

LESSON PLAN


NAME OF THE TEACHER: Pawan Kumar

SUBJECT: BOM & EDP

CLASS :5TH SEM(Civil Engg.)

SR. NO.	MON TH	WEEK	Date	NAME OF THE CHAPTER	CONTENTS TO BE TAUGHT	REMARKS
1	A U G	4th	25,26	Introduction to Management	Definitions and concept of Management.Functions of management- planning, organizing, staffing, coordinating and controlling.	
2		5th	29	Introduction to Management	Various areas of management.Structure of an Organization.	
3	S E P	1st	1,2	Self-Management and Development	Life Long Learning Skills.Concept of Personality Development, Ethics and Moral values,Concept of Physical Development	
4		2nd	5,8	Self-Management and Development	Significance of health, hygiene, body gestures. Time Management Concept and its importance. Intellectual Development: Reading skills, speaking	
5		3rd	12,15,16	Self-Management and Development	, listening skills, writing skills (Note taking, rough draft, revision, editing and final drafting),Concept of Critical Thinking and Problem Solving (approaches, steps and cases)	
6		4th	19,22,23	Self-Management and Development& CT-I	Psychological Management: stress, emotions, anxiety and techniques to manage these. ICT & Presentation skills; use of IT tools for good and impressive presentations	
7		5th	26,29,30	Team Management	Concept of Team Dynamics. Team related skills, managing cultural, social and ethnic diversity in a team. Effective group communication and conversations.	
8	O C T	2nd	3,6,7	Team Management & Project Management	Team building and its various stages like forming, storming, norming, performing and adjourning.Leadership, Qualities of a good leader. Motivation, Need of Motivation, Maslow's theory of Motivation.	
9		3rd	12,15,16	Introduction to Entrepreneurship	Stages of Project Management; initiation, planning, execution, closing and review (through case studies), SWOT analysis concept.Entrepreneurship, Need of entrepreneurship, and its concept.Qualities of a good entrepreneur. Qualities of a good entrepreneur.	
10		4th	19,22,23	Introduction to Entrepreneurship& CT-II	Business ownerships and its features; sole proprietorship, partnership.Joint stock companies, cooperative, private limited, public limited, PPP mode.	
11		5th	27	Entrepreneurial Support System (Features and Roles in	Types of industries: micro, small, medium and large. District Industry Centers (DICs),	

12		1st	4	Entrepreneurial Support System (Features and Roles in Brief)	State Financial Corporations (SFCs), NABARD, MSME (Micro, Small, Medium Enterprises) – its objectives & list of schemes.	
13	N O V	2nd		HOUSE TEST		
14		2nd	7,10	Market Study and Opportunity Identification	Types of market study: primary and secondary, product or service identification, assessment of demand and supply.	
15		3rd	17,18	Market Study and Opportunity Identification &	Types of survey and their important features. Preliminary Report.	
16		4th	21,24,25	Project Report Preparation	Techno-Economic Feasibility Report. Detailed Project Report(DPR)	
17		5th	28		revision	
18	D E C	1st	1,2		revision	
19		2nd	5		revision	


Sign. Of the teacher
 Er. Pawan Kumar


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 Er. Adit Rana

Government Polytechnic Lahaul Spiti at Udaipur Camp at Sundernagar Distt Mandi (H.P) -175018

Department of Civil Engineering

Lesson Plan for RCC Design (Semester- 5th) Session: (August-December 2023)

