFskM72HuPh3z_PXcKN/vi ew?usp=sharing</a>	
141.	IV/ EEE	EE8009	Control of Electrical Drives	INDUCTION MOTOR DRIVES	Static scherbius drives and Modifies=d Kramer drives	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1qWljZR VGE mMbqR0RbN5 JLxO3xh1ng8te/vie w?usp=sharing">https://drive.google.com/file/d/1qWljZR VGE mMbqR0RbN5 JLxO3xh1ng8te/vie w?usp=sharing</a>	
142.	IV/ EEE	EE8009	Control of Electrical Drives	INDUCTION MOTOR DRIVES	vector controlled induction motor drives and design of V/F controlled closed loop speed control of induction machine	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1ZLs7LR GFSZgfv6w08OR1u s2EFBSZO7VW/vie w?usp=sharing">https://drive.google.com/file/d/1ZLs7LR GFSZgfv6w08OR1u s2EFBSZO7VW/vie w?usp=sharing</a>	
143.	II/ MEC H	EE8353	Electrical Drives And Controls	Drive motor characteristics	Mechanical characteristics	Dr.R.BALAMURUGAN, ASSOCIATE PROFESSOR(CAS), 9865067560	<a href="https://drive.google.com/file/d/1xloOoXcnshL4ScjBCmaJyVb8UyhO5CJ8/view?usp=sharing">https://drive.google.com/file/d/1xloOoXcnshL4ScjBCmaJyVb8UyhO5CJ8/view?usp=sharing</a>	

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144.	II/ MEC H	EE8353	Electrical Drives And Controls	Drive motor characteristics	speed- torque characteristics of various types of load and drive motors	Dr.R.BALAMURUGAN, ASSOCIATE PROFESSOR(CAS), 9865067560	<a href="https://drive.google.com/file/d/1VgFSXJd-kmp_eObjx-Y3n7cPw7rpSa/view?usp=sharing">https://drive.google.com/file/d/1VgFSXJd-kmp_eObjx-Y3n7cPw7rpSa/view?usp=sharing</a>	
145.	II/ MEC H	EE8353	Electrical Drives And Controls	Drive motor characteristics	braking of electrical motors	Dr.R.BALAMURUGAN, ASSOCIATE PROFESSOR(CAS), 9865067560	<a href="https://drive.google.com/file/d/1nEyph32R8QOln6XM6wSOSAHSr4Qex21/view?usp=sharing">https://drive.google.com/file/d/1nEyph32R8QOln6XM6wSOSAHSr4Qex21/view?usp=sharing</a>	
146.	II/ MEC H	EE8353	Electrical Drives And Controls	Drive motor characteristics	braking of electrical motors	Dr.R.BALAMURUGAN, ASSOCIATE PROFESSOR(CAS), 9865067560	<a href="https://drive.google.com/file/d/1zyRhmP3Cnd5ZiDYVjHqiXyD4VWpLzPCB/view?usp=sharing">https://drive.google.com/file/d/1zyRhmP3Cnd5ZiDYVjHqiXyD4VWpLzPCB/view?usp=sharing</a>	
147.	II/ ECE	ORO55 1	Renewable Energy Sources	Solar Energy Collection	Flat plate and concentrating collectors, Classification of concentrating collectors, Orientation and thermal analysis, Advanced collectors	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/2hnSPqrgRI">https://youtu.be/2hnSPqrgRI</a>	



## **Directorate of Technical Education Tamil Nadu**

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**ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES – REGULATION 2017**













# Unit – III






**DEPARTMENT OF TECHNICAL EDUCATION**  
**VIDEO LECTURE DETAILS**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**






S.No.	Year/ Dept.	Subject code	Subject	Unit III	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
1.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Sequential circuit_latch	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcej@gmail.com">prakashgcej@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1J2VV63LdYWQSpF-cxLXx-H7UiSLNWzm/view?usp=sharing">https://drive.google.com/file/d/1J2VV63LdYWQSpF-cxLXx-H7UiSLNWzm/view?usp=sharing</a>	
2.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Sequential Circuit_filpflops	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcej@gmail.com">prakashgcej@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1J2r3OCnjj6lj-KYXYGk5Qzt5m_hCu2/view?usp=sharing">https://drive.google.com/file/d/1J2r3OCnjj6lj-KYXYGk5Qzt5m_hCu2/view?usp=sharing</a>	
3.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	level triggering and edge triggering	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcej@gmail.com">prakashgcej@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1J4KLpqtDIVXKLeqiF9545ci ccyuxDd4C/view?usp=sharing">https://drive.google.com/file/d/1J4KLpqtDIVXKLeqiF9545ci ccyuxDd4C/view?usp=sharing</a>	
4.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Registers	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcej@gmail.com">prakashgcej@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1JBJuR0_gaKHB6OH6IWuxdG1cwFI1-UCZ/view?usp=sharing">https://drive.google.com/file/d/1JBJuR0_gaKHB6OH6IWuxdG1cwFI1-UCZ/view?usp=sharing</a>	






S.No.	Year/ Dept.	Subject code	Subject	Unit III	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
5.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Excitation table for SR & JK	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgctj@gmail.com">prakashgctj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1JCqgMeFCbCh4S6jj2uc-zs_fZc2DTBS0/view?usp=sharing">https://drive.google.com/file/d/1JCqgMeFCbCh4S6jj2uc-zs_fZc2DTBS0/view?usp=sharing</a>	
6.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Counters	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgctj@gmail.com">prakashgctj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1I81V5MpR-m29767kgtA5sP1afFqWiHMT/view?usp=sharing">https://drive.google.com/file/d/1I81V5MpR-m29767kgtA5sP1afFqWiHMT/view?usp=sharing</a>	
7.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Design of counter	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgctj@gmail.com">prakashgctj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/138rbXWIXwjSeyKZD9EzcPYjG-F4C0XY1/view?usp=sharing">https://drive.google.com/file/d/138rbXWIXwjSeyKZD9EzcPYjG-F4C0XY1/view?usp=sharing</a>	
8.	II/ EEE	EE8351	Digital Logic Circuits	Sequential circuits	Moore & Mealy model	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgctj@gmail.com">prakashgctj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1zQ-6_7V2pV3-Vy2-YezocziIeGPFx4Fx/view?usp=sharing">https://drive.google.com/file/d/1zQ-6_7V2pV3-Vy2-YezocziIeGPFx4Fx/view?usp=sharing</a>	
9.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Magnetostatics- Introduction	Dr.A.Thangaraj, Assistant Professor/EEE, <a href="mailto:amuthangam@gmail.com">amuthangam@gmail.com</a> , 9489940850	<a href="https://www.youtube.com/watch?v=fbj_I G7gAmw">https://www.youtube.com/watch?v=fbj_I G7gAmw</a>	

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10.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Biot-Savart's Law	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=MMs_oH8_8yUg">https://www.youtube.com/watch?v=MMs_oH8_8yUg</a>	
11.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Ampere's Circuit Law- Magnetic field due to infinite line current and infinite sheet of current	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=1JP98_ADmiw">https://www.youtube.com/watch?v=1JP98_ADmiw</a>	
12.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Magnetic Flux Density- Magnetic Scalar and Vector Potentials	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=iwphX1bKBDw">https://www.youtube.com/watch?v=iwphX1bKBDw</a>	
13.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Lorentz's Force Equation	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=3ROR07oQkmw">https://www.youtube.com/watch?v=3ROR07oQkmw</a>	
14.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Magnetic Torque and Moment-Magnetic dipole	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=iPwe68SjnPg">https://www.youtube.com/watch?v=iPwe68SjnPg</a>	






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15.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Magnetization- Classification of Magnetic Materials	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=zZmUyb9sGz8">https://www.youtube.com/watch?v=zZmUyb9sGz8</a>	
16.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Magnetic Boundary Conditions	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=JPjT5cPm5gA">https://www.youtube.com/watch?v=JPjT5cPm5gA</a>	
17.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Inductance-Magnetic Energy-Magnetic Energy density	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=IBonrxl6kwg">https://www.youtube.com/watch?v=IBonrxl6kwg</a>	
18.	II/ EEE	EE8301	Electrical Machines-I	Electromechanical Energy Conversion And Concepts In Rotating Machines	Energy in magnetic system ,Field energy and co energy-force and torque equations – singly Excited System	Ramamoorthi R AP/EEE	<a href="https://youtu.be/K0EbAhJD88w">https://youtu.be/K0EbAhJD88w</a>	
19.	II/ EEE	EE8301	Electrical Machines-I	Electromechanical Energy Conversion And Concepts In Rotating Machines	Problems solving – singly Excited system	Ramamoorthi R AP/EEE	<a href="https://youtu.be/eB0NqKGnAh8">https://youtu.be/eB0NqKGnAh8</a>	






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20.	II/ EEE	EE8301	Electrical Machines-I	Electromechanical Energy Conversion And Concepts In Rotating Machines	Multiple Excited system and Winding inductance	Ramamoorthi R AP/EEE	<a href="https://youtu.be/-VnZhZHKt94">https://youtu.be/-VnZhZHKt94</a>	
21.	II/ EEE	EE8301	Electrical Machines-I	Electromechanical Energy Conversion And Concepts In Rotating Machines	Multiple Excited system and Winding inductance Problems	Ramamoorthi R AP/EEE	<a href="https://youtu.be/NE0O53dv8Lw">https://youtu.be/NE0O53dv8Lw</a>	
22.	II/ EEE	EC8353	Electron devices and circuits	Transistors	Small Signal Model of BJT	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1W81JuTE3s2UVixr_D1PFDEMc6L7x2HbZ/view?usp=sharing">https://drive.google.com/file/d/1W81JuTE3s2UVixr_D1PFDEMc6L7x2HbZ/view?usp=sharing</a>	
23.	II/ EEE	EC8353	Electron devices and circuits	Transistors	Frequency Response of BJT Amplifier	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1wvmp3T-1-E1bbTV_cwz8R9hcL5yTWXY/view?usp=sharing">https://drive.google.com/file/d/1wvmp3T-1-E1bbTV_cwz8R9hcL5yTWXY/view?usp=sharing</a>	
24.	II/ EEE	EC8353	Electron devices and circuits	Transistors	Low Frequency Response of BJT Amplifier	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1wvmp3T-1-E1bbTV_cwz8R9hcL5yTWXY/view?usp=sharing">https://drive.google.com/file/d/1wvmp3T-1-E1bbTV_cwz8R9hcL5yTWXY/view?usp=sharing</a>	






