Name of Faculty	Er. Amandeep Singh	Er. Amandeep Singh	
Discipline	Civil Engineering	Civil Engineering	
Semester	6 <sup>th</sup>	6 <sup>th</sup>	
Subject	Prestressed Concrete (L-4 Hrs./Week)	Prestressed Concrete (L-4 Hrs./Week)	
Lesson Plan Duration	February – June 2023	February – June 2023	

Week	Topic	Theory
1 <sup>st</sup> (14 Feb. – 21 Feb.)	1. Introduction	Basic concept of prestressed concrete, advantages of prestressed concrete in comparison with RCC.
2 <sup>nd</sup> (22 Feb. – 28 Feb.)	1. Introduction	Application of prestressed to various building elements, bridges, water tanks and precast elements.
3 <sup>rd</sup> (01 Mar. – 07 Mar.)	1. Introduction	Application of prestressed to various building elements, bridges, water tanks and precast elements.
4 <sup>th</sup> (09 Mar. – 16 Mar.)	2. Materials	Materials requirement for prestressing concrete – High strength concrete, Prestressing steel wires, strands and high strength bars.
5 <sup>th</sup> (17 Mar. – 23 Mar.)	2. Materials	Stresses in high strength steel and stress strain relationship, tend on profile.
Class Te	est – 1	In Third Week of March 2023.
6 <sup>th</sup> (24 Mar. – 31 Mar.)	3. Prestressing Methods	Introduction to prestressing methods-pre- tensioning and post-tensioning.
7 <sup>th</sup> (01 Apr. – 10 Apr.)	3. Prestressing Methods	Forces due to pre-tensioning and post-tensioning; their suitability and comparison.
8 <sup>th</sup> (11 Apr. – 19 Apr.)	3. Prestressing Methods	Forces due to pre-tensioning and post- tensioning; their suitability and comparison Circular prestressing and its application

	3. Prestressing Methods	Circular prestressing and its application
9 <sup>th</sup> (20 Apr. – 27 Apr.)	4. Bending and Shear Capacity	Concept of bending and shear capacity of prestressed members.
Class To	est – 2	In Third Week of April 2023.
10 <sup>th</sup> (28 Apr. – 04 May)	4. Bending and Shear Capacity	Calculation of bending stresses in rectangular simply supported beams with straight and parabolic profile of tendons
11 <sup>th</sup> (06 May – 12 May)	4. Bending and Shear Capacity	Calculation of bending stresses in rectangular simply supported beams with straight and parabolic profile of tendons
House	: Test	In Second Week of May 2023.
12 <sup>th</sup> (15 May – 20 May)	4. Bending and Shear Capacity 5. Losses in Prestressing	Calculation of bending stresses in rectangular simply supported beams with straight and parabolic profile of tendons  Types of losses in prestress–Elastic shortening, creep and shrinkage of concrete, frictionless and stress relaxation in prestress steel.
13 <sup>th</sup> (23 May-29 May)	5. Losses in Prestressing	Types of losses in prestress–Elastic shortening, creep and shrinkage of concrete, frictionless and stress relaxation in prestress steel.
14 <sup>th</sup> (30 May-05 June)	5. Losses in Prestressing	Computation of losses for simple beam problems.
15 <sup>th</sup> (06 June – 09 June)	Revision and doubt clearance	Revision and doubt clearance.

Signature of Jeacher (Er. Amandeep Singh)

Signature of HOD/OIC (Er. Amandeep Singh)

Name of Faculty	Er. Abhishek Patial	
Discipline	Civil Engineering	
Semester	6 <sup>th</sup>	
Subject	Steel Structures Design and Drawing (L-4 Hrs./Week)	
Lesson Plan Duration	February – June 2023	

Week	Topic	Theory
1 <sup>st</sup>	1. Structural Steel	1.1 Terminology, Properties of structural steel as per IS
	and Sections	Code, grades of steel
	* ·	1.2 Designation of structural steel sections as per IS
(14 Feb. – 21 Feb.)		handbook and IS: 800.
		1.3 Classification of sections in Limit State Method
	1. Structural Steel	1.4 Hollow Sections; Hot rolled and Cold Formed,
2 <sup>nd</sup>	and Sections	advantages and applications.
(22 Feb. – 28 Feb.)	2. Bolted	2.1 Types of Bolts
	Connections	
3 <sup>rd</sup>	2. Bolted	2.2 Forces in Bolts
(01 Mar. – 07 Mar.)	Connections	2.3 Types of Bolted joints with Sketches
4 <sup>th</sup>	2. Bolted	2.4 Design of bolted connections (limit state)
(09 Mar. – 16 Mar.)	Connections	
	3. Welded	3.1 Introduction, types of welds, defects in welds,
5 <sup>th</sup>	Connections (LSM)	Permissible stress in weld, strength of weld.
(17 Mar. – 23 Mar.)		3.2 Advantages and disadvantages of welded joint.
Class Te	oct = 1	In Third Week of March 2023.
Class 16	56-1	The state of the s
	3. Welded	3.3 Types of welds and their symbols.
6 <sup>th</sup>	Connections (LSM)	3.4 Design of fillet weld and butt weld subjected to axial
(24 Mar. – 31 Mar.)		load. (Descriptive No numerical on plug and slot welds)
-1 -	3. Welded	3.4 Design of fillet weld and butt weld subjected to axial
	Connections (LSM)	load. (Descriptive No numerical on plug and slot welds)
7 <sup>th</sup>	4. Tension	4.1Types of section used, permissible stresses in axial
(01 Apr. – 10 Apr.)	Members (LSM)	tension.
	1. N. 30 11 13 12 7 13 1	* 15.7