S.No.	MONTH	WEEK	Date	CONTENTS	REMARKS
1	August	Week 5	28,29	Design Philosophies: Working Stress Theory, Ultimate Design Theory, Limit State Theory, Concept of Reinforced Cement Concrete (RCC), Reinforcement Materials:	
2	September	Week 2	4,5	Loading on structure as per I.S 875. Study of BIS:456-2000- clause5, clause6, clause9, clause18, clause19, clause22, clause 23.0, 23.2, Clause25, clause26, clause35, clause36, clause37, clause 38, clause 39, clause 40, clause 41, clause42, clause, 43, Annexure-B, C, D, E, G	
		Week 3	11,12	Shear, Bond and Development Length (LSM) (6 hrs) 2.1 Nominal Shear stress in R.C. Section, Design shear strength of concrete, maximum shear stress, Design of shear reinforcement, Minimum shear reinforcement, Forms of shear reinforcement. 2.2 Bond and types of bond, Bond Stress, check for bond stress, Development length in tension and compression, anchorage value for hooks 90° bend and 45° bend Standard Lapping of bars, check for development length.	
		Week 4	18,19	Simple numerical problems on deciding whether shear reinforcement are required or not, check for adequacy of the section in shear. Design of shear reinforcement; Minimum shear reinforcement in beams; 2.4 Determination of development length required for tension reinforcement of cantilevers beam and s lab, check for development length.	
		Week 5	25,26	CLASS TEST - I	
3	October	Week 1	3	Limit State of collapse (Flexure), Assumptions stress. Strain relationship for concrete and steel neutral axis, Stress block diagram and Strain diagram for singly reinforced section. 3.2 Concept of under- reinforced, over-reinforced and balanced section, neutral axis co- efficient, limiting value of moment of resistance and limiting percentage of steel required For balanced singly R.C. Section.	

3	October	Week 2	9,10	3.3 Simple numerical problems on determining design constants, moment of resistance and area of steel. 3.4 Design of Singly reinforced simply supported beam and cantilever beam.4. Analysis and Design of Doubly Reinforced Sections (LSM) (8 hrs) 4.1 General features, necessity of providing doubly reinforced section reinforcement limitations.
		Week 3	16,17	4.2 Analysis of doubly reinforced section, strain diagram stress diagram, depth of neutral axis, moment of resistance of the section. 4.3 Numerical problems on finding moment of resistance 4.4 Design of beam sections.5. Design of One Way Slab (LSM) 5.1 Analysis & Design of simply supported one-way slab.6. Two Way Slab (LSM) 6.1 Design of two-way simply supported slab with corners free & no provision for torsion reinforcement,Design of Axially Loaded Column (LSM)
		Week 4	23	CLASS TEST - II
		Week 5	30,31	7.1 Assumptions in limit state of collapse–compression 7.2 Definition and classification of columns, effective length of column. Specification for minimum reinforcement; cover, maximum reinforcement, number of bars in rectangular, square and circular sections, diameter and spacing of lateral ties.
		Week 2	6,7	HOUSE TEST
1	November	Week 3	13,14	DIWALI BREAK
		Week 4	20,21	7.3 Analysis and Design of axially loaded: Uniaxial & Biaxial Bending along with axial loading: short, square, rectangular and circular columns with lateral ties only; check for short column and check for minimum eccentricity may be applied. Design of Staircase (LSM) 8.1 Live load on stair as per IS875:1987
		Week 5	28	8.2 Effective span of stair 8.3 Design of Stair slab spanning longitudinally 8.4 Design of stair slab spanning horizontally
		Week 1	4	Revision
5	December	Week 1	4	Revision


Signature of Teacher
(Er R.S.Chandel)


Signature of O.I.C.
(Er Adit Rana)

Government Polytechnic Lahual Spiti at Udaipur Camp At Sundernagar Distt Mandi (H.P) -175018

Department of Civil Engineering

Lesson Plan for RCC DRAWING (Semester-5th) Session: (Aug-Dec 2023)