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25.	II/ EEE	EC8353	Electron devices and circuits	Transistors	Small Signal Model of MOSFET	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1Ra3GH-sdKTCh1-GE67VLhNIS1gon649g/view?usp=sharing">https://drive.google.com/file/d/1Ra3GH-sdKTCh1-GE67VLhNIS1gon649g/view?usp=sharing</a>	
26.	II/ EEE	ME8792	Power Plant Engineering	NUCLEAR POWER PLANTS	Basics Of Nuclear Engineering	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1Tk2DYraLW0cmPsF_wckpV_8WRpL2gfaE/view?usp=sharing">https://drive.google.com/file/d/1Tk2DYraLW0cmPsF_wckpV_8WRpL2gfaE/view?usp=sharing</a>	
27.	II/ EEE	ME8792	Power Plant Engineering	NUCLEAR POWER PLANTS	Nuclear Power	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1uiN6UpKh8z4OVPNYJK6DAJVLrIohTvdH/view?usp=sharing">https://drive.google.com/file/d/1uiN6UpKh8z4OVPNYJK6DAJVLrIohTvdH/view?usp=sharing</a>	
28.	II/ EEE	ME8792	Power Plant Engineering	NUCLEAR POWER PLANTS	Nuclear Reactor-Part-1 BWR & PWR	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1cDe19j77115KGp2ctb-7V79fJuJ2tCHj/view?usp=sharing">https://drive.google.com/file/d/1cDe19j77115KGp2ctb-7V79fJuJ2tCHj/view?usp=sharing</a>	
29.	II/ EEE	ME8792	Power Plant Engineering	NUCLEAR POWER PLANTS	Nuclear Reactor-Part-2 Gas Cooled And Breeder Reactor	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/15zoM5nInLGCEyraN97E6ObG3SefVcqRn/view?usp=sharing">https://drive.google.com/file/d/15zoM5nInLGCEyraN97E6ObG3SefVcqRn/view?usp=sharing</a>	







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30.	II/ EEE	ME8792	Power Plant Engineering	NUCLEAR POWER PLANTS	Safety Measures Of Nuclear Power Plant	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290.	<a href="https://drive.google.com/file/d/1Ubcv9mU58oSkKKmYN_dXnE02pHOXcaFR/vi ew?usp=sharing">https://drive.google.com/file/d/1Ubcv9mU58oSkKKmYN_dXnE02pHOXcaFR/vi ew?usp=sharing</a>	
31.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	SYMMETRICAL FAULT ANALYSIS	Faults ,Types of faults, Transient short circuit current &problems.	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/jt6K606RnZk">https://youtu.be/jt6K606RnZk</a>	
32.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	SYMMETRICAL FAULT ANALYSIS	Symmetrical 3-phase fault current using Thevenin's theorem, Bus impedance matrix	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://www.youtube.com/watch?v=CRi1BUU11Cg">https://www.youtube.com/watch?v=CRi1BUU11Cg</a>	
33.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	SYMMETRICAL FAULT ANALYSIS	Current limiting reactors & different reactors.	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/DJp2M6EIk2w">https://youtu.be/DJp2M6EIk2w</a>	
34.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	8051 MICROCONTROLLER	Hardware Architecture and Functional Building Blocks of 8051 Microcontroller	Dr.M.KALPANADEVI, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/76qQAqRjz-o">https://youtu.be/76qQAqRjz-o</a>	













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35.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	8051 MICROCONTROLLER	Pin Details and Memory Organisation of 8051 Microcontroller	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/LmTpCv6DIhA">https://youtu.be/LmTpCv6DIhA</a>	
36.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	8051 MICROCONTROLLER	Addressing Modes and Instruction set of 8051 Microcontroller	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/JdYVx2FQWC4">https://youtu.be/JdYVx2FQWC4</a>	
37.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	8051 MICROCONTROLLER	IO Ports, Timers, Serial Communication and Interrupts	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/N8ysmbfuIEM">https://youtu.be/N8ysmbfuIEM</a>	
38.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	8051 MICROCONTROLLER	Assembly Language Programs of 8051 Microcontroller	Dr.M.KALPANADEV, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/eSogcspLzg">https://youtu.be/eSogcspLzg</a>	
39.	III/ EEE	EE8552	Power Electronics	CHOPPERS	1.Introduction to Choppers	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/2cPCBczjaw8">https://youtu.be/2cPCBczjaw8</a>	






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40.	III/ EEE	EE8552	Power Electronics	CHOPPERS	2. Step- Down and Step -Up Choppers	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/kMNRn_t7eZ8">https://youtu.be/kMNRn_t7eZ8</a>	
41.	III/ EEE	EE8552	Power Electronics	CHOPPERS	3. Type C, D, E Choppers	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/4TscE9vFfGQ">https://youtu.be/4TscE9vFfGQ</a>	
42.	III/ EEE	EE8552	Power Electronics	CHOPPERS	4. Switching Regulators	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/0PNMmFky5yw">https://youtu.be/0PNMmFky5yw</a>	
43.	III/ EEE	EE8552	Power Electronics	CHOPPERS	5. Battery Operated Vehicles	P.SAKTHIVEL, AP/ EEE Sakthiaec76@ gmail.com 9789280086	<a href="https://youtu.be/ZXHdH1hkgBM">https://youtu.be/ZXHdH1hkgBM</a>	
44.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Need for bio amplifier	Need for bio amplifier and Differential Bio amplifier	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=vQZHenc0ENs">https://www.youtube.com/watch?v=vQZHenc0ENs</a>	






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45.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Need for bio amplifier	Impedance Matching circuit and Isolation Amplifier	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=stq1eOViL98">https://www.youtube.com/watch?v=stq1eOViL98</a>	
46.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Need for bio amplifier	Power line Interference, Right leg driven ECG Amplifier	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=fZH HBqpm5Q&amp;t=64s">https://www.youtube.com/watch?v=fZH HBqpm5Q&amp;t=64s</a>	
47.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Need for bio amplifier	Band pass Filtering	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010	<a href="https://www.youtube.com/watch?v=rEIA2W32XCM">https://www.youtube.com/watch?v=rEIA2W32XCM</a>	
48.	III/ EEE	OAN55 1	SENSORS AND TRANSDUCERS	Sensors And Transducers	Sensors And Transducers	M.SIVASUBRAMANI/ ASSISTANT PROFESSOR/ pgpshiva@gmail.com, GCE THANJAVUR /9944575643	<a href="https://drive.google.com/file/d/1Cp6VXtqQhfffPzNvQuyZXZleRnmc7OC/view?usp=drivesdk">https://drive.google.com/file/d/1Cp6VXtqQhfffPzNvQuyZXZleRnmc7OC/view?usp=drivesdk</a>	
49.	IV/ EEE	EE8701	High Voltage Engineering	Generation Of High Voltages And High Currents	Generation of High DC Voltages	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/3MSmZw7dYs">https://youtu.be/3MSmZw7dYs</a>	

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50.	IV/ EEE	EE8701	High Voltage Engineering	Generation Of High Voltages And High Currents	Van de Graaff Generators	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/LuZu6CJDs_k">https://youtu.be/LuZu6CJDs_k</a>	
51.	IV/ EEE	EE8701	High Voltage Engineering	Generation Of High Voltages And High Currents	Generation of High AC Voltages	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/EkEes26TTEY">https://youtu.be/EkEes26TTEY</a>	
52.	IV/ EEE	EE8701	High Voltage Engineering	Generation Of High Voltages And High Currents	Generation of Impulse Voltages and Currents	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/BHjVqCHFbI0">https://youtu.be/BHjVqCHFbI0</a>	
53.	IV/ EEE	EE8702	Power System operation and control	REACTIVE AND VOLTAGE CONTROL	Introduction To Reactive And Voltage Control	S.SURESH KUMAR, AP[ADHOC]/EEE, GCE - SRIRANGAM, sureshneyan@gmail.com, 7010206933	<a href="https://www.youtube.com/watch?v=WgmcHE2C">https://www.youtube.com/watch?v=WgmcHE2C</a>	
54.	IV/ EEE	EE8702	Power System operation and control	REACTIVE AND VOLTAGE CONTROL	Modelling And Analysis Of Avr	S.SURESH KUMAR, AP[ADHOC]/EEE, GCE - SRIRANGAM, sureshneyan@gmail.com, 7010206933	<a href="https://youtu.be/ep_IDxdtaas">https://youtu.be/ep_IDxdtaas</a>	
55.	IV/ EEE	EE8702	Power System operation and control	REACTIVE AND VOLTAGE CONTROL	Voltage drop in Transmission line, Tap changing Transformer	K.RAJARAMAN, AP[ADHOC]/EEE, GCE - SRIRANGAM, email2krr@gmail.com,88 25888850	<a href="https://drive.google.com/file/d/1NhInDk2nvg_nAHPDV-FNRJkV1DjOqyN/view?usp=sharing">https://drive.google.com/file/d/1NhInDk2nvg_nAHPDV-FNRJkV1DjOqyN/view?usp=sharing</a>	




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56.	IV/ EEE	EE8702	Power System operation and control	REACTIVE AND VOLTAGE CONTROL	Voltage control devices	K.RAJARAMAN, AP[ADHOC]/EEE, GCE - SRIRANGAM, email2krr@gmail.com,88 25888850	<a href="https://drive.google.com/file/d/1upRSMe0cJMWbG12VaQUnjngti6XagiTO/view?usp=sharing">https://drive.google.com/file/d/1upRSMe0cJMWbG12VaQUnjngti6XagiTO/view?usp=sharing</a>	
57.	IV/ EEE	EE8703	Renewable Energy Systems	Solar Radiation, Radiation Measurement	Solar Radiation, Radiation Measurement, Solar Thermal Power Plant, Central Receiver Power Plants,	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://drive.google.com/file/d/1D9f3UFOKBk03UPQI7sFexDN753Qc1vlv/view?usp=sharing">https://drive.google.com/file/d/1D9f3UFOKBk03UPQI7sFexDN753Qc1vlv/view?usp=sharing</a>	
58.	IV/ EEE	EE8703	Renewable Energy Systems	Solar Radiation, Radiation Measurement	Solar Ponds, Thermal Energy storage system with PCM Solar Photovoltaic systems : Basic Principle of SPV conversion ,PV Module I-V Characteristics of solar cell	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://drive.google.com/file/d/139U6SSK05NqKO9RxnNtdBfbu2-Niy1Ne/view?usp=sharing">https://drive.google.com/file/d/139U6SSK05NqKO9RxnNtdBfbu2-Niy1Ne/view?usp=sharing</a>	
59.	IV/ EEE	EE8703	Renewable Energy Systems	Solar Radiation, Radiation Measurement	Types of Solar Cells, Types of PV Systems, Photovoltaic cell concepts: Cell, module, array series and parallel connections, maximum power point tracking, Applications.	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://drive.google.com/file/d/1bUbYYiKmBMFyr4syBiERih5XLMYOqOSU/vi ew?usp=sharing">https://drive.google.com/file/d/1bUbYYiKmBMFyr4syBiERih5XLMYOqOSU/vi ew?usp=sharing</a>	
60.	IV/ EEE	GE8074	Human rights	Human rights	.UN LAWS	Dr. T. A. RAMESHKUMAR, Assistant Professor, tarpagutharivu@gmail.com, 9486432445,	<a href="https://drive.google.com/file/d/1TeKuGpL2iwJCM_y9ykSJmJcRUdx6Klba/view?usp=sharing">https://drive.google.com/file/d/1TeKuGpL2iwJCM_y9ykSJmJcRUdx6Klba/view?usp=sharing</a>	

