

Department of Elex.& Comm. Engg

LESSON PLAN

Program Name	Diploma in Elex& Communication Engg.
Course/Subject Name	Digital Communication Systems
Course/Subject Code	ECPC 208
Course/Subject Co-ordinator Name	Mrs. Aradhana

Evaluation Scheme

Sr. no.	Subject Name	Study scheme (Hrs/Week)	Marks in Evaluation Scheme			
			Internal Assessment		External Assessment	
			Theory	Practical	Theory	Practical
1	Digital communication	Theory-4/week Practical-3/week	40	40	60	60
Reference Books		(i)Electronic Communication system by George Kennedy (ii)Digital Communication by Sanjay Sharma				

Course Outcomes (COs)

C.O.1	To understand the concept of digital communication system
C.O.2	To understand different modulation techniques
C.O.3	To determination of power spectral density of band pass digital modulation formats.

Teaching Plan

S.N	Name of Topic	Proposed Date	Actual Date	Remarks
1	UNIT-1: (Introduction) Basic block diagram of digital communication systems.	27-01-2026		
2	Block diagram and sub-system description of a digital communication system.	28-01-2026		
3	Sampling of low pass and band-pass signals,	29-01-2026		
4	Sampling of low pass and band-pass signals,	02-02-2026		
5	PAM, PCM	03-02-2026		
6	PAM, PCM	04-02-2026		
7	PAM, PCM	05-02-2026		
8	signal to quantization noise ratio analysis of linear and nonlinear quantizers	09-02-2026		
9	signal to quantization noise ratio analysis of linear and nonlinear quantizers	10-02-2026		
10	Line codes and bandwidth considerations	11-02-2026		
11	Line codes and bandwidth considerations	12-02-2026		
12	PCM TDM hierarchies	16-02-2026		
13	PCM TDM hierarchies	17-02-2026		
14	Frame structures.	18-02-2026		
15	Frame synchronization and bit stuffing.	19-02-2026		
16	Frame synchronization and bit stuffing.	23-02-2026		
17	2. Quantization noise analysis of Delta Modulation & Adaptive Delta Modulation	24-02-2026		
18	Quantization noise analysis of Delta Modulation & Adaptive Delta Modulation	25-02-2026		
19	low bit rate coding of speech & video signals.	26-02-2026		
20	low bit rate coding of speech and video signals.	02-03-2026		
21	Baseband transmission	03-03-2026		

22	Baseband transmission	05-03-2026		
23	Matched filter	09-03-2026		
24	Performance in additive Gaussian noise; Inter symbol interference (ISI),	10-03-2026		
25	CLASS TEST-1	11-03-2026		
26	Performance in additive Gaussian noise; Inter symbol interference (ISI),	12-03-2026		
27	Nyquist criterion for zero ISI, sinusoidal roll-off filtering	16-03-2026		
28	Nyquist criterion for zero ISI, sinusoidal roll-off filtering	17-03-2026		
29	Correlative coding, equalizers and adaptive equalizers	18-03-2026		
30	Correlative coding, equalizers and adaptive equalizers	19-03-2026		
31	Digital subscriber lines.	23-03-2026		
32	Geometric representation of signals,	24-03-2026		
33	Geometric representation of signals,	25-03-2026		
34	maximum likelihood decoding;	30-03-2026		
35	maximum likelihood decoding;	31-03-2026		
36	Correlation receiver, equivalence with matched filter.	1-04-2026		
37	Correlation receiver, equivalence with matched filter.	2-04-2026		
38	Generation, detection, and probability of error analysis of BPSK	6-04-2026		
39	Generation, detection, and probability of error analysis of BPSK	7-04-2026		
40	CLASS TEST-2	8-04-2026		
41	Coherent and non-coherent FSK,	9-04-2026		
42	Coherent and non-coherent FSK,	13-04-2026		
43	QPSK and DPSK	16-04-2026		
44	QAM, MSK and multicarrier modulation;	20-04-2026		
45	QAM, MSK and multicarrier modulation;	21-04-2026		
46	Comparison of bandwidth and bit rate of digital modulation schemes.	22-04-2026		
47	Introduction to Information and Coding Theories: Information Theory: Information measures.	23-04-2026		
48	The concept of entropy, Shannon entropy,	27-04-2026		
49	The concept of entropy, Shannon entropy,	28-04-2026		
50	Differential entropy, mutual information,	29-04-2026		
51	Capacity theorem for point-to-point channels with discrete and continuous alphabets.	30-04-2026		
52	Capacity theorem for point-to-point channels with discrete and continuous alphabets.	04-05-2026		
53	Coding Theory: linear block codes – definitions	05-05-2026		
54	Coding Theory: linear block codes – definitions	06-05-2026		
55	Properties	07-05-2026		
56	Properties	11-05-2026		
57	BoundCS on minimum distance (singleton, Hamming)	12-05-2026		
58	BoundCS on minimum distance (singleton, Hamming)	13-05-2026		