S.No.	MONTH	WEEK	DATE	CONTENTS	REMARKS
1	August	Week 5	28,29	Introduction to RCC drawing,	
2	September	Week 2	4,5	Rectangular beams – Singly reinforced	
		Week 3	11,12	Rectangular beams- Doubly reinforced	
		Week 4	18,19	Cantilever beam – Rectangular and trapezoidal	
		Week 5	25,26	Class Test - I/Checking	
3	October	Week 1	3	Cantilever beam – Rectangular and trapezoidal	
		Week 2	9,10	One way slab	
		Week 3	16,17	Two way slab	
		Week 4	23	Class Test-II/Checking	
		Week 5	30,31	Square columns with isolated footing of uniform depth and varying depth (sloped footings)	
4	November	Week 2	6,7	House Test	
		Week 3	13,14	Rectangular columns with isolated footing of uniform depth and varying depth (Sloped footings)	
		Week 4	20,21	Circular column with isolated footing of uniform depth and varying depth (sloped footings)	
		Week 5	28	Dog legged stair Case	
5	December	Week 1	4	Revision	

Signature of Teacher

(Er Manoj Kumar Thakur)

(Er. Sujaya Sharma)




Signature of OIC

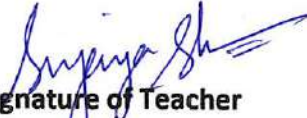
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Government Polytechnic Udaipur (L&S) camp at Sundernagar
Department of Civil Engineering

Lesson Plan for Highway Engineering (Semester-5th)Session: (Aug-Dec 2023)

S.No.	MONTH	WEEK	DATE	CONTENTS	REMARKS
1	Aug	Week 4	23,24,25,26	1. Introduction:Importance of Highway engineering,Functions of IRC, CRRI, MORT&H, NHAI ,IRC classification of roads 2. Highway Alignment& Surveys;-Highway alignment- factors controlling alignment , Engineering surveys for highway location ,Map study ,Reconnaissance, Preliminary survey,Final location and detailed survey ,Drawings and report.	
		Week 5	30,31	Preliminary survey,Final location and detailed survey ,Drawings and report.	
2	Sep	Week 1	1,2	3. Highway Geometrics:-Importance of geometric design,highway cross section element,Pavement surface characteristic,Cross slope or camber,Width of pavement or carriageway,Kerbs,Road margin,Right of way	
		Week 2	6,8	Typical cross section of roads,Sight distance, Introduction ,Stopping sight distance (SSD) , Overtaking sight distance(OSD) ,Super elevation, Types of super elevation , Maximum super elevation,Minimum super elevation ,	
		Week 3	13,14,15,16	Attainment of super elevation , Widening of pavement on horizontal curve,Mechanical widening ,Psychological widening ,Horizontal Transition Curves Different type of transition curves,Gradient,Ruling gradient,	
		week 4	20,21,22,23	Limiting gradient, Exceptional gradient, Minimum Gradient, Vertical curves, Summit curves- types ,Valley curves 4. Highway Materials, Subgrade soil- Significance , Characteristics of soil,Desirable properties ,Index properties of soil	
		Week 5	27,28,29,30	,Soil classification based upon size- IS soil classification ,Subgrade soli strength ,CBR test- method and significance ,Stone aggregate- Desirable properties of stone aggregate,Bituminous material,bitumen- requirements, cut back bitumen, bituminous emulsion, tar,Comparison of bitumen tar	
3	Oct	Week 1	4,5,6,7	5. Highway Pavements:-Object and requirements of pavement,Type of pavement structure Flexible pavement- their merits and demeritstypical cross-sections, functions of various Components Rigid pavement- their merits and demerits,	
		Week 2	11,12,13	typical cross-sections, functions of various components, Factor to be considered in the design of pavements 6. Highway Construction:-Type of highway construction,Earthwork , Construction of earth road-general, specification of material used,	