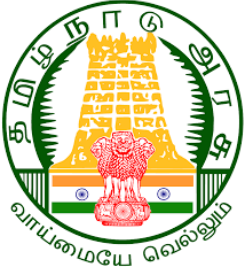
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61.	IV/ EEE	GE8074	Human rights	Human rights	.Perspectives of UN laws	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445,	<a href="https://drive.google.com/file/d/1_L99E16EVmpEDQeyRyzVyRxP0_csEma/view?usp=sharing">https://drive.google.com/file/d/1_L99E16EVmpEDQeyRyzVyRxP0_csEma/view?usp=sharing</a>	
62.	IV/ EEE	GE8074	Human rights	Human rights	.UN Agencies	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445,	<a href="https://drive.google.com/file/d/1VvEzf0CWoDc10CgiKtsVo7UaE5C2eGkD/view?usp=sharing">https://drive.google.com/file/d/1VvEzf0CWoDc10CgiKtsVo7UaE5C2eGkD/view?usp=sharing</a>	
63.	IV/ EEE	GE8074	Human rights	Human rights	Monitor & Complains .UN Agencies against complaints	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445,	<a href="https://drive.google.com/file/d/1PdPZ7VCDOP9YLF937w6dxrMvj23yy35g/view?usp=sharing">https://drive.google.com/file/d/1PdPZ7VCDOP9YLF937w6dxrMvj23yy35g/view?usp=sharing</a>	
64.	IV/ EEE	EE8010	Power System Transients	Mechanisms of Charge Formation	Charge Formation of clouds	M.Balasubramanian, Assistant Professor/EEE, <a href="mailto:balasubramaniangcetly@gmail.com">balasubramaniangcetly@gmail.com</a> , 9976642967	<a href="https://youtu.be/V5Q4mH_j_V8">https://youtu.be/V5Q4mH_j_V8</a>	
65.	IV/ EEE	EE8010	Power System Transients	Mechanisms of Charge Formation	Mechanisms of Lightning Strokes	M.Balasubramanian, Assistant Professor/EEE, <a href="mailto:balasubramaniangcetly@gmail.com">balasubramaniangcetly@gmail.com</a> , 9976642967	<a href="https://youtu.be/ipP9N9zgvjg">https://youtu.be/ipP9N9zgvjg</a>	

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66.	IV/ EEE	EE8010	Power System Transients	Mechanisms of Charge Formation	Parameters and Characteristic of the Lightning Strokes	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/2hIItU8LM4">https://youtu.be/2hIItU8LM4</a>	
67.	IV/ EEE	EE8010	Power System Transients	Mechanisms of Charge Formation	Protection against Lightning overvoltage and Switching Surge	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/3vqp3Qnc7jg">https://youtu.be/3vqp3Qnc7jg</a>	
68.	IV/ EEE	EE8010	Power System Transients	Mechanisms of Charge Formation	Rate of charging of Thunder Clouds and Mode of Lighting	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/-trcaQ6HFz0">https://youtu.be/-trcaQ6HFz0</a>	
69.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Open loop VSI fed drive and its Characteristics	Mr.K.Manikandan Assistant Professor/	<a href="https://drive.google.com/file/d/12FDDs wpVu0sVQwCKc6LU5XetXGVGMaTG/view?usp=sharing">https://drive.google.com/file/d/12FDDs wpVu0sVQwCKc6LU5XetXGVGMaTG/view?usp=sharing</a>	
70.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Self control of synchronous motor drives	Mr.K.Manikandan Assistant Professor/	<a href="https://drive.google.com/file/d/1ebKuWhmqhIpMsYeLbv-4qsLRgmeO4bVH/view?usp=sharing">https://drive.google.com/file/d/1ebKuWhmqhIpMsYeLbv-4qsLRgmeO4bVH/view?usp=sharing</a>	

S.No.	Year/ Dept.	Subject code	Subject	Unit III	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
71.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Torque angle control & Power factor control	Mr.K.Manikandan Assistant Professor/	<a href="https://drive.google.com/file/d/19suaTiGdMW_BC7Da6RRv eoA2ZhlMct3A/view?usp=sharing">https://drive.google.com/file/d/19suaTiGdMW_BC7Da6RRv eoA2ZhlMct3A/view?usp=sharing</a>	
72.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Field oriented control	Mr.K.Manikandan Assistant Professor/	<a href="https://drive.google.com/file/d/1VgYfiQhtp_THEIMW1xs4K0Bc8IN993ZU/view?usp=sharing">https://drive.google.com/file/d/1VgYfiQhtp_THEIMW1xs4K0Bc8IN993ZU/view?usp=sharing</a>	
73.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Brushless excitation systems & Design of closed loop operation of Self control of Synchronous motor drive	Mr.K.Manikandan Assistant Professor/	<a href="https://drive.google.com/file/d/1Cm5Qtgt1IEC63oXHGZ1xb_vCfjSgCEJr/view?usp=sharing">https://drive.google.com/file/d/1Cm5Qtgt1IEC63oXHGZ1xb_vCfjSgCEJr/view?usp=sharing</a>	
74.	II/ MEC H	EE8353	Electrical Drives And Controls	Starting Methods	Dc Starters	Mrs.S.Subalakshmi/AP,	<a href="https://drive.google.com/file/d/190ZaEB3VQdFIDhHiUmkt1sXW_IjhvEX6/view?usp=sharing">https://drive.google.com/file/d/190ZaEB3VQdFIDhHiUmkt1sXW_IjhvEX6/view?usp=sharing</a>	
75.	II/ MEC H	EE8353	Electrical Drives And Controls	Starting Methods	Induction Motor Starters	Mrs.S.Subalakshmi/AP,	<a href="https://drive.google.com/file/d/1Vgq-vqlM4vNytvQrUZC MYRW0Q_MsZFU/view?usp=sharing">https://drive.google.com/file/d/1Vgq-vqlM4vNytvQrUZC MYRW0Q_MsZFU/view?usp=sharing</a>	



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76.	II/ ECE	ORO55 1	Renewable Energy Sources	Solar Energy Storage and Applications	<b>Module 1:</b> Different methods, Sensible, latent heat and stratified storage, Solar ponds	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/5PPTEA3IDKk">https://youtu.be/5PPTEA3IDKk</a>	
77.	II/ ECE	ORO55 1	Renewable Energy Sources	Solar Energy Storage and Applications	<b>Module 2:</b> Solar Applications-Solar heating /cooling technique, Solar distillation and drying	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/yAmD5nTa0ro">https://youtu.be/yAmD5nTa0ro</a>	
78.	II/ ECE	ORO55 1	Renewable Energy Sources	Solar Energy Storage and Applications	<b>Module 3:</b> Photovoltaic energy conversion.	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/sgHyIS7v058">https://youtu.be/sgHyIS7v058</a>	



## **Directorate of Technical Education Tamil Nadu**





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**ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES – REGULATION 2017**






# Unit – IV







**DEPARTMENT OF TECHNICAL EDUCATION**  
**VIDEO LECTURE DETAILS**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

S.No.	Year/ Dept.	Subject code	Subject	Unit IV	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
1.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMA R/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1VVMXRh5WneipXgllrIxrTJjU0PhhpAg/view?usp=sharing">https://drive.google.com/file/d/1VVMXRh5WneipXgllrIxrTJjU0PhhpAg/view?usp=sharing</a>	
2.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMA R/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1XltDoC4ae-0EvCCAUsmnpM8y3YeKfGz/view?usp=sharing">https://drive.google.com/file/d/1XltDoC4ae-0EvCCAUsmnpM8y3YeKfGz/view?usp=sharing</a>	
3.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMA R/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/17uyZ-rs0XvU4cVuCHgQZkT6IsLYbiY/view?usp=sharing">https://drive.google.com/file/d/17uyZ-rs0XvU4cVuCHgQZkT6IsLYbiY/view?usp=sharing</a>	
4.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMA R/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1x3YdlkP5zVb48Ympo_rqjRbdoHy-J7nR/view?usp=sharing">https://drive.google.com/file/d/1x3YdlkP5zVb48Ympo_rqjRbdoHy-J7nR/view?usp=sharing</a>	






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5.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1CvfmiYL5LTzZPL4hwDGly28Jemz4Wwxq/view?usp=sharing">https://drive.google.com/file/d/1CvfmiYL5LTzZPL4hwDGly28Jemz4Wwxq/view?usp=sharing</a>	
6.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1yzfhWQKYhctpmdxzffBBXeghez7_cUIg/view?usp=sharing">https://drive.google.com/file/d/1yzfhWQKYhctpmdxzffBBXeghez7_cUIg/view?usp=sharing</a>	
7.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1kPJEPIcxK2_136AGDFU7RmHFBorpwFUh/vi ew?usp=sharing">https://drive.google.com/file/d/1kPJEPIcxK2_136AGDFU7RmHFBorpwFUh/vi ew?usp=sharing</a>	
8.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1h1mXJmV5MXag2TBRLtSgYBMybXGUjOo8/view?usp=sharing">https://drive.google.com/file/d/1h1mXJmV5MXag2TBRLtSgYBMybXGUjOo8/view?usp=sharing</a>	
9.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1RsIGSAqnsA9TMr8XFnhhT-MSCAO156CO/view?usp=sharing">https://drive.google.com/file/d/1RsIGSAqnsA9TMr8XFnhhT-MSCAO156CO/view?usp=sharing</a>	