59	Revision of unit 1	14-05-2025		
60	Revision of unit 2	18-05-2026		
61	Revision of unit 3	19-05-2026		
62	Revision of unit 4	20-05-2026		
63	Revision	21-05-2026		
64	Revision	25-05-2026		
65	Revision	26-05-2026		

Assignments

Assignment Serial	Contents of Syllabus Covered	Proposed Date	Actual Date	Remarks
A-1	Unit-I,II	10-03-2026		
A-2	Unit-III	01-04-2026		

House Test/Class Test

Name of test	Contents of Syllabus Covered	Proposed Date	Actual Date	Remarks
Class test-I	30% of the syllabus	2 nd week of March		
Class test-II	30% of the syllabus	2 nd week of April		
House test	80% of the syllabus	As approved in academic calendar		

Lab Plan

Sr. no	Name of Practical	Proposed Date		Actual Date		Remarks
		G1	G2	G1	G2	
1	Pulse Code Modulation and Differential Pulse Code Modulation.	27-01-2026	28-01-2026			
2	Delta Modulation and Adaptive Delta modulation.	3-02-2026	4-02-2026			
3	Simulation of Band Pass Signal Transmission and Reception • Amplitude Shift Keying • Frequency Shift Keying • Phase Shift Keying	10-02-2026	11-02-2026			
4	Performance Analysis of Band Pass Signal Transmission and Reception • ASK • FSK • PSK.	17-02-2026	18-02-2026			
5	Implementation of Amplitude Shift Keying	24-02-2026	25-02-2026			
6	Implementation of Amplitude Shift Keying	3-03-2026	11-03-2026			
7	Implementation of Freq. shift keying	10-03-2026	18-03-2026			
8	Implementation of Freq. shift keying	17-03-2026	25-03-2026			
9	Implementation of Phase Shift Keying	24-03-2026	1-04-2026			
10	Implementation of Phase Shift Keying	31-03-2026	8-04-2026			
11	Time Division Multiplexing: PLL (CD 4046) based synch, clock and data extraction.	07-04-2026	22-04-2026			
12	TDM: PLL (CD 4046) based synch, clock and data extraction.	21-04-2026	29-04-2026			
13	Revision of practicals	28-04-2026	6-05-2026			
14	Viva voce	05-05-2026	13-05-2026			
15	Revision of practicals	12-05-2026	20-05-2026			
16	Revision of practicals	19-05-2026	—			
17	Revision of practicals	26-05-2026	—			

(Signature of HOD)

(Signature of Teacher)

LESSON PLAN

Program Name	Diploma in Electronics & Communication Engg.
Course/Subject Name	Consumer Electronics
Course/Subject Code	ECPC206
Course/Subject Co-ordinator Name	Raman kumar

Evaluation Scheme

Sr. no.	Subject Name	Study scheme (Hrs/Week)	Marks in Evaluation Scheme			
			Internal Assessment		External Assessment	
			Theory	Practical	Theory	Practical
1	Consumer Electronics	Theory-4/week	40	20	60	20
Reference Books		1. Consumer Electronics by Bali S.P.				
		2. Audio video systems by Gupta R.G.				

Course Outcomes (COs)

C.O. 1:	Describe the Audio & Video fundamentals.
C.O. 2:	Define the various Colour Television systems with a greater emphasis on television standard CS.
C.O. 3:	To study the advanced topics in Digital Television and High-Definition Television.