3	Oct	Week 3	18,19,20,21	procedure , Construction of water bound macadam road- general, specification of material used, Procedure,Construction of bituminous macadam, Interface treatment- prime coat, tack coat,Bitumonous surface dressing ,Seal Coat ,Penetration Macadam , Built-up spray grout,Premix method , Bituminous macadam,Bituminous premix carpet, Bituminous concrete or asphalt concrete	Class test-2
		Week 4	25,26,27	Sheet Asphalt, Mastic Asphalt ,Construction of surface dressing- specification of material used, construction procedure,Construction of Penetration (Grouted) macadam- specification of material used, construction Procedure ,Construction of bituminous Macadam- specification of material used, construction Procedure, Construction of cement concrete pavement slab- specification of material used, construction Procedure	
4	Nov	Week 1	1,2,3,4	7. Road Drainage:- Importance of highway drainage-significance, requirement of highway drainage system	
		Week 2	8,9,10	HOUSE TEST-2	
		Week 3	16,17,18	Surface drainage- collection of surface water ,Cross drainage, Sub surface drainage-Lowering of water table ,8. Hill Roads: Classification of hill road,Alignment of hill road – resisting length, trace cut for hair pin band, geological consideration(brief description only) ,Alignment survey-Reconnaissance, trace cut, detailed survey .	
		Week 4	22,23,24,25	Geometric of hill roads, Width of pavement, formation and land,Camber or cross fall,Sight distance, Super elevation ,Radius of horizontal curve,Widening at curves, Set back distance,Gradient,Hair pin band, Pavement type,Drainage in hill road,Road side drains,Cross drainage,Sub surface drainage	
		Week 5	29,30	9. Highway Maintenance:Need for highway maintenance,General cause of pavement failure	
5	Dec	Week 1	1,2	Classification of maintenance work, Typical flexible pavement failure- alligator cracking, consolidation of pavement layers, shear failure, longitudinal cracking, frost heaving, lack of binding to the lower course, reflection cracking, formation of waves and corrugation,	
		Week 2	6,7,8	Typical rigid pavement failure-scaling of cement concrete, shrinkage cracks, spalling of joints, warping cracks, mud pumping, structural cracks,Maintenance of earth roads,Maintenance of W.B.M roads,Maintenance of bituminous surfaces-patch repair, surface treatment, resurfacing, Maintenance of cement concrete roads- treatment of cracks, maintenance of joints	



 Signature of Teacher
 (Er Sujaya Sharma)


 Signature of O.I.C
 Er. Adit Rana

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Lesson Plan for Highway Engineering Lab G-1 (Semester-5th)Session: (Aug -Dec 2023)

S.No.	MONTH	WEEK	DATE	CONTENTS	REMARKS
1	Aug	Week 3	23	Introduction OF Bitumen as road material	
		Week 4	30	1. Determination of penetration value of bitumen	
2	Sep	Week 2	6	Viva and Checking of practical files	
		Week 3	13	2. Determination of softening point of bitumen	
		Week 4	20	Performance of Practical	
		Week 5	27	Viva and Checking of practical files	
3	Oct	Week 2	4	3. Determination of ductility of bitumen	
		Week 3	11	Viva and Checking of practical files	
		Week 4	18	4. Determination of impact value of the road aggregate	
		Week 5	25	Viva and Checking of practical files	
4	Nov	Week 1	1	5 Determination of abrasion value (Los Angeles') of road aggregate and Performance of Practical	
		Week 4	22	Viva and Checking of practical files	
5	Dec	Week 5	29	6. Determination of crushing value of aggregates	
		Week 2	6	Viva and Checking of practical files	


Signature of Teacher
 (Er Sujaya Sharma)


Signature of O.I.C
 Er. Adit Rana

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Lesson Plan for Highway Engineering (Semester-5th) Session: (Aug-Dec 2023) (G-2)

S.No.	MONTH	WEEK	DATE	CONTENTS	REMARKS
1	Aug	Week 3	24	Introduction OF Bitumen as road material	
		Week 4	31	1. Determination of penetration value of bitumen	
2	Sep	Week 3	14	Viva and Checking of practical files	
		Week 4	21	2. Determination of softening point of bitumen	
		Week 5	28	Performance of Practical	
3	Oct	Week 2	5	Viva and Checking of practical files	
		Week 3	12	3. Determination of ductility of bitumen	
		Week 4	19	Viva and Checking of practical files	
		Week 5	26	4. Determination of impact value of the road aggregate	
4	Nov	Week 1	2	Viva and Checking of practical files	
		Week 3	16	5 Determination of abrasion value (Los Angeles') of road aggregate and Performance of Practical	
		Week 4	23	Viva and Checking of practical files	
5	Dec	Week 5	30	6. Determination of crushing value of aggregates	
		Week 2	7	Viva and Checking of practical files	