8 <sup>th</sup> (11 Apr. – 19 Apr.)	4. Tension Members (LSM)  5. Compression	<ul> <li>4.2 Gross and net cross—sectional area of tension member.</li> <li>4.3 Analysis and Design of tension member with welded and riveted connection.</li> <li>4.4 Introduction to Lug Angle and Tension splice. (Theory only)</li> <li>5.1 Types of sections used, Effective length, Radius of</li> </ul>
9 <sup>th</sup> (20 Apr. – 27 Apr.)	Members (LSM)	gyration, slenderness ratio and its limit, Permissible compressive stresses.  5.2 Analysis and Design of axially loaded angle struts with welded and riveted connection.
Class T	est – 2	In Third Week of April 2023.
10 <sup>th</sup> (28 Apr. – 04 May)	5. Compression Members (LSM)	5.3 Stanchion and Columns Types of sections-simple and built-up sections, Effective length. 5.4 Introduction to lacing and battening (No numerical problem on Lacing and Battening)
11 <sup>th</sup> (06 May – 12 May)	6. Beams (LSM)	6.1 Different steel sections used, Simple and built-up sections, Permissible bending stresses. 6.2 Design of simple I beam section, check for shear only.
House	: Test	In Second Week of May 2023.
12 <sup>th</sup> (15 May – 20 May)	6. Beams (LSM)	6.2 Design of simple I beam section, check for shear only.
13 <sup>th</sup> (23 May-29 May)	6. Beams (LSM)	6.3 Introduction to Plate Girder: Various components and their functions. (No numerical Problem on Plate Girder)
14 <sup>th</sup> (30 May-05 June)	7. Plate girder (Conceptual Knowledge)	7.1 Parts of Plate Girder  (a) Flange plate  (b) Flange angle  (c) Flange splice  (d) Web splice  (e) Vertical stiffener  (f) Intermediate stiffener  (g) Horizontal stiffener  (h) Bearing stiffener
15 <sup>th</sup> (06 June – 09 June)	Revision and doubt clearance	Revision and doubt clearance.

Signature of Teacher

(Er. Abhishek Patial)

Signature of HOD/OIC (Er. Amandeep Singh)

Name of Faculty	Sh. Abhishek Patial	
Discipline	Civil Engineering	
Semester	6 <sup>th</sup>	
Subject	Steel Structures Design & Drawing (P-4 Hrs./Week)	
Lesson Plan Duration	February – June 2023	

Week	Topic ( Drawing)
1 <sup>st</sup>	1. Details of splicing for steel columns.
(14 Feb. – 21 Feb.)	
2 <sup>nd</sup>	1. Details of splicing for steel columns.
(22 Feb. – 28 Feb.)	
3 <sup>rd</sup>	2. Column Beam Connection Drawings
(01 Mar. – 07 Mar.)	(a) Beam to beam connections (Seated and framed)
4 <sup>th</sup>	2. Column Beam Connection Drawings
(09 Mar. – 16 Mar.)	(a) Beam to beam connections (Seated and framed)
5 <sup>th</sup>	2. Column Beam Connection Drawings
, -	(b) Beam to column (Seated and framed)
(17 Mar. – 23 Mar.)	
Class Test-1	In Third Week of March 2023
eth	2. Column Beam Connection Drawings
6 <sup>th</sup> (24 Mar. – 31 Mar.)	(b) Beam to column (Seated and framed)
7 <sup>th</sup>	2. Column Beam Connection Drawings
(01 Apr. – 10 Apr.)	(c) Column bases (Slab base, and gusseted base)
8 <sup>th</sup>	2. Column Beam Connection Drawings
(11 Apr. – 19 Apr.)	(c) Column bases (Slab base, and gusseted base)
9 <sup>th</sup> (20 Apr. – 27 Apr.)	3. Detailed drawing showing plan and elevation for a riveted plate girder with the given design data regarding the sizes of its parts, with details at the supports and connections of stiffeners, flange angles and cover plates with the web
Class Test-2	In Third Week of April 2023