Teaching Plan

S.N	Name of Topic	Proposed Date	Actual Date	Remarks
1	Sound Signal and Fundamentals, Basic characteristics of sound signal	27-1-2026		
2	Audio level metering, decibel level in acoustic measurement	28-1-2026		
3	Microphone: Type and Principle	29-1-2026		
4	Microphone: Type and Principle	30-1-2026		
5	Microphone: Type and Principle	3-2-2026		
6	Loudspeaker: Type and Principle	4-2-2026		
7	Loudspeaker: Type and Principle	5-2-2026		
8	Sound recording: Type and Principle	6-2-2026		
9	Sound recording: Type and Principle	10-2-2026		
10	DCS	11-2-2026		
11	CD player	12-2-2026		
12	home theatre sound system	13-2-2026		
13	surround sound	17-2-2026		
14	Digital console System: Block Diagram, Working Principle and Applications	18-2-2026		
15	Digital console System: Block Diagram, Working Principle and Applications	19-2-2026		
16	FM Tuner	20-2-2026		
17	FM Tuner	24-2-2026		
18	PA Address System	25-2-2026		
19	Doubt Clearing Session	26-2-2026		
20	Doubt Clearing Session	27-2-2026		
21	Monochrome TV standards	3-3-2026		
22	Monochrome TV standards	5-3-2026		
23	scanning process	6-3-2026		
24	aspect ratio, persistence of vision and flicker	10-3-2026		
25	Interlace scanning	11-3-2026		

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26	picture resolution	12-3-2026		
27	Class Test-I	13-3-2026		
28	Composite video signal	17-3-2026		
29	Color TV standards	18-3-2026		
30	color theory, hue, brightness, saturation, luminance and chrominance	19-3-2026		
31	TV Camera and Type	20-3-2026		
32	TV Camera and Type	24-3-2026		
33	TV Camera and Type	25-3-2026		
34	Transmission standards	27-3-2026		
35	Transmission standards	1-4-2026		
36	PAL-D colour TV receiver	2-4-2026		
37	PAL-D colour TV receiver	7-4-2026		
38	Digital TVs – LCD, LED	8-4-2026		
39	PLASMA, HDTV	9-4-2026		
40	3-D TV	10-4-2026		
41	Class Test-II	16-4-2026		
42	projection TV	17-4-2026		
43	DTH receiver	21-4-2026		
44	Video interface, Digital Video	22-4-2026		
45	SDI	23-4-2026		
46	HDMI Multimedia Interface	24-4-2026		
47	Digital Video Interface	28-4-2026		
48	CD and DVD player	29-4-2026		
49	Operating Principle- FAX Machine	30-4-2026		
50	Operating Principle- FAX Machine	5-5-2026		
51	Photocopier	6-5-2026		
52	Microwave Oven	7-5-2026		
53	Microwave Oven	8-5-2026		
54	Washing Machine	12-5-2026		
55	Washing Machine	13-5-2026		
56	Air conditioner and Refrigerators	14-5-2026		
57	Air conditioner and Refrigerators	15-5-2026		
58	Digital camera and cam coder.	19-5-2026		
59	Revision	20-5-2026		
60	Revision	21-5-2026		
61	Revision	22-5-2026		
62	Revision	26-5-2026		

Assignments

Assignment Serial	Contents of Syllabus Covered	Proposed Date	Actual Date	Remarks
A-1	Unit-I,II	10-03-2026		
A-2	Unit-III	01-04-2026		

House Test/Class Test

Name of test	Contents of Syllabus Covered	Proposed Date	Actual Date	Remarks
Class test-I	30% of the syllabus	2 nd week of March		
Class test-II	30% of the syllabus	2 nd week of April		
House test	80% of the syllabus	As approved in academic calendar		

(Signature of HOD)

(Signature of Teacher)

LESSON PLAN

ProgramName	DIPLOMA IN ECE
Course/SubjectName	Essence Of Indian Knowledge & Tradition
Course/SubjectCode	AU202
Course/SubjectCoordinatorName	Renu Patial

Evaluation scheme

S.No.	SubjectName	Study scheme (Hrs/Week)	Marks in evaluation scheme			
			Internal Assessment		External Assessment	
			Theory	Practical	Theory	Practical
1.	Essence Of Indian Knowledge & Tradition	2 hrs(Th)	40	-	60	-
Reference books:			(1) Cultural Heritage of India- Course Material by V. Sivaramkrishna Bhartiya			
			(2) Modern Physics and Vedant by Swami Jitatanand Bahartiya			
			(3) The wave of Life by Fritz of Capra			
			(4) Tao Of Physics Fritz of Capra			
			(5) Science of consciousness Psychotherapy and Yoga Practice by RN Jha, Vidya Nidhi Prakashan			
			(6) Himachal Pradesh History, Culture and Economy by Mian Goverdhan Singh and Dr. C.L. Gupta.			