Signature of Teacher
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Signature of O.I.C
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GOVERNMENT POLYTECHNIC LAHAUL & SPITI AT UDAIPUR CAMP AT SUNDERNAGAR, DISTT MANDI (H.P)
DEPARTMENT OF CIVIL ENGINEERING

LESSON PLAN FOR QUANTITY SURVEYING (SEMESTER- 5th), SESSION: (Aug - Dec 2023)

Sr No	MONTH	WEEK	DATES	CONTENTS	REMARKS
1	August	Week 4	23,24,25	1 Introduction Meaning of the terms estimating & costing. Purpose of estimating and costing, 2 Types of Estimates, 2.1 Approximate and Detailed, 2.2 Approximate estimate Types, 2.2.1 Plinth area rate method	
		Week 5	30,31	2.2.2 Cubic Content method, 2.2.3 Approximate Quantity method, 2.3 Types of detailed estimate, 2.3.1 Detailed estimate for new work	
2	September	Week 1	1	2.3.2 Revised estimate	
		Week 2	6,8	2.3.3 Supplementary estimate, 2.3.4 Repair & Maintenance estimate	
		Week 3	13,14,15	3. Measurement, 3.1 Units of measurement for various items of work as per BIS: 1200, 3.2 Rules for measurements	
		Week 4	20,21,22	3.3 Different methods of taking out quantities—centre line method and long wall and short wall method & Class Test 1	
		Week 5	27,28,29	4. Preparation of Detailed Estimates and Abstract of Cost for, 4.1 One & two room residential building with flat roof	
3	October	Week 1	4,5,6	4.2 Septic tank for 10 users	
		Week 2	11,12,13	5. Preparation of Detailed Estimates and Abstract of Cost for, 5.1 Plain road with-mid section area method, mean sectional area method, prismatic formula, 5.2 Earth working hill road	
		Week 3	18,19,20	6. Calculation of Quantities of Materials & Analysis of Rates for, 6.1 Calculation of quantities, 6.1.1 Cement mortars of different proportion, 6.1.2 Cement concrete of different proportion, 6.1.3 Brick/stonemasonry in cement mortar, 6.1.4 Plastering and pointing, 6.1.5 Whitewashing, painting, 6.2 Analysis of rate,	
		Week 4	25,26,27	6.2.1 Steps involved in the analysis of rates. Requirement of material, labour, sundries, contractor's profit and overheads, 6.2.2 Analysis of rates for finished items when data regarding labour , rates of material and labour is given:-Earth working excavation in hard/ordinary soil and filling with a concept of lead and lift -RCC in roof lab/beam/lintels/columns -Brick masonry in cement mortar-Cement Plaster -White washing, painting & Class Test 2	

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4	November	Week 1	1,2,3	7. Contractorship, 7.1 Meaning of contract, 7.2 Qualities of a good contractor and their qualifications.,7.3 Essentials of a contract
		Week 2	8,9,10	House Test
		Week 3	11,16,17	7.4 Types of contracts, their advantages, dis-advantages and suitability, system of payment, 7.5 Single and two cover-bids; tender, tender form and documents, tender notice, submission of tender and deposit of earnest money, security deposit, retention money, maintenance period
		Week 4	22,23,24	8. Preparation of Tender Document based on Common Schedule Rates (CSR), 8.1 Introduction to CSR and calculation of cost based on premium on CSR (ales test HPSR), 8.2 Exercises on writing detailed specifications of different types of building works from excavation to foundations, superstructure and finishing operation
		Week 5	29,30	8.3 Exercises on preparing tender documents for the following, 8.3.1 Earth work 8.3.2 Construction of a Single room building as per given drawing, 8.3.3 Publication of notice inviting tender, 8.3.4 RCC works, 8.3.5 Pointing, plastering and flooring, 8.3.6 White-washing, distemping and painting, 8.3.7 Wood work including polishing,8.3.8 Tile flooring including base course
5	December	Week 1	1	9. Exercises on preparation of comparative statements for item rate contract
		Week 2	7	Revision