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10.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1o4QUsyieJ5NeVU3gRIRNnbbsxGCObPHG/view?usp=sharing">https://drive.google.com/file/d/1o4QUsyieJ5NeVU3gRIRNnbbsxGCObPHG/view?usp=sharing</a>	
11.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1xbkrGRv0veu-4ER127mbjxyBbIQa_Ba/view?usp=sharing">https://drive.google.com/file/d/1xbkrGRv0veu-4ER127mbjxyBbIQa_Ba/view?usp=sharing</a>	
12.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1Hi4YzA8fngVd2fMpIjH_liaiY3ZB6RGg/view?usp=sharing">https://drive.google.com/file/d/1Hi4YzA8fngVd2fMpIjH_liaiY3ZB6RGg/view?usp=sharing</a>	
13.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1HFN_UPWnVS2-NsNIMmTHLUZu3GeZah8Q/view?usp=sharing">https://drive.google.com/file/d/1HFN_UPWnVS2-NsNIMmTHLUZu3GeZah8Q/view?usp=sharing</a>	
14.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1ay9CFM24edAaseisdPi5CXsuxB0Imqyr/view?usp=sharing">https://drive.google.com/file/d/1ay9CFM24edAaseisdPi5CXsuxB0Imqyr/view?usp=sharing</a>	






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15.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1yEJuz81UbyLgzxBMfgde7Lc-dGzrZ1D-/view?usp=sharing">https://drive.google.com/file/d/1yEJuz81UbyLgzxBMfgde7Lc-dGzrZ1D-/view?usp=sharing</a>	
16.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1kYopfR4Ap8fFaiac0CCD6K1IGUUoEr/view?usp=sharing">https://drive.google.com/file/d/1kYopfR4Ap8fFaiac0CCD6K1IGUUoEr/view?usp=sharing</a>	
17.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1bIO2JkmVGcavK2NHeKDCwLaD62arJtg/view?usp=sharing">https://drive.google.com/file/d/1bIO2JkmVGcavK2NHeKDCwLaD62arJtg/view?usp=sharing</a>	
18.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1MwbbIMrTO_OFYvWIOXcw92ejV0IuR7wM/view?usp=sharing">https://drive.google.com/file/d/1MwbbIMrTO_OFYvWIOXcw92ejV0IuR7wM/view?usp=sharing</a>	
19.	II/ EEE	EE8351	Digital Logic Circuits	Asynchronous Sequential Circuits And Programmability Logic Devices	Asynchronous Sequential Circuits	Dr.R.ANANDHAKUMAR/ ASSISTANT PROFESSOR/ anand_r1979@yahoo.com/ 9842565052,	<a href="https://drive.google.com/file/d/1wD24TyW5yR_IZNq88rdETFiXyMfG86UH/view?usp=sharing">https://drive.google.com/file/d/1wD24TyW5yR_IZNq88rdETFiXyMfG86UH/view?usp=sharing</a>	






S.No.	Year/ Dept.	Subject code	Subject	Unit IV	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
20.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Faraday's Law	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=HW6sB2qZQJQ">https://www.youtube.com/watch?v=HW6sB2qZQJQ</a>	
21.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Transformer and Motional Emf	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=ivJr7zn9YrM">https://www.youtube.com/watch?v=ivJr7zn9YrM</a>	
22.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Displacement current	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=ozaJa qMhiGg">https://www.youtube.com/watch?v=ozaJa qMhiGg</a>	
23.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Maxwell's Equations	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=6_iBl tuKX84">https://www.youtube.com/watch?v=6_iBl tuKX84</a>	
24.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Relation between Circuit theory and Field theory	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=hPx IRL4zs7A">https://www.youtube.com/watch?v=hPx IRL4zs7A</a>	
25.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Properties of materials- Conductors	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=Tzz Avp9Lt0U">https://www.youtube.com/watch?v=Tzz Avp9Lt0U</a>	













S.No.	Year/ Dept.	Subject code	Subject	Unit IV	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
26.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Dielectric Polarization- Dielectric Strength	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=8ezZmDYm5XM">https://www.youtube.com/watch?v=8ezZmDYm5XM</a>	
27.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Electrostatic Boundary Conditions	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=5B6Y61CBZLg">https://www.youtube.com/watch?v=5B6Y61CBZLg</a>	
28.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Theory	Poisson's and Laplace Equations-Capacitance	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=98rCG6bWNBo">https://www.youtube.com/watch?v=98rCG6bWNBo</a>	
29.	II/ EEE	EE8301	Electrical Machines-I	D.C. GENERATORS	Constructional details of D.C Generator	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/HDyomI0UXbk">https://youtu.be/HDyomI0UXbk</a>	
30.	II/ EEE	EE8301	Electrical Machines-I	D.C. GENERATORS	Lap And Wave Winding	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/PnbUvcsjxc">https://youtu.be/PnbUvcsjxc</a>	






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31.	II/ EEE	EE8301	Electrical Machines-I	D.C. GENERATORS	E.M.F EQUATION & CLASSIFICATION S OF D.C. GENERATOR	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/YO bD9yshgKo">https://youtu.be/YO bD9yshgKo</a>	
32.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Multistage Amplifier	R.Vinoth Kanna Assistant Professor/ EEE gce.bodi@gmail. com, PH:9443567395	<a href="https://drive.google.com/file/d/1LM4S3U9HWpmYWXudO3aZGgIUSNkwoVd h/view?usp=sharing">https://drive.google.com/file/d/1LM4S3U9HWpmYWXudO3aZGgIUSNkwoVd h/view?usp=sharing</a>	
33.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Tuned Amplifer	R.Vinoth Kanna Assistant Professor/ EEE gce.bodi@gmail. com, PH:9443567395	<a href="https://drive.google.com/file/d/1dJ2KKlr IlnSTsXgBkLI6sA Fx7kBS5Is/view?usp=sharing">https://drive.google.com/file/d/1dJ2KKlr IlnSTsXgBkLI6sA Fx7kBS5Is/view?usp=sharing</a>	
34.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Power Amplifier	R.Vinoth Kanna Assistant Professor/ EEE gce.bodi@gmail. com, PH:9443567395	<a href="https://drive.google.com/file/d/1dJ2KKlr IlnSTsXgBkLI6sA Fx7kBS5Is/view?usp=sharing">https://drive.google.com/file/d/1dJ2KKlr IlnSTsXgBkLI6sA Fx7kBS5Is/view?usp=sharing</a>	
35.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Differential Amplifier Introduction	R.Vinoth Kanna Assistant Professor/ EEE gce.bodi@gmail. com, PH:9443567395	<a href="https://drive.google.com/file/d/14FfFKp JO5iBVoigmq9VaP vrR3VnCIDH0/view?usp=sharing">https://drive.google.com/file/d/14FfFKp JO5iBVoigmq9VaP vrR3VnCIDH0/view?usp=sharing</a>	






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36.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Analysis of Differential Amplifier	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1oiqxmQMS1KnHTM6-RZfPJwIDkhkgkpvE/view?usp=sharing">https://drive.google.com/file/d/1oiqxmQMS1KnHTM6-RZfPJwIDkhkgkpvE/view?usp=sharing</a>	
37.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Negative Feedback Amplifier	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1H4sc8WjOifw-jL3ZQgpaXF24SYFznIU/view?usp=sharing">https://drive.google.com/file/d/1H4sc8WjOifw-jL3ZQgpaXF24SYFznIU/view?usp=sharing</a>	
38.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Oscillator	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1e3Yg4warjbtMqmhtJjxogqIt nTGce28y/view?usp=sharing">https://drive.google.com/file/d/1e3Yg4warjbtMqmhtJjxogqIt nTGce28y/view?usp=sharing</a>	
39.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Introduction To Renewable Energy	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/10hB1GMWB6PwS5vOyyo09diRpdzriBYE3vieu?usp=sharing">https://drive.google.com/file/d/10hB1GMWB6PwS5vOyyo09diRpdzriBYE3vieu?usp=sharing</a>	
40.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Solar energy conversion	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1d37VdJTfpIIS--hvaPDYtBKCFkClSup/view?usp=sharing">https://drive.google.com/file/d/1d37VdJTfpIIS--hvaPDYtBKCFkClSup/view?usp=sharing</a>	

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41.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	I-V characteristics and its equivalent circuit	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1HHCEiBpHZBfoBsQIDbWKRi7AonMVjkZ/view?usp=sharing">https://drive.google.com/file/d/1HHCEiBpHZBfoBsQIDbWKRi7AonMVjkZ/view?usp=sharing</a>	
42.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Parameters of Solar pv cell	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1uAmXjBk7PPjI8yIcMA3g6eMYr--o3oEQ/view?usp=sharing">https://drive.google.com/file/d/1uAmXjBk7PPjI8yIcMA3g6eMYr--o3oEQ/view?usp=sharing</a>	
43.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Layout of Hydroelectric Power plant	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1gUxWXa3feGUhbSr82n97BQLbXmnAFvK8/view?usp=sharing">https://drive.google.com/file/d/1gUxWXa3feGUhbSr82n97BQLbXmnAFvK8/view?usp=sharing</a>	
44.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Classification of hydroelectric power plant	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1_DvHZWbnR7c-FsPRErucbJML8zETpmG3/view?usp=sharing">https://drive.google.com/file/d/1_DvHZWbnR7c-FsPRErucbJML8zETpmG3/view?usp=sharing</a>	
45.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Water turbines	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1lqnpDKiGS-JZDrgjsAh3e5hN6ruuchvT/view?usp=sharing">https://drive.google.com/file/d/1lqnpDKiGS-JZDrgjsAh3e5hN6ruuchvT/view?usp=sharing</a>	



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46.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Classification of water turbines	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1x85Q8F5Hdb1Zn1Dx19ybrywR_ToHzjV/view?usp=sharing">https://drive.google.com/file/d/1x85Q8F5Hdb1Zn1Dx19ybrywR_ToHzjV/view?usp=sharing</a>	
47.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Introduction to biomass and its conversion process	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/11SANA Gcn6fHXrU0zViyAmcSd6foD84sM/view?usp=sharing">https://drive.google.com/file/d/11SANA Gcn6fHXrU0zViyAmcSd6foD84sM/view?usp=sharing</a>	
48.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Classification Biogas plant	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1JKZwlepDtYC3x3LJrdGbiNFX_8s3pAOW/view?usp=sharing">https://drive.google.com/file/d/1JKZwlepDtYC3x3LJrdGbiNFX_8s3pAOW/view?usp=sharing</a>	
49.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Introduction and types geothermal resources	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1WuOkehJM8wwz9gtU8a3rAFqFAVw5f5q4/view?usp=sharing">https://drive.google.com/file/d/1WuOkehJM8wwz9gtU8a3rAFqFAVw5f5q4/view?usp=sharing</a>	
50.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Hydrothermal resources and its types	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1bK_uFeu5-Npxg6kU0ZhfHHvoRzTGg0K/view?usp=sharing">https://drive.google.com/file/d/1bK_uFeu5-Npxg6kU0ZhfHHvoRzTGg0K/view?usp=sharing</a>	