Course Outcomes: After the completion of the course the students will be able to:

CO1	Identify the concept of Indian Knowledge system
CO2	Understand the need and importance of protecting traditional knowledge.
CO3	Compare the Indian traditional knowledge and modern science
CO4	Understand the use of Yoga in stress management, mental health, mindfulness, healthy eating, weight loss and quality sleep
CO5	Aware of the general knowledge of Himachal Pradesh

Teaching Plan:

Lecture No.	Name of topic	Proposed Date	Actual Date	Remarks
1	Unit-1 Indian knowledge System Introduction and function of Indian knowledge system	29.01.2026		
2	The Basic Structure of Indian knowledge system The 4 Vedas Rigveda, Yajurveda, Samaveda, Atharvaveda	31.01.2026		

Renu Patial

	Physical fitness, health and wellness: meaning and importance of wellness	02.05.2026		
22	Components of wellness, health and physical fitness	07.05.2026		
23	Traditional sports & Regional Games for promoting wellness	14.05.2026		
24	Leadership through physical activity and sport; Introduction to First Aid	16.05.2026		
25	Unit-5 Himachal Pradesh : A Basic Information History, Culture, Heritage Regional knowledge, geographical features, constitutional History	16.05.2026		
26	Tradition, customs and manners	21.05.2026		
27	Regional knowledge, geographical features, constitutional History	21.05.2026		
28	Tourism Places & scope, Festival and Fairs	23.05.2026		

Assignments:

Assignment serial	Contents of syllabus covered	Actual date	Remarks
A-1	Indian Knowledge System & Modern Science		
A-2	Yoga and Holistic Health Care, H.P : A Basic Information		

House Test/Class Test:

House/Class Test	Contents of syllabus covered	Actual date	Remarks
CT-I	30% of the syllabus		
CT-II	Next 30% of the syllabus		
House Test	80% of the syllabus		

(Signature of HOD)

(Signature of Teacher)

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LESSON PLAN

Program Name	ELTX & COMM. ENGG.
Course Title/Subject Name	Electronic Equipment Maintenance
Course/Subject Code	ECPE202(I)
Course/Subject Coordinator Name	Aman Kumar Sood

Evaluation scheme

S.No.	Subject Name	Study scheme (Hrs/Week)	Marks in evaluation scheme			
			Internal Assessment		External Assessment	
			Theory		Theory	
1.	Electronic Equipment Maintenance	TH [3]+[1]DCS	40		60	
Reference books			1. Modern Electronic Equipment: Trouble- shooting, Repair and Maintenance Khandpur TMH 2006 2. Electronic Instruments and Systems: Principles, Maintenance and Troubleshooting R. G. Gupta Tata McGraw Hill Edition 2001 3. Student Reference Manual for Electronic Instrumentation Laboratories David L Terrell Butterworth-Heinemann. 4. Electronic Testing and Fault Diagnosis G. C. Loveday, A. H Wheeler Publishing.			

Program Specific Outcomes (COs):	
CO 1	Classification and generalization of testing procedure for semiconductor components.
CO 2	Acquires skill of troubleshooting analog and digital circuits
CO 3	Gets acquainted with fault diagnosis procedure
CO 4	Familiarization of various IC Packages and logic families

Teaching Plan: (T=14*4=56)