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Signature of Teacher
 (Er Adit Rana)


Signature of O.I.C
 (Er Adit Rana)

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Department of Civil Engineering

Lesson Plan for ERBD (Semester-5th) Session: (Aug-Dec 2023)

S.No	MONTH	WEEK	DATE	CONTENTS	REMARKS
1	August	Week 4	23,24,25,26	Elements of Engineering Seismology ,General features of tectonic of seismic regions. Causes of earthquakes, Seismic waves, Earthquake size (magnitude and intensity), Epicentre,Seismograph, Classification of earthquakes, Seismic zoning map of India, Seismic design codes	
		Week 5	30,31	Importance, Indian seismic codes, Seismic Behaviour of Traditionally-Built Constructions of IndiaEarthquake effects, Traditionally built construction in India, Advantages and disadvantages of masonry construction	
2	September	Week 1	1,2	Behaviour of masonry construction during earth quakesPerformance of building during earthquakes	
		Week 2	6,8	Mode of failure (Out-of plane failure, in- plane failure, Diaphragm failure, Connection failure, Non-structural components failure)	
		Week 3	13,14,15,16	Ductile detailing of reinforced concrete buildings(IS 13920-1993), Introduction, Common modes of failure in reinforced concrete buildings,Irregularities in reinforced concrete buildings ,Types of irregularities, Vertical irregularities and Horizontal irregularities	
		Week 4	20,21,22,23	Identification of seismic damages in R.C.C. buildings, Column, Beams, Slabs, Ductile detailing as per IS13920-1993, Details of reinforcement Introduction to IS 1893 (part-I)-2002, Introduction, Assumption, Design Lateral forces, Equivalent lateral force prodecure	
		Week 5	30,31	Introduction to IS 4326-1993, Introduction, Earthquake resistant constructions	
3	October	Week 1	4,5,6,7	General Principal for earthquake resistant buildings (clause 4), Special construction features (clause 5)	
		Week 2	11,12,13	Categories of buildings, Codal provision of IS 4326-1993, Seismic strengthening arrangements (clause 8.4), Horizontal reinforcement, Vertical reinforcement	
		Week 3	18,19,20,21	Introduction to IS 13828-1993, Earthquake resistant features of stone masonry, Earthquake resistance features for burnt clay brick in weak mortar,	

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		Week 4	25,26,27	Introduction to IS 13827-1993, General recommendation for improving earth quake resistance of earthen construction,	Class Test -II
4	November	Week 1	1,2,3,4	Seismic strengthening features of earthen buildings	
		Week 2	8,9,10	House Test	
		Week 3	15,16,17,18	Retrofitting of masonry buildings, Retrofitting of concrete structure, Retrofitting of low cost buildings	
		Week 4	22,23,24,25	Disaster Management and Disaster rescue, Psychology of rescue, rescue workers, rescue plan	
		Week 5	29,30	rescue by steps, rescue equipment, Safeties in rescue operations, Debris clearance, Causality management.	
5	December	Week 1	1,2	Revision	

Signature of Teacher
(Er Manoj Kumar Thakur)

Signature of OIC
(Er. Adit Rana)

GOVERNMENT POLYTECHNIC LAHAUL & SPITI AT UDAIPUR CAMP AT SUNDERNAGAR, DISTT MANDI (H.P)

DEPARTMENT OF CIVIL ENGINEERING

LESSON PLAN FOR CACE LAB GROUP 1 (SEMESTER- 5th), SESSION: (Aug - Dec 2023)