10 <sup>th</sup> (28 Apr. – 04 May)	3. Detailed drawing showing plan and elevation for a riveted plate girder with the given design data regarding the sizes of its parts, with details at the supports and connections of stiffeners, flange angles and cover plates with the web	
11 <sup>th</sup> (06 May – 12 May)	3. Detailed drawing showing plan and elevation for a riveted plate girder with the given design data regarding the sizes of its parts, with details at the supports and connections of stiffeners, flange angles and cover plates with the web	
House Test	In Second Week of May 2023	
12 <sup>th</sup> (15 May – 20 May)	4. Preparation of drawing of a steel roof truss with details of joints for the given span, shape of the truss and the design data regarding the size of the members and the connection	
13 <sup>th</sup> (23 May-29 May)	4. Preparation of drawing of a steel roof truss with details of joints for the given span, shape of the truss and the design data regarding the size of the members and the connections	
14 <sup>th</sup> (30 May-05 June)	4. Preparation of drawing of a steel roof truss with details of joints for the given span, shape of the truss and the design data regarding the size of the members and the connections	
15 <sup>th</sup> (06 June-09 June)	Revision and doubt clearance.	

Signature of Teacher (Er. Abhishek Patial)

Signature of NOD/OIC (Er. Amandeep Singh)

Name of Faculty	Sh. Saibal Bharti
Discipline	Civil Engineering
Semester 6 <sup>th</sup>	
Subject	Irrigation Engg. (L-4 Hrs./Week)
Lesson Plan Duration	February – June 2023

Week	Topic	Theory
1 <sup>st</sup> (14 Feb. – 21 Feb.)	1. Introduction	1.1 Definition and Necessity of Irrigation 1.2 Historical development of Irrigation systems
2 <sup>nd</sup> (22 Feb. – 28 Feb.)	2. Water Requirement of Crops	2.1 Principal crops in India and their water requirements 2.2 Crop/base period 2.3 Crop seasons –Kharif and Rabi 2.4 Duty, Factors affecting duty, Delta, 2.5 Relationship between Base period, Duty and Delta
3 <sup>rd</sup> (01 Mar. – 07 Mar.)	3. Methods of Irrigation	3.1 Type of irrigation- Surface irrigation and sub-surface irrigation 3.2 methods of supplying water to the field (Brief description) 3.2.1 Free Flooding 3.2.2 Border Flooding 3.2.3 Check Flooding 3.2.4 Furrow irrigation method
4 <sup>th</sup> (09 Mar. – 16 Mar.)	3. Methods of Irrigation 4. Hydrology and Run-off	<ul><li>3.2.5 Basin flooding</li><li>3.2.5 Sprinkler Irrigation with its suitability</li><li>3.2.6 Drip Irrigation with its suitability</li><li>4.1 Definition, importance of hydrology</li></ul>
5 <sup>th</sup> (17 Mar. – 23 Mar.)	4. Hydrology and Run-off	4.2 Hydrological cycle 4.3 Precipitation 4.3.1 Definition 4.3.2 Types of precipitation 4.3.3 Raingauges, types with diagrams 4.4 Runoff, Factors affecting runoff
Class T	est – 1	In Third Week of March 2023.

ž 111 W.	5. Dams & Canals	5.1 Use of dams in irrigation 5.2 Types of dams
6 <sup>th</sup>		5.3 Construction of earthen, gravity and
(24 Mar. – 31 Mar.)		rock fill dams
	'Pak	5.4 Alluvial and non-alluvial canals
	5. Dams & Canals	5.5 Alignment of canal-ridge canal, contou
	5. Dams & Canais	
		canal, side slope canal  5.6 Distribution system for canal irrigation-
		Main canal, Branch canal, Distributaries,
	the state of the s	
7 <sup>th</sup>		water course
(01 Apr. – 10 Apr.)		5.7. Cross-section of canal showing- Side
		slope, Berm, Freeboard, Service road, Spoil
		bank,
	Lane -	Dowel and Borrowpit (with their definition
	- :-	& functions)
	F. D	5.8 Lining of canals and their types
	5. Dams & Canals	5.9 Maintenance of irrigation canal
8 <sup>th</sup>	- 1 2 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	5.10 Closure of breaches
(11 Apr. – 19 Apr.)	C Mall and Tube Mall Instantion	6.1 Open well
(11 April 25 April)	6. Well and Tube Well Irrigation	6.1.1 Shallow well
		6.1.2 Deep well
		6.2 Construction of open well
	6. Well and Tube Well Irrigation	6.3 Yield of open well (brief description, no
		derivation and numerical)
		6.3.1 Pumping test
	* • 1	6.3.2 Recuperating test
		6.4 Tube well
		6.5 Types of tube well (Brief description
9 <sup>th</sup>		with neat diagram)
(20 Apr. – 27 Apr.)		6.5.1 Cavity type tube well
		6.5.2 Screen type tube well
· var		6.5.3 Slotted type tube well
		6.6 Methods of boring tube wells
the factor of the		6.7 well development
	1 18 1	6.7 Advantages and disadvantages of tube
		well irrigation over canal irrigation
	7. Diversion Head Works	7.1 Definition, object, general layout,
		functions of different parts of diversion
10 <sup>th</sup>		head works.
(28 Apr. – 04 Apr.)		7.2 Types of Weir
		7.3 Difference between weir and barrage
Class To	st – 2	In Third Week of April 2023.