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51.	II/ EEE	ME8792	Power Plant Engineering	Introduction To Renewable Energy	Wind Energy and types of wind turbines	M. Bhavani/ Assistant Professor/	<a href="https://drive.google.com/file/d/1ISOwBnIyv6TjUuw8xBRrp4Meb9Hxqo6/view?usp=sharing">https://drive.google.com/file/d/1ISOwBnIyv6TjUuw8xBRrp4Meb9Hxqo6/view?usp=sharing</a>	
52.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	UNSYMMETRICAL FAULTS	Unsymmetrical Sequence Introduction	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://www.youtube.com/watch?v=MQsOMv4Jxk8&amp;t=457s">https://www.youtube.com/watch?v=MQsOMv4Jxk8&amp;t=457s</a>	
53.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	UNSYMMETRICAL FAULTS	Sequence Impedance in Unsymmetrical Faults	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://www.youtube.com/watch?v=hjA82OBj2M0">https://www.youtube.com/watch?v=hjA82OBj2M0</a>	
54.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	UNSYMMETRICAL FAULTS	Types of Faults	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://www.youtube.com/watch?v=Vp0vDC7epfE">https://www.youtube.com/watch?v=Vp0vDC7epfE</a>	
55.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	8255 Programmable Peripheral Interface	Dr.M.KALPANADEVI, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/JiJoWvbMiIk">https://youtu.be/JiJoWvbMiIk</a>	






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56.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	8259 Programmable Interrupt Controller	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/IzOn9pMMfuc">https://youtu.be/IzOn9pMMfuc</a>	
57.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	8254 Programmable Interval Timer	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/6YmppfcNQbA">https://youtu.be/6YmppfcNQbA</a>	
58.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	8279 Programmable Keyboard & Display Interface	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/dhYvt4_PvoI">https://youtu.be/dhYvt4_PvoI</a>	
59.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	8251 USART (Universal Asynchronous Synchronous Receiver Transmitter	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/X93gC_H8Ofg">https://youtu.be/X93gC_H8Ofg</a>	
60.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	8237 DMA Controller	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/RR1eyXuBY0o">https://youtu.be/RR1eyXuBY0o</a>	






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61.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	PERIPHERAL INTERFACING	ADC and DAC	Dr.M.KALPANADEVI, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/H01LiwafbzA">https://youtu.be/H01LiwafbzA</a>	
62.	III/ EEE	EE8552	Power Electronics	. Three phase VSI	. Three phase VSI-180 degree mode	M.NANDHINI, AP/ EEE nandhini92eee@gmail.com 9500353796	<a href="https://youtu.be/3qTX0iyE75s">https://youtu.be/3qTX0iyE75s</a>	
63.	III/ EEE	EE8552	Power Electronics	. Three phase VSI	. Three phase VSI-120 degree mode	M.VISHALAKSHI, AP/ EEE vmunuswamy3@gmail.com 9003417212	<a href="https://www.youtube.com/watch?v=wckuNUx9KaQ">https://www.youtube.com/watch?v=wckuNUx9KaQ</a>	
64.	III/ EEE	EE8552	Power Electronics	. Three phase VSI	.PWM Technique-Sinusoidal PWM	M.NANDHINI, AP/ EEE nandhini92eee@gmail.com 9500353796	<a href="https://youtu.be/ZRI T9c1f7mQ">https://youtu.be/ZRI T9c1f7mQ</a>	
65.	III/ EEE	EE8552	Power Electronics	. Three phase VSI	. PWM Technique-Multi PWM	M.VISHALAKSHI, AP/ EEE vmunuswamy3@gmail.com 9003417212	<a href="https://youtu.be/Ig1RC0pNZqM">https://youtu.be/Ig1RC0pNZqM</a>	













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66.	III/ EEE	EE8552	Power Electronics	. Three phase VSI	. Application of Inverter -UPS	M.NANDHINI, AP/ EEE nandhini92eee@gmail.com 9500353796	<a href="https://youtu.be/mfLBvKNVB3M">https://youtu.be/mfLBvKNVB3M</a>	
67.	III/ EEE	OMD551	Basics of Biomedical Instrumentations	. Three phase VSI	Measurement of Temperature and Respiration rate	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=YQrf_0-w2n8&amp;t=65s">https://www.youtube.com/watch?v=YQrf_0-w2n8&amp;t=65s</a>	
68.	III/ EEE	OMD551	Basics of Biomedical Instrumentations	Measurement of pulse rate	Measurement of pulse rate and Blood pressure	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=6Nh2UUxUCrs">https://www.youtube.com/watch?v=6Nh2UUxUCrs</a>	
69.	III/ EEE	OMD551	Basics of Biomedical Instrumentations	Measurement of pulse rate	Measurement of Blood flow	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=7Ay2rFDZBX8">https://www.youtube.com/watch?v=7Ay2rFDZBX8</a>	
70.	III/ EEE	OMD551	Basics of Biomedical Instrumentations	Measurement of pulse rate	Cardiac Output Measurement	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=9yhwisX68so">https://www.youtube.com/watch?v=9yhwisX68so</a>	






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71.	III/ EEE	OAN55 1	SENSORS AND TRANSDUCERS	Sensors And Transducers	Sensors And Transducers	M.SIVASUBRAMANI/ ASSISTANT PROFESSOR/ pgpshiva@gmail.com, GCE THANJAVUR /9944575643	<a href="https://drive.google.com/file/d/1C8SXq61QFs6Ac4pJsosCz0xp0B4PN53W/view?usp=drivesdk">https://drive.google.com/file/d/1C8SXq61QFs6Ac4pJsosCz0xp0B4PN53W/view?usp=drivesdk</a>	
72.	IV/ EEE	EE8701	High Voltage Engineering	MEASUREMENT OF HIGH VOLTAGES AND HIGH CURRENTS	Measurement of high DC voltages	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/rvLhvOC2AT0">https://youtu.be/rvLhvOC2AT0</a>	
73.	IV/ EEE	EE8701	High Voltage Engineering	MEASUREMENT OF HIGH VOLTAGES AND HIGH CURRENTS	Spark gaps	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/Y1-nvWnxHpY">https://youtu.be/Y1-nvWnxHpY</a>	
74.	IV/ EEE	EE8701	High Voltage Engineering	MEASUREMENT OF HIGH VOLTAGES AND HIGH CURRENTS	Measurement of high AC and impulse voltages	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/yyUzk-QE1HA">https://youtu.be/yyUzk-QE1HA</a>	
75.	IV/ EEE	EE8701	High Voltage Engineering	MEASUREMENT OF HIGH VOLTAGES AND HIGH CURRENTS	Measurement of impulse voltages and currents	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/i52-dKHqkc">https://youtu.be/i52-dKHqkc</a>	
76.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Statement of economic dispatch problem, Input and output characteristics of thermal plant, Incremental cost curve	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/12jKBey7vx8KMACKfXW8cPJsYfJL3U1B9/view?usp=sharing">https://drive.google.com/file/d/12jKBey7vx8KMACKfXW8cPJsYfJL3U1B9/view?usp=sharing</a>	




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77.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Optimal operation of thermal units without and with transmission losses	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/1vn9yWd0DdT2YbAdUPcoD0ZetToHVLjtt/view?usp=sharing">https://drive.google.com/file/d/1vn9yWd0DdT2YbAdUPcoD0ZetToHVLjtt/view?usp=sharing</a>	
78.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Base point and participation factors method.	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/1pc2jd4b_bIJfvAa6MdKrV4lF_dG7GxMV/view?usp=sharing">https://drive.google.com/file/d/1pc2jd4b_bIJfvAa6MdKrV4lF_dG7GxMV/view?usp=sharing</a>	
79.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Tutorials in Economic load dispatch	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/1WfP10wzipoIEO57SgsL4tPkIdp_eEip0/view?usp=sharing">https://drive.google.com/file/d/1WfP10wzipoIEO57SgsL4tPkIdp_eEip0/view?usp=sharing</a>	
80.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Unit commitment	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/1fiv3kBwIKUpQb_nG6JkE9WK8QdSXA6o/view?usp=sharing">https://drive.google.com/file/d/1fiv3kBwIKUpQb_nG6JkE9WK8QdSXA6o/view?usp=sharing</a>	
81.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Special aspects of short term and long term hydrothermal problems	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/1f3-5fTEXxNfphYJEurpHM9V2OcsyFSKk/view?usp=sharing">https://drive.google.com/file/d/1f3-5fTEXxNfphYJEurpHM9V2OcsyFSKk/view?usp=sharing</a>	

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82.	IV/ EEE	EE8702	Power System operation and control	Economic operation of power system	Special aspects of short term and long term hydrothermal problems	Dr. M. ABIRAMI, ASSISTANT PROFESSOR/ EEE, barath_mabi@rediffmail.com, 9944373340	<a href="https://drive.google.com/file/d/1zQRd-Ry3G4x-ClnkB-X7K910-x1W2HCy/view?usp=sharing">https://drive.google.com/file/d/1zQRd-Ry3G4x-ClnkB-X7K910-x1W2HCy/view?usp=sharing</a>	
83.	IV/ EEE	EE8703	Renewable Energy Systems	Introduction-Bio mass resources	Introduction-Bio mass resources –Energy from Bio mass: conversion processes	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakanur	<a href="https://drive.google.com/file/d/1XxvIBO0eWH9ueGsklvRX XCF7hZyIIfs2/view?usp=sharing">https://drive.google.com/file/d/1XxvIBO0eWH9ueGsklvRX XCF7hZyIIfs2/view?usp=sharing</a>	
84.	IV/ EEE	EE8703	Renewable Energy Systems	Introduction-Bio mass resources	Biomass Cogeneration-Environmental Benefits. Geothermal Energy: Basics, Direct Use, Geothermal Electricity.	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakanur	<a href="https://drive.google.com/file/d/1LGBJ2ftUD_G25iqR6ltm8-c_3iCJDgSW/view?usp=sharing">https://drive.google.com/file/d/1LGBJ2ftUD_G25iqR6ltm8-c_3iCJDgSW/view?usp=sharing</a>	
85.	IV/ EEE	EE8703	Renewable Energy Systems	Introduction-Bio mass resources	Mini/micro hydro power: Classification of hydropower schemes, Classification of water turbine	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakanur	<a href="https://drive.google.com/file/d/16LFPyCC5e9SdIUczKH_FqB3AvLnirJT-/view?usp=sharing">https://drive.google.com/file/d/16LFPyCC5e9SdIUczKH_FqB3AvLnirJT-/view?usp=sharing</a>	
86.	IV/ EEE	EE8703	Renewable Energy Systems	Introduction-Bio mass resources	Turbine theory, Essential components of hydroelectric system.	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakanur	<a href="https://drive.google.com/file/d/1QUIzTweo92EnbR_SZGaYbBswzKaxJq_3/vi ew?usp=sharing">https://drive.google.com/file/d/1QUIzTweo92EnbR_SZGaYbBswzKaxJq_3/vi ew?usp=sharing</a>	