Lecture No.	Topic Covered	Proposed Date	Actual Date
1	1. Fundamental Troubleshooting Procedures Inside an Electronic Equipment: Reading Drawings and Diagrams – Block Diagram.	28/01/2026	
2	Circuit Diagram, Wiring Diagram.	30/01/2026	
3	Disassembly and re-assembly of equipment.	31/01/2026	
4	Equipment Failures and causes such as poor design, production deficiencies.	02/02/2026	
5	careless storage and transport, inappropriate operating conditions.	04/02/2026	
6	Nature of faults, Fault location procedure.	06/02/2026	
7	Nature of faults, Fault location procedure.	07/02/2026	
8	Fault finding aids – Service and maintenance manuals and instruction manuals.	09/02/2026	
9	Test and Measuring instruments.	11/02/2026	
10	special tools	13/02/2026	
11	Troubleshooting techniques, Approaching components for tests.	16/02/2026	
12	Troubleshooting techniques, Approaching components for tests.	18/02/2026	
13	Grounding systems in Electronic Equipment	20/02/2026	
14	Temperature sensitive Intermittent problems Corrective actions,	21/02/2026	
15	Temperature sensitive Intermittent problems Corrective actions.	23/02/2026	
16	Situations where repairs should not be attempted.	25/02/2026	
17	Passive Components and Their Testing: Passive Components- Resistors, Capacitors, Inductors.	27/02/2026	
18	Failures in fixed resistors,	28/02/2026	
19	Testing of resistors	02/03/2026	
20	variable resistors, variable resistors as potentiometers,	06/03/2026	
21	failures in potentiometers	07/03/2026	
22	CT-I	09/03/2026	
23	Testing of potentiometers, servicing potentiometers	11/03/2026	
24	LDRs and Thermistors.	13/03/2026	
25	Types of capacitors and their performance	16/03/2026	
26	Types of capacitors and their performance	18/03/2026	
27	Failures in capacitors.	20/03/2026	
28	testing of capacitors and precautions therein, variable capacitor types testing of capacitors and precautions therein, variable capacitor types testing of capacitors and precautions therein.	23/03/2026	

56	Repairing Surface Mount PCBs, Rework Stations	20/05/2026	
57	Revision	22/05/2026	
58	Revision	23/05/2026	
59	Revision	25/05/2026	

Assignments:

Assignment serial	Contents of syllabus covered	Proposed date	Actual date	Remarks
A-1	Fundamental Troubleshooting Procedures Inside an Electronic Equipment: Reading Drawings and Diagrams – Block Diagram, Passive Components and Their Testing	11/03/2026		
A-2	Testing of Semiconductor Devices, Logic IC families	08/05/2026		

House Test/Class Test:

House/Class Test	Contents of syllabus covered	Proposed date	Actual date	Remarks
CT-I	30% of the syllabus	09/03/2026		
CT-II	Next 30% of the syllabus	10/04/2026		
House Test	80% of the syllabus	2 nd Week of May		


 (Signature of Teacher)
 (Aman Kr. Sood)


 (Signature of HOD)

LESSON PLAN

Program Name	Electronics & Communication Engineering
Course Title/Subject Name	Industrial Electronics
Course/Subject Code	ECPE204(II)
Course/Subject Coordinator Name	Aman Kumar Sood

Evaluation scheme

S.No.	Subject Name	Study scheme (Hrs/Week)	Marks in evaluation scheme			
			Internal Assessment		External Assessment	
			Theory	Practical	Theory	Practical
1.	Industrial Electronics	TH [4]+PR[2]+DCS [1]	40	40	60	60
Reference books			1. Power Electronics by P. C. Sen Tata McGraw Hill. New Delhi 2. Power Electronics by P. S. Bhimbhra, Khanna Publishers, New Delhi 3. Power Electronics by M. S. Berde, Khanna Publishers, New Delhi. 4. Power Electronics by M. D. Singh and K. B. Khanchandani, Tata Mc-Graw Hill, New Delhi. 5. Industrial Electronics and Control by S. K. Bhattacharya and S. Chatterji, New Age Publications, New Delhi 6. Power Electronics by S Rama Reddy, Narosa Publishing House Pvt. Ltd., New Delhi			

Program Specific Outcomes (COs):	
CO 1	Understanding the working mechanisms of various power devices.
CO 2	Understanding the controlled power conversion concepts AC to DC, DC to AC, AC to AC and DC to DC conversion.
CO 3	Understanding of working mechanism of DC electric drives
CO 4	Use of power devices in different areas

Lecture No.	Topic Covered	Proposed date	Actual Date
1	Introduction to thyristor family: Overview of SCR, DIAC and TRIAC. Different methods of SCR triggering	27/01/2026	
2	Different methods of SCR triggering	28/01/2026	
3	Different commutation circuits for SCR	31/01/2026	
4	Different commutation circuits for SCR	02/02/2026	
5	Series & parallel operation of SCR.	03/02/2026	
6	Construction, working principle of UJT, V-I characteristics of UJT	04/02/2026	
7	Construction, working principle of UJT, V-I characteristics of UJT	07/02/2026	
8	UJT as relaxation oscillator	09/02/2026	
9	Brief introduction to Gate Turnoff thyristor (GTO).	10/02/2026	
10	Controlled Rectifiers Single phase half wave controlled rectifier with R & R-L load.	11/02/2026	
11	Single phase fully controlled full wave bridge rectifier R & R-L Load.	16/02/2026	
12	Single phase fully controlled full wave bridge rectifier R & R-L Load.	17/02/2026	
13	Single phase fully controlled full wave bridge rectifier R & R-L Load.	18/02/2026	
14	Single phase fully controlled full wave bridge rectifier R & R-L Load.	21/02/2026	
15	Single phase fully controlled full wave centre tap rectifier R&R-L Load	23/02/2026	