Sr No	MONTH	WEEK	DATES	CONTENTS	REMARKS
1	August	Week 4	24,25,26	1. Introduction Starting up of Auto CAD, Auto CAD Window, Toolbar, Drop down menu, Command window, saving the drawing. Introduction of Graphic screen.	
		Week 5	31	Practice	
2	September	Week 1	1,2	2. Drawing, Editing, Dimensioning Commands Co-ordinates, drawing limits, grid, snap, ortho features. Drawing commands, line, circle, polyline, multiline, ellipse, polygon etc.	
		Week 2	8	Practice	
		Week 3	14,15,16	Editing commands – Copy, move, offset, fillet, chamfer, trim, lengthen, mirror, rotate, array etc. Working with hatches, fills, dimensioning, text etc	
		Week 4	21,22,23	Practice	
		Week 5	28,29,30	Practice	
3	October	Week 1	5,6,7	3. Submission/ Working Drawing 1) Drawing T, L, I, E, H with absolute, consecutive and polar coordinate system	
		Week 2	12,13	Practice	
		Week 3	19,20,21	2) Preparation of line plan of a residential building	
		Week 4	26,27	Practice	
4	November	Week 1	2,3,4	3) Preparation of detailed plan of a two room residential building, Elevation, Section, Site Plan (using different type of layers)	
		Week 2	9,10	HOUSE TEST	
		Week 3	16,17,18	Practice	
		Week 4	23,24,25	4) Introduction to STAAD Pro, (Expert may be invited to demonstrate)	
		Week 5	30	5) Introduction to MS Project/Primavera	
5	December	Week 1	1,2	Practice	

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Signature of Teacher
(Er Adit Rana)

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Signature of O.I.C
(Er Adit Rana)

GOVERNMENT POLYTECHNIC LAHAUL & SPITI AT UDAIPUR CAMP AT SUNDERNAGAR, DISTT MANDI (H.P)

DEPARTMENT OF CIVIL ENGINEERING

LESSON PLAN FOR CACE LAB GROUP 2 (SEMESTER- 5th), SESSION: (Aug - Dec 2023)

Sr No	MONTH	WEEK	DATES	CONTENTS	REMARKS
1	August	Week 4	21,22,23	1. Introduction Starting up of Auto CAD, Auto CAD Window, Toolbar, Drop down menu, Command window, saving the drawing. Introduction of Graphic screen.	
		Week 5	28,29,30	Practice	
		Week 2	4,5,6	2. Drawing, Editing, Dimensioning Commands Co-ordinates, drawing limits, grid, snap, ortho features. Drawing commands, line, circle, polyline, multiline, ellipse, polygon etc.	
		Week 3	11,12,13	Practice	
		Week 4	18,19,20	Editing commands – Copy, move, offset, fillet, chamfer, trim, lengthen, mirror, rotate, array etc. Working with hatches, fills, dimensioning, text etc	
		Week 5	25,26,27	Practice	
3	October	Week 1	3	Practice	
		Week 2	9,10,11	3. Submission/ Working Drawing 1) Drawing T, L, I, E, H with absolute, consecutive and polar coordinate system	
		Week 3	16,17,18	Practice	
		Week 4	23,25	2) Preparation of line plan of a residential building	
		Week 5	30,31	Practice	
4	November	Week 1	1	3) Preparation of detailed plan of a two room residential building, Elevation, Section, Site Plan (using different type of layers)	
		Week 2	6,7,8	HOUSE TEST	
		Week 3	13,14,15	DIWALI BREAK	
		Week 4	20,21,22	4) Introduction to STAAD Pro, (Expert may be invited to demonstrate)	
		Week 5	28,29	5) Introduction to MS Project/Primavera	
5	December	Week 2	4,5,6	Practice	


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(Er Adit Rana)



Signature of O.I.C
(Er Adit Rana)