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87.	IV/ EEE	EE8010	Power System Transients	Transient Response of the system	Transient Response of the system with Series and shunt Lumped Parameters And Distributed Lines	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/ytZ7-TZVWqE">https://youtu.be/ytZ7-TZVWqE</a>	
88.	IV/ EEE	EE8010	Power System Transients	Transient Response of the system	Reflection And Refraction Of Travelling Waves	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/ruCM_j8RRBg">https://youtu.be/ruCM_j8RRBg</a>	
89.	IV/ EEE	EE8010	Power System Transients	Transient Response of the system	BEWLEY'S LATTICE DIAGRAM - 1	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/H2BkZPHjqpw">https://youtu.be/H2BkZPHjqpw</a>	
90.	IV/ EEE	GE8074	Human rights	Human Rights In India	History Of Development Of Human Rights In India	S.SURESH KUMAR, AP[ADHOC]/EEE, GCE - SRIRANGAM, sureshneyan@gmail.com, 7010206933	<a href="https://youtu.be/t0wbNvLbqdw">https://youtu.be/t0wbNvLbqdw</a>	
91.	IV/ EEE	GE8074	Human rights	Human Rights In India	Constitutional Provisions For Human Rights In India	S.SURESH KUMAR, AP[ADHOC]/EEE, GCE - SRIRANGAM, sureshneyan@gmail.com, 7010206933	<a href="https://youtu.be/rfftnx3JC9k">https://youtu.be/rfftnx3JC9k</a>	

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92.	IV/ EEE	GE8074	Human rights	Human Rights In India	Constitutional Remedies And Directive Principles	S.SURESH KUMAR, AP[ADHOC]/EEE, GCE - SRIRANGAM, sureshneyan@gmail.com, 7010206933	<a href="https://youtu.be/tRqQRlYoUpk">https://youtu.be/tRqQRlYoUpk</a>	
93.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	Introduction to SRM- construction and Principle of working	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1QSmP366374XWbSFskM72HuPh3z_PXcKN/view?usp=sharing">https://drive.google.com/file/d/1QSmP366374XWbSFskM72HuPh3z_PXcKN/view?usp=sharing</a>	
94.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	SRM Design	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1uoNIss35Z_J4nOueRtzJmORBCSPAxTZo/view?usp=sharing">https://drive.google.com/file/d/1uoNIss35Z_J4nOueRtzJmORBCSPAxTZo/view?usp=sharing</a>	
95.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	Speed control of SRM Machine using current control	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1LlpSHvxFhKAXJ-1ZzSsLZJ6XsLwskVJg">https://drive.google.com/file/d/1LlpSHvxFhKAXJ-1ZzSsLZJ6XsLwskVJg</a>	
96.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	Speed control of SRM Machine using Flux control and Torque control	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/18Gk-vOyFxq7rwXOz3yvrHsMTe0G9Ni91/vi ew?usp=sharing">https://drive.google.com/file/d/18Gk-vOyFxq7rwXOz3yvrHsMTe0G9Ni91/vi ew?usp=sharing</a>	

S.No.	Year/ Dept.	Subject code	Subject	Unit IV	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
97.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	Introduction to PMBLDC -construction and Principle of working	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1td7dYHVdSNiVe4gGPmzoUZKg9nb5Ibk1/view?usp=sharing">https://drive.google.com/file/d/1td7dYHVdSNiVe4gGPmzoUZKg9nb5Ibk1/view?usp=sharing</a>	
98.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	Sensing, Switching, sinusoidal and trapezoidal PMBLDC MOTORS	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1VIB4C304WStARw2BCUXVcDta4UoOEcFZ/view?usp=sharing">https://drive.google.com/file/d/1VIB4C304WStARw2BCUXVcDta4UoOEcFZ/view?usp=sharing</a>	
99.	IV/ EEE	EE8009	Control of Electrical Drives	CONTROL OF SRM AND BLDC MOTOR DRIVES	Speed control of PMBLDC Machine using current control	K.RAJARAMAN/ AP[ADHOC]/EEE, GCE - SRIRANGAM	<a href="https://drive.google.com/file/d/1AdsB4ZsNUIuOismQxGk7oYWmLvUcCjPF/view?usp=sharing">https://drive.google.com/file/d/1AdsB4ZsNUIuOismQxGk7oYWmLvUcCjPF/view?usp=sharing</a>	
100.	II/ MECH	EE8353	Electrical Drives And Controls	Conventional And Solid State Speed Control Of D.C. Drives	Speed control of DC Shunt Motor	Mr.M.Arunkumar	<a href="https://wwwloom.com/share/78d800437b0f40d29944d75d5df4aad9">https://wwwloom.com/share/78d800437b0f40d29944d75d5df4aad9</a>	
101.	II/ MECH	EE8353	Electrical Drives And Controls	Conventional And Solid State Speed Control Of D.C. Drives	Speed control of DC Series Motor and Ward-Leonard control system	Mr.M.Arunkumar	<a href="https://wwwloom.com/share/a6f959b2a33c4b5fa698eb576ec97394">https://wwwloom.com/share/a6f959b2a33c4b5fa698eb576ec97394</a>	

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102.	II/ MEC H	EE8353	Electrical Drives And Controls	Conventional And Solid State Speed Control Of D.C. Drives	Controlled Rectifier	Mr.M.Arunkumar	<a href="https://www.loom.com/share/d010cf3c2796404980f0b7801056d97e">https://www.loom.com/share/d010cf3c2796404980f0b7801056d97e</a>	
103.	II/ MEC H	EE8353	Electrical Drives And Controls	Conventional And Solid State Speed Control Of D.C. Drives	Dc Chopper and its Application	Mr.M.Arunkumar	<a href="https://www.loom.com/share/1134bcdf e6646aa8175c2fd847a29e8">https://www.loom.com/share/1134bcdf e6646aa8175c2fd847a29e8</a>	
104.	II/ ECE	ORO55 1	Renewable Energy Sources	Wind Energy and Bio-mass	<b>Module 1:</b> Wind Energy: sources and potentials, horizontal and vertical axis windmills, performance characteristics, Betz criteria	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/xpeCEyqsi3w">https://youtu.be/xpeCEyqsi3w</a>	





## **Directorate of Technical Education Tamil Nadu**






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**ANNA UNIVERSITY AFFILIATED GOVERNMENT ENGINEERING COLLEGES – REGULATION 2017**






# Unit – V






**DEPARTMENT OF TECHNICAL EDUCATION**  
**VIDEO LECTURE DETAILS**  
**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**






S.No.	Year/ Dept.	Subject code	Subject	Unit V	Sub title	Faculty Name/Desig./email id/ mob.no	Video Link (google Drive)	QR Code
1.	II/ EEE	EE8351	Digital Logic Circuits	VHDL	Introduction of HDL	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcetj@gmail.com">prakashgcetj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1tHgO61u3tTbQ1sbBPewQFVwRt6N7COY4/view?usp=sharing">https://drive.google.com/file/d/1tHgO61u3tTbQ1sbBPewQFVwRt6N7COY4/view?usp=sharing</a>	
2.	II/ EEE	EE8351	Digital Logic Circuits	VHDL	Introduction of VHDL	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcetj@gmail.com">prakashgcetj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1hIz_jasRLrlnZqk6XKBijF5vL5RYnxle/view?usp=sharing">https://drive.google.com/file/d/1hIz_jasRLrlnZqk6XKBijF5vL5RYnxle/view?usp=sharing</a>	
3.	II/ EEE	EE8351	Digital Logic Circuits	VHDL	VHDL coding for sequential circuits	Dr.P.S.PRAKASH Assistant Professor <a href="mailto:prakashgcetj@gmail.com">prakashgcetj@gmail.com</a> 986274443	<a href="https://drive.google.com/file/d/1hIz_jasRLrlnZqk6XKBijF5vL5RYnxle/view?usp=sharing">https://drive.google.com/file/d/1hIz_jasRLrlnZqk6XKBijF5vL5RYnxle/view?usp=sharing</a>	
4.	II/ EEE	EE8351	Digital Logic Circuits	VHDL	VHDL coding for sequential circuits	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmail.com, 9047297197	<a href="https://drive.google.com/file/d/1B3gI-pVRbzChkrJ7qxjIvX6bWx6i51cV/view?usp=sharing">https://drive.google.com/file/d/1B3gI-pVRbzChkrJ7qxjIvX6bWx6i51cV/view?usp=sharing</a>	
5.	II/ EEE	EE8351	Digital Logic Circuits	VHDL	VHDL coding for sequential circuits	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmail.com, 9047297197	<a href="https://drive.google.com/file/d/15k_jK0Crig51xTN8xiZrBwG9zgg-Y38n/view?usp=sharing">https://drive.google.com/file/d/15k_jK0Crig51xTN8xiZrBwG9zgg-Y38n/view?usp=sharing</a>	

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6.	II/ EEE	EE8351	Digital Logic Circuits	VHDL	VHDL coding for combinational circuits	Dr.C.MAHALAKSHMI, ASSOCIATE PROFESSOR(CAS), mahalakshmiaueee@gmail.com, 9047297197	<a href="https://drive.google.com/file/d/17_7UGKPwn_yEQ9RpTulWIHDKaJpBJhn_/view?usp=sharing">https://drive.google.com/file/d/17_7UGKPwn_yEQ9RpTulWIHDKaJpBJhn_/view?usp=sharing</a>	
7.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Wave Equations	Electromagnetic Wave Equations-Wave Parameters: Velocity, Intrinsic Impedance, Propagation Constant	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=uMiNOq-F_fm">https://www.youtube.com/watch?v=uMiNOq-F_fm</a>	
8.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Wave Equations	Wave Propagation in lossy dielectrics	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=nFQPXKlvhg">https://www.youtube.com/watch?v=nFQPXKlvhg</a>	
9.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Wave Equations	Wave Propagation in lossless dielectrics, free space and good conductors-Skin depth	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=cyWpPSQ-03k">https://www.youtube.com/watch?v=cyWpPSQ-03k</a>	
10.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Wave Equations	Poynting's Vector and Poynting's Theorem	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=CpIVpMNnA2I">https://www.youtube.com/watch?v=CpIVpMNnA2I</a>	