16	Single phase fully controlled full wave center tap rectifier R&R-L Load	24/02/2026	
17	Single phase fully controlled full wave center tap rectifier R&R-L Load	25/02/2026	
18	Single phase fully controlled full wave center tap rectifier R&R-L Load	28/02/2026	
19	Single phase half controlled full wave rectifier with R & R-L Load.	02/03/2026	
20	Single phase half controlled full wave rectifier with R & R-L Load.	03/03/2026	
21	Single phase half controlled full wave rectifier with R & R-L Load.	07/03/2026	
22	Single phase half controlled full wave rectifier with R & R-L Load.	09/03/2026	
23	Inverters, Choppers, Dual Converters and Cyclo converters: Principle of operation of basic inverter circuits,.	10/03/2026	
24	CT-I	11/03/2026	
25	Principle of operation of basic inverter circuits,.	16/03/2026	
26	concepts of duty cycle, series ¶llel inverters & their applications	17/03/2026	
27	concepts of duty cycle	18/03/2026	
28	series ¶llel inverters & their applications	23/03/2026	
29	Choppers: Introduction	24/03/2026	
30	types of chopper Class A	25/03/2026	
31	types of choppers B	28/03/2026	
32	types of choppers C	30/03/2026	
33	types of choppers Class D	31/03/2026	
34	Step up and step down choppers.	01/04/2026	
35	Dual Converter	04/04/2026	
36	cyclo-converters	06/04/2026	
37	Introduction, types & basic working principle of dual converters and cyclo converters & their applications.	07/04/2026	
38	Cyclo converters & their applications	08/04/2026	
39	CT-II	13/04/2026	

Assignments:

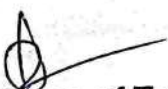
Assignment serial	Contents of syllabus covered	Proposed date	Actual date	Remarks
A-1	Introduction to thyristor family, Controlled Rectifiers	09/03/2026		
A-2	Inverters, Choppers, Dual Converters and Cyclo converters, Thyristorised Control of DC drives	25/04/2026		

House Test/Class Test:

House/Class Test	Contents of syllabus covered	Proposed date	Actual date	Remarks
CT-I	30% of the syllabus	11/03/2026		
CT-II	Next 30% of the syllabus	13/04/2026		
House Test	80% of the syllabus	2 nd week of May		

Lab Plan:

xp. No.	Name of experiment	Proposed & Actual date		Remarks
		G-1	G-2	
1	To plot VI characteristic of an SCR and measure latching current and holding current.	28/01/2026, 04/02/2026	27/01/2026, 03/02/2026	
2	To plot VI characteristics of DIAC and measure its break over voltage.	11/02/2026, 18/02/2026	10/02/2026, 17/02/2026	
3	To plot VI characteristics of TRIAC for various firing angles.	25/02/2026	24/02/2026	
4	To plot VI characteristics of UJT and its use as relaxation oscillator	11/03/2026, 18/03/2026	03/03/2026, 10/03/2026	
5	To observe the wave shape of voltage at relevant point of single-phase half wave controlled rectifier and effect of change of firing angle.	25/03/2026	17/03/2026	
6	To observe the wave shapes of voltage at relevant point of single phase full wave controlled rectifier and effect of change of firing angle	01/04/2026, 08/04/2026	24/03/2026, 31/03/2026	
7	To observe the wave shapes and measurement of voltage at relevant points in TRIAC based AC phase control circuit for varying lamp intensity.	22/04/2026, 29/04/2026	07/04/2026, 21/04/2026	
8	To control the speed of universal motor using SCR.	06/05/2026, 13/05/2026	05/05/2026, 12/05/2026	


 (Signature of Teacher)
 (Aman kr. Sood)


 (Signature of HOD)