Theory online Classes Details of April Month										
S.No	Year/Sem	Subject	Date of Lecture & Class Timings	Topic	App Used	Link				
1	I-II	<b>Engineering Physics</b>	03-04-2020 & 1:20 PM	Claussius -Mosotti equation	zoom app					
4	I-II	<b>Engineering Physics</b>	04-04-2020 & 1:20 PM	Applications of Dielectrics	zoom app					
3	I-II	<b>Engineering Physics</b>	06-04-2020 & 1:20 PM	Introduction to Magnetic Materials, Definitions: Magnetic dipole moment, Maginetic induction, Magnetic filed, magnetic flux	zoom app					
4	I-II	<b>Engineering Physics</b>	06-04-2020 & 2:15 PM	Magnetization, Magnetic susceptibility and permeability, Origin of permanent magnetic moment due orbital motion	zoom app					
4	I-II	<b>Engineering Physics</b>	07-04-2020 & 1:20 PM	Origin of permanent magnetic moment due to Spin motion, Classification of magnetic materials: dia & para	zoom app					
(	i-II	<b>Engineering Physics</b>	08-04-2020 & 1:20 PM	Classification of Magnetic materials: Ferro, Antiferro and ferri	zoom app					
	I-II	<b>Engineering Physics</b>	09-04-2020& 1:20 PM	Domain theory of Ferromagnetism	zoom app					
8	I-II	<b>Engineering Physics</b>	13-04-2020 & 1:20 PM	Hysteresis loop, Types of magnetic materails: soft and hard magnetic materials	zoom app					
Ģ	I-II	<b>Engineering Physics</b>	16-04-2020 & 1:20 PM	Magnetic device applications	zoom app					
10	I-II	<b>Engineering Physics</b>	17-04-2020 & 1:20 PM	Introduction to lasers, Characteristics of Laser	zoom app					
11	I-II	<b>Engineering Physics</b>	20-04-2020 & 1:20 PM	Stimulated absorption, Spontaneous and Stimulated emission of radiation	zoom app					
12	2 I-II	<b>Engineering Physics</b>	20-04-2020 & 2:15 PM	Laser Construction, Types of pumping mechanism	zoom app					
13	I-II	<b>Engineering Physics</b>	21-04-2020 & 1:20 PM	Derivation for Einstein's coefficients	zoom app					
14	I-II	<b>Engineering Physics</b>	22-04-2020 & 1:20 PM	Population inversion, Different types of Pumping mechanisms	zoom app					
15	I-II	<b>Engineering Physics</b>	23-04-2020 & 1:20 PM	Working and Construction of He-Ne Laser	Cisco Webex	-				
16	i-II	<b>Engineering Physics</b>	27-04-2020 & 1:20 PM	Working and Construction of Nd-YAG Laser	Cisco Webex					
17	I-II	<b>Engineering Physics</b>	29-04-2020 & 11:30 AM	Working and Construction of Semiconductor Laser	Cisco Webex					
18	I-II	<b>Engineering Physics</b>	30-04-2020 & 11:45 PM	Applications of lasers	Cisco Webex					
19	I-II	<b>Engineering Physics</b>	27-04-2020 & 2:15 PM	Problems on Lasers	Cisco Webex					
20	I-II	<b>Engineering Physics</b>	28-04-2020 & 1:20 PM	Introduction to Optical Fibers, Working Principle- Total Internal Reflection	Cisco Webex					
21	I-II	Engineering Physics	30-04-2020 & 1:20 PM	Construction of optical fibers, Critical angle of propagation	Cisco Webex					

## Theory online Classes Details of May Month

S.No	Year/Sem	Subject	<b>Date of Lecture &amp; Class Timings</b>	Topic	App Used	Link
1	I-II	<b>Engineering Physics</b>	04-05-2020 & 10:50 AM	Derivation for Acceptance angle-Numerical Aperture	Cisco Webex	
2	I-II	<b>Engineering Physics</b>	06-05-2020 & 11:50 AM	Types of Fibers: Mode of Propagation, Refractive Index Profile	Cisco Webex	
3	I-II	<b>Engineering Physics</b>	07-05-2020 & 8:30 AM	Step Index Fibers and their wave propagation in Single and multimode	Cisco Webex	
4	I-II	<b>Engineering Physics</b>	08-05-2020 &11:50 AM	Graded Index Fibers and their wave propagation in Single and multimode	Cisco Webex	
5	I-II	<b>Engineering Physics</b>	11-05-2020 & 10:50 AM	Importance of V- numbers in Mode of Propagation, Refractive Index	Cisco Webex	
6	I-II	<b>Engineering Physics</b>	13-05-2020 & 11:50 AM	Fiber Optics Communication system Block diagram	Cisco Webex	
7	I-II	<b>Engineering Physics</b>	14-05-2020 &8:30 AM	Medical Applications of Optical Fiber	Cisco Webex	
8	I-II	<b>Engineering Physics</b>	15-05-2020 & 8:30 AM	Introduction to Sensors, Characteristics of Sensors	Cisco Webex	
9	I-II	<b>Engineering Physics</b>	18-05-2020 & 10:50 AM	Basic Sensor system working, Types of Sensors and their applications	Cisco Webex	
10	I-II	<b>Engineering Physics</b>	20-05-2020 & 11:50 AM	Strain and Pressure sensors,	Cisco Webex	
11	I-II	<b>Engineering Physics</b>	21-05-2020& 8:30 AM	Piezoelectric, magnetostrictive sensors	Cisco Webex	
12	I-II	<b>Engineering Physics</b>	22-05-2020 & 8:30 AM	Fibre optic methods of pressure sensing	Cisco Webex	
13	I-II	<b>Engineering Physics</b>	26-05-2020 & 10:50 AM	Temperature sensors ,bimetallic strip	Cisco Webex	
14	I-II	<b>Engineering Physics</b>	28-05-2020 &11:50 AM	pyroelectric detectors, Hall-effect sensor	Cisco Webex	
15	I-II	<b>Engineering Physics</b>	29-05-2020 & 8:30 AM	Smoke Detectors	Cisco Webex	
16	I-II	<b>Engineering Physics</b>	30-05-2020 & 8:30 AM	Fire detectors.	Cisco Webex	