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11.	II/ EEE	EE8391	Electromagnetic Theory	Electromagnetic Wave Equations	Plane wave Reflection	Dr.A.Thangaraj, Assistant Professor/EEE, amuthangam@gmail.com, 9489940850	<a href="https://www.youtube.com/watch?v=0wdS3tU3QBY">https://www.youtube.com/watch?v=0wdS3tU3QBY</a>	
12.	II/ EEE	EE8301	Electrical Machines-I	D.C. MOTORS	Principle of operation, Classifications, Voltage and Current equations, Significance of Back E.M.F and Torque Expression of D.C.Motor	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/JQSBeuO_mFE">https://youtu.be/JQSBeuO_mFE</a>	
13.	II/ EEE	EE8301	Electrical Machines-I	D.C. MOTORS	Characteristics of D.C.Motor, Torque Vs Armature Current,Speed Vs Armature Current, Speed Vs Torque Characteristics of D.C. Shunt Series and Compound Motor	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/-PQI89VapBQ">https://youtu.be/-PQI89VapBQ</a>	
14.	II/ EEE	EE8301	Electrical Machines-I	D.C. MOTORS	Necessity of Starters, Different types of Starters with its limitations and merits	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/OvU9mHCSn0s">https://youtu.be/OvU9mHCSn0s</a>	
15.	II/ EEE	EE8301	Electrical Machines-I	D.C. MOTORS	Speed Control of D.C. Motors, Electric Braking of D.C. Motor.	Mr.S.Nirmalkumar, Assistant Professor	<a href="https://youtu.be/K4n7YoOucCQ">https://youtu.be/K4n7YoOucCQ</a>	






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16.	II/ EEE	EC8353	Electron devices and circuits	Amplifier	Negative Feedback Amplifier	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1H4sc8W-iQ1fw-jL3ZOgpaXF24SYFzn1IU/view?usp=sharing">https://drive.google.com/file/d/1H4sc8W-iQ1fw-jL3ZOgpaXF24SYFzn1IU/view?usp=sharing</a>	
17.	II/ EEE	EC8353	Electron devices and circuits	Oscillator	Oscillator	Dr.M.Murugan Assistant Professor/ EEE Government College of Engineering, Bodinayakkanur marimurugan81@gmail.com PH: 7010289643	<a href="https://drive.google.com/file/d/1e3Yg4warjbtMqmhTjxogqLtnTGce28y/view?usp=sharing">https://drive.google.com/file/d/1e3Yg4warjbtMqmhTjxogqLtnTGce28y/view?usp=sharing</a>	
18.	II/ EEE	ME8792	Power Plant Engineering	Energy, Economic And Environmental Issues Of Powerplant	POWER TARIFF TYPES	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290	<a href="https://drive.google.com/file/d/164fRMpTxv3tO0-9NfrsRk5mmG9EY7w/view?usp=sharing">https://drive.google.com/file/d/164fRMpTxv3tO0-9NfrsRk5mmG9EY7w/view?usp=sharing</a>	
19.	II/ EEE	ME8792	Power Plant Engineering	Energy, Economic And Environmental Issues Of Powerplant	LOAD CURVE AND LOAD DURATION CURVE	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290	<a href="https://drive.google.com/file/d/1iBogbZ99LKG6kxnOiP_t2RLVdCQjsEbM/view?usp=sharing">https://drive.google.com/file/d/1iBogbZ99LKG6kxnOiP_t2RLVdCQjsEbM/view?usp=sharing</a>	
20.	II/ EEE	ME8792	Power Plant Engineering	Energy, Economic And Environmental Issues Of Powerplant	ECONOMICS OF POWER PLANT	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290	<a href="https://drive.google.com/file/d/1B-wgVvlioVFbfPRpCFqX5QMSdHUWXwJb/view?usp=sharing">https://drive.google.com/file/d/1B-wgVvlioVFbfPRpCFqX5QMSdHUWXwJb/view?usp=sharing</a>	






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21.	II/ EEE	ME8792	Power Plant Engineering	Energy, Economic And Environmental Issues Of Powerplant	SITE SELECTION CRITERIA FOR POWER PLANTS	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290	<a href="https://drive.google.com/file/d/1YPCmx8ZjuQQjOruMa2lPem4js3e_cxPp/view?usp=sharing">https://drive.google.com/file/d/1YPCmx8ZjuQQjOruMa2lPem4js3e_cxPp/view?usp=sharing</a>	
22.	II/ EEE	ME8792	Power Plant Engineering	Energy, Economic And Environmental Issues Of Powerplant	POLLUTION CONTROL TECHNOLOGIES IN POWER PLANT[5]. POLLUTION CONTROL TECHNOLOGIES IN POWER PLANT	R.BRINDA, AP/EEE, rbrinda7971@yahoo.co.in , 9994174290	<a href="https://drive.google.com/file/d/1difDH7gFkQQXDzCVtvUn9mB6Q2HB-4oN/view?usp=sharing">https://drive.google.com/file/d/1difDH7gFkQQXDzCVtvUn9mB6Q2HB-4oN/view?usp=sharing</a>	
23.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	STABILITY ANALYSIS	Basics of stability & types, Dynamics of synchronous rotor, Swing Equation	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/SZRQ7nzMcWc">https://youtu.be/SZRQ7nzMcWc</a>	
24.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	STABILITY ANALYSIS	Transient state stability Equal area criterion, Clearing angle and Clearing time	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/MdBrNHvCly0">https://youtu.be/MdBrNHvCly0</a>	
25.	III/ EEE	EE8501	POWER SYSTEM ANALYSIS	STABILITY ANALYSIS	Point –by point method, Methods of improving transient stability, Problems (swing equation)	R.Sudha, AP/ EEE gosudha@gmail.com 9486135780	<a href="https://youtu.be/pn71cywC8KI">https://youtu.be/pn71cywC8KI</a>	






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26.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	MICROCONTROLLER PROGRAMMING AND APPLICATIONS	Simple Programming Exercises, Keyboard and Display Interface	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/84pMESxwfus">https://youtu.be/84pMESxwfus</a>	
27.	III/ EEE	EE8551	MICROPROCESSORS AND MICROCONTROLLERS	MICROCONTROLLER PROGRAMMING AND APPLICATIONS	Control of Servo motor, Stepper motor Control and Application to Automation System	Dr.M.KALPANADEV I, ASSISTANT PROFESSOR, sharikka09@yahoo.com, 9488528641	<a href="https://youtu.be/18-ATC3JZAs">https://youtu.be/18-ATC3JZAs</a>	
28.	III/ EEE	EE8552	Power Electronics	AC TO AC CONVERTER	Ac Voltage Controller And Cycloconverter	P.SAKTHIVEL, AP/ EEE sakthiaec76@gmail.com 9789280086	<a href="https://youtu.be/GlojeZGAc0o">https://youtu.be/GlojeZGAc0o</a>	
29.	III/ EEE	OMD551	Basics of Biomedical Instrumentations	Blood gas analyzers	Blood gas analyzers, Colorimeter	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=o4GmQ4EyrvI&amp;t=31s">https://www.youtube.com/watch?v=o4GmQ4EyrvI&amp;t=31s</a>	
30.	III/ EEE	OMD551	Basics of Biomedical Instrumentations	Blood gas analyzers	Sodium Potassium Analyzer, Spectrophotometer	K.Thanga Ranjitham, TAP/EEE, thangaranjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=wJEG0JS49jM">https://www.youtube.com/watch?v=wJEG0JS49jM</a>	













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31.	III/ EEE	OMD55 1	Basics of Biomedical Instrumentations	Blood gas analyzers	Blood cell counter, Auto analyzer	K.Thanga Ranjitham, TAP/EEE, thangananjitham@gmail.com, 8940946010.	<a href="https://www.youtube.com/watch?v=xTE4QvyGvbY">https://www.youtube.com/watch?v=xTE4QvyGvbY</a>	
32.	III/ EEE	OAN55 1	SENSORS AND TRANSDUCERS	Blood gas analyzers	Blood gas analyzers	M.SIVASUBRAMANI/ ASSISTANT PROFESSOR/ pgpshiva@gmail.com, GCE THANJAVUR /9944575643	<a href="https://drive.google.com/file/d/1C3O_qAzJXOu-ZKPt18-r5VwSJuNTTpE4/vi ew?usp=drivesdk">https://drive.google.com/file/d/1C3O_qAzJXOu-ZKPt18-r5VwSJuNTTpE4/vi ew?usp=drivesdk</a>	
33.	IV/ EEE	EE8701	High Voltage Engineering	High Voltage Testing & Insulation Coordination	Terms used in standards	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/1DcnFZwLrSI">https://youtu.be/1DcnFZwLrSI</a>	
34.	IV/ EEE	EE8701	High Voltage Engineering	High Voltage Testing & Insulation Coordination	Testing of Insulators	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/L_YT6xpRn-I">https://youtu.be/L_YT6xpRn-I</a>	
35.	IV/ EEE	EE8701	High Voltage Engineering	High Voltage Testing & Insulation Coordination	Testing of Bushings	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/PpSVx688IKY">https://youtu.be/PpSVx688IKY</a>	



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36.	IV/ EEE	EE8701	High Voltage Engineering	High Voltage Testing & Insulation Coordination	Testing of Isolators and Circuit Breakers	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/o4Q7PH9uyfg">https://youtu.be/o4Q7PH9uyfg</a>	
37.	IV/ EEE	EE8701	High Voltage Engineering	High Voltage Testing & Insulation Coordination	Testing of Transformers and Insulation Coordination	Dr. V.P. Sakthivel Assistant Professor	<a href="https://youtu.be/ORXnHtZmSRU">https://youtu.be/ORXnHtZmSRU</a>	
38.	IV/ EEE	EE8702	Power System operation and control	Ned of computer control	Ned of computer control of power systems	Dr. M.R.SATHYA, ASSISTANT PROFESSOR/ EEE, <a href="mailto:mrsathyaa@gces.edu.in">mrsathyaa@gces.edu.in</a> 9976996173	<a href="https://drive.google.com/file/d/1ku2Aw3KtFh10plFyhnzhOuqIcaw6dO7I/view?usp=sharing">https://drive.google.com/file/d/1ku2Aw3KtFh10plFyhnzhOuqIcaw6dO7I/view?usp=sharing</a>	
39.	IV/ EEE	EE8702	Power System operation and control	Ned of computer control	Phasor measurement unit	Dr. M.R.SATHYA, ASSISTANT PROFESSOR/ EEE, <a href="mailto:mrsathyaa@gces.edu.in">mrsathyaa@gces.edu.in</a> 9976996173	<a href="https://drive.google.com/file/d/15CtXsoJCj86tJFe61mWfM7UoWELjv1dB/view?usp=sharing">https://drive.google.com/file/d/15CtXsoJCj86tJFe61mWfM7UoWELjv1dB/view?usp=sharing</a>	
40.	IV/ EEE	EE8702	Power System operation and control	Ned of computer control	Concept of energy control centers and functions (Energy Management System & Energy Control Centre or Systems Control Centre)	Dr. M.R.SATHYA, ASSISTANT PROFESSOR/ EEE, <a href="mailto:mrsathyaa@gces.edu.in">mrsathyaa@gces.edu.in</a> 9976996173	<a href="https://drive.google.com/file/d/1nRnD6wIs7x-RJJiE2ckeV48M03dDKXAO/view?usp=sharing">https://drive.google.com/file/d/1nRnD6wIs7x-RJJiE2ckeV48M03dDKXAO/view?usp=sharing</a>	

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41.	IV/ EEE	EE8703	Renewable Energy Systems	Tidal Energy	Tidal Energy: Energy from the tides, Barrage and Non Barrage Tidal power systems. Wave Energy: Energy from waves, wave power devices.	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://drive.google.com/file/d/1NtAfO-QrsQHijyH8JF1lafWWZxS_8ZHU/view?usp=sharing">https://drive.google.com/file/d/1NtAfO-QrsQHijyH8JF1lafWWZxS_8ZHU/view?usp=sharing</a>	
42.	IV/ EEE	EE8703	Renewable Energy Systems	Tidal Energy	Ocean Thermal Energy Conversion (OTEC)- Hydrogen Production and Storage, Energy Storage System	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://drive.google.com/file/d/1IG15M-UtErIv52f-5I7JTAx1UUrdfpIS/view?usp=sharing">https://drive.google.com/file/d/1IG15M-UtErIv52f-5I7JTAx1UUrdfpIS/view?usp=sharing</a>	
43.	IV/ EEE	EE8703	Renewable Energy Systems	Tidal Energy	Fuel cell: Principle of working- various types - construction and applications. - Hybrid Energy Systems	N.V.Uma Maheswari AP/EEE nvumaeee@gmail.com, 9786002634, GCE, Bodinayakkanur	<a href="https://drive.google.com/file/d/1xbmVOauwPxXIRBQdYq7IkDYphDoVE6S8/view?usp=sharing">https://drive.google.com/file/d/1xbmVOauwPxXIRBQdYq7IkDYphDoVE6S8/view?usp=sharing</a>	
44.	IV/ EEE	GE8074	Human rights	Human rights	.HR against child, Aged..	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445	<a href="https://drive.google.com/file/d/1B0T1vmiFOT7z2_RE4prdfhmD9mgmcfHz/view?usp=sharing">https://drive.google.com/file/d/1B0T1vmiFOT7z2_RE4prdfhmD9mgmcfHz/view?usp=sharing</a>	
45.	IV/ EEE	GE8074	Human rights	Human rights	.HR against Disability, HIV..	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445	<a href="https://drive.google.com/file/d/1iUFFSMztEt1qnqQCd74EpN SHAJAKdC4/view?usp=sharing">https://drive.google.com/file/d/1iUFFSMztEt1qnqQCd74EpN SHAJAKdC4/view?usp=sharing</a>	

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46.	IV/ EEE	GE8074	Human rights	Human rights	.National & State HR commission.	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445	<a href="https://drive.google.com/file/d/18SovMpGf7u9dZ5fIP8answeNRhAYYKZe/view?usp=sharing">https://drive.google.com/file/d/18SovMpGf7u9dZ5fIP8answeNRhAYYKZe/view?usp=sharing</a>	
47.	IV/ EEE	GE8074	Human rights	Human rights	.National & State HR commission.	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445,	<a href="https://drive.google.com/file/d/1gli9yqQiyfSBtZ4N8m27RcGWwj7RuB5v/view?usp=sharing">https://drive.google.com/file/d/1gli9yqQiyfSBtZ4N8m27RcGWwj7RuB5v/view?usp=sharing</a>	
48.	IV/ EEE	GE8074	Human rights	Human rights	.NGOS	Dr. T. A. RAMESHKUMAR, Assistant Professor, <a href="mailto:tarpagutharivu@gmail.com">tarpagutharivu@gmail.com</a> , 9486432445,	<a href="https://drive.google.com/file/d/1WRJ8DesQDhvX-B0LAOg3auOgWzP5eSCG/view?usp=sharing">https://drive.google.com/file/d/1WRJ8DesQDhvX-B0LAOg3auOgWzP5eSCG/view?usp=sharing</a>	
49.	IV/ EEE	EE8010	Power System Transients	Power System Transients	Short Line (or) Kilometric Fault	M.Balasubramanian, Assistant Professor/EEE, <a href="mailto:balasubramaniangcetly@gmail.com">balasubramaniangcetly@gmail.com</a> , 9976642967	<a href="https://youtu.be/RiFCWrUKdYg">https://youtu.be/RiFCWrUKdYg</a>	
50.	IV/ EEE	EE8010	Power System Transients	Power System Transients	Line dropping and Load Rejection	M.Balasubramanian, Assistant Professor/EEE, <a href="mailto:balasubramaniangcetly@gmail.com">balasubramaniangcetly@gmail.com</a> , 9976642967	<a href="https://youtu.be/Lmu-JaudhT4">https://youtu.be/Lmu-JaudhT4</a>	

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51.	IV/ EEE	EE8010	Power System Transients	Power System Transients	Over voltage induced by Fault & voltage Transient on closing and reclosing of Lines	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/iq3TQCemZg">https://youtu.be/iq3TQCemZg</a>	
52.	IV/ EEE	EE8010	Power System Transients	Power System Transients	Electromagnetic Transient Program - EMTP	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/kK1wHikECJk">https://youtu.be/kK1wHikECJk</a>	
53.	IV/ EEE	EE8010	Power System Transients	Power System Transients	Switching surges on integrated system	M.Balasubramanian, Assistant Professor/EEE, balasubramaniangcetly@gmail.com, 9976642967	<a href="https://youtu.be/J5RxAZsW4Ss">https://youtu.be/J5RxAZsW4Ss</a>	
54.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Phase Locked Loop and micro-computer control of DC drives	Mr.K.Manikandan/ Assistant Professor/	<a href="https://drive.google.com/file/d/1IC4rCF5o1m86nj9OpDWNnfGvLpf2KXUV/view?usp=sharing">https://drive.google.com/file/d/1IC4rCF5o1m86nj9OpDWNnfGvLpf2KXUV/view?usp=sharing</a>	
55.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Speed detection and current sensing circuits and feedback elements.	Mr.K.Manikandan/ Assistant Professor/	<a href="https://drive.google.com/file/d/1EU0raB1BeGCCgetwm-zcATJ3omC2darRR/view?usp=sharing">https://drive.google.com/file/d/1EU0raB1BeGCCgetwm-zcATJ3omC2darRR/view?usp=sharing</a>	

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56.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Digital Control of DC Drives.	Mr.K.Manikandan/ Assistant Professor/	<a href="https://drive.google.com/file/d/1gig5O9KNUtN4zBgAZhnVx0ySxXEuiVD/view?usp=sharing">https://drive.google.com/file/d/1gig5O9KNUtN4zBgAZhnVx0ySxXEuiVD/view?usp=sharing</a>	
57.	IV/ EEE	EE8009	Control of Electrical Drives	Control of Electrical Drives	Program flow chart for constant constant torque and constant horse power operations	Mr.K.Manikandan/ Assistant Professor/	<a href="https://drive.google.com/file/d/14k404nI1lwqn8z3KLUF6-h8Tjn7OefS4/view?usp=sharing">https://drive.google.com/file/d/14k404nI1lwqn8z3KLUF6-h8Tjn7OefS4/view?usp=sharing</a>	
58.	II/ MEC H	EE8353	Electrical Drives And Controls	Conventional And Solid State Speed Control Of D.C. Drives	Speed control of three phase Induction motor	Dr.R.BALAMURUGAN, ASSOCIATE PROFESSOR(CAS), 9865067560	<a href="https://drive.google.com/file/d/1secThVZFI-PuRAdoPw_JOyrQHe00OG8b/view?usp=sharing">https://drive.google.com/file/d/1secThVZFI-PuRAdoPw_JOyrQHe00OG8b/view?usp=sharing</a>	
59.	II/ MEC H	EE8353	Electrical Drives And Controls	Conventional And Solid State Speed Control Of D.C. Drives	Slip power recovery scheme	Mr.M.Arunkumar	<a href="https://www.loom.com/share/c8db44b2ab2f40caabcb99bdf7ae100f">https://www.loom.com/share/c8db44b2ab2f40caabcb99bdf7ae100f</a>	
60.	II/ ECE	ORO55 1	Renewable Energy Sources	Geothermal Energy	Topics Covered: Module 1:Geothermal Energy: Resources, types of wells, methods of harnessing the energy, potential in India.	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/W5KDTuY0t-M">https://youtu.be/W5KDTuY0t-M</a>	

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61.	II/ ECE	ORO55 1	Renewable Energy Sources	Geothermal Energy	Topics Covered: Module2:Tidal and wave energy: Potential and conversion techniques, mini-hydel power plants, and their economics.	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/x2BvT2tAyO8">https://youtu.be/x2BvT2tAyO8</a>	
62.	II/ ECE	ORO55 1	Renewable Energy Sources	Geothermal Energy	Topics Covered: Module3:Ocean Energy: OTEC, Principles utilization, setting of OTEC plants, thermodynamic cycles.	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/4XcugR05jjo">https://youtu.be/4XcugR05jjo</a>	
63.	II/ ECE	ORO55 1	Renewable Energy Sources	Geothermal Energy	Topics Covered: Module4:Direct Energy Conversion: Need for DEC, Carnot cycle, limitations, principles of DEC.	Dr.S.SEENIVASAN Assistant Professor	<a href="https://youtu.be/vBgDdOuIGu8">https://youtu.be/vBgDdOuIGu8</a>	