8. Cross Drainage Works	8.1 Functions and necessity of the following types: aqueduct, super Passage, level crossing, inlet and outlet 8.2 Sketches of the above cross drainage works
9. Regulatory works	9.1 Introduction 9.2 Cross and head regulators 9.3 Outlets 9.4 Canal Escapes 9.5 Falls
? Test	In Second Week of May 2023.
10. River Training Works	10.1 Control and river training 10.2 Objective of river training 10.3 Method of river training (Brief description) 10.3.1 Marginal embankment
10. River Training Works 11. Water Logging	10.3.2 Groynes 10.3.3 Pitched island 10.3.4 Guide banks 11.1 Definition 11.2 Causes
Revision and doubt clearance	11.3 Preventive & remedial measures 11.4 Reclamation of water logged areas 11.5 Well point system Revision and doubt clearance.
	9. Regulatory works  Test  10. River Training Works  11. Water Logging

Sabal Bhank Signature of Teacher

(Er. Saibal Bharti)

Signature of HOD/OIC

(Er. Amandeep Singh)

Name of Faculty	Sh. Saibal Bharti	
Discipline	Civil Engineering	
Semester	6 <sup>th</sup>	
Subject	Construction management And Accounts (L-4	
	Hrs./Week)	
Lesson Plan Duration	February – June 2023	

Week	Topic	Theory
1 <sup>st</sup> (14 Feb. – 21 Feb.)	1. Introduction	1.1 Significance of construction management 1.2 Main objectives of construction management and overview of the subject 1.3 Functions of construction management, planning, organising, staffing, directing, controlling and coordinating, meaning of each of these with respect to construction job. 1.4 Classification of construction into light, heavy and industrial construction 1.5 Stages in construction from conception to completion
2 <sup>nd</sup> (22 Feb. – 28 Feb.)	2. Construction Planning	2.1 Importance of construction planning 2.2 Stages of construction planning - Pre-tender stage - Contract stage, construction contracts and specifications 2.4 Scheduling construction works by bar charts - Definition of activity, identification of activities though - Limitations of bar charts
3 <sup>rd</sup> (01 Mar. – 07 Mar.)	2. Construction Planning	2.5 Scheduling by network techniques - Introduction to net work techniques; PERT and CPM, differences between PERT and CPM terminology 2.6 CPM Network including critical activities, slack, floats & critical path.
4 <sup>th</sup> (09 Mar. – 16 Mar.)	3. Organization	3.1 Types of organizations: Line, line and staff, functional and their characteristics
	Class Test – 1	In Third Week of March 2023.

5 <sup>th</sup> (17 Mar. – 23 Mar.)	4. Site Organization	<ul><li>4.1 Principle of storing and stacking materials at site</li><li>4.2 Location of equipment</li><li>4.3 Organizing labour at site</li></ul>
(17 Mar. – 23	Organization	
• 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		4.3 Organizing labour at site
5.6		4.4 Site layout of construction project
	5. Construction	5.1 Conditions of construction workers in India, wages paid to
6 <sup>th</sup> Labour		workers
(24 Mar. – 31		5.2 Important provisions of the following Acts:
Mar.)		- Labour Welfare Fund Act 1936 (as amended)
, =		- Payment of Wages Act 1936 (as amended)
	5. Construction	Minimum Wages Act 1948 (as amended)
7 <sup>th</sup>	Labour	
(01 Apr. – 10		6.1 Methods of recording progress
Apr.)	6. Control of	6.2 Analysis of progress
	Progress	
8 <sup>th</sup>	6. Control of	6.3 Taking corrective actions keeping head office informed
(11 Apr. – 19 Apr.)	Progress	6.4 Arbitration and settlement.
Apr.,		
	Class Test – 2	In Third Wook of April 2022
	Class Test - 2	In Third Week of April 2023.
<b>9</b> th	7. Inspection and	7.1 Need for inspection and quality control
(20 Apr. – 27	<b>Quality Control</b>	7.2 Principles of inspection
Apr.)		
	7. Inspection and	7.3 Stages of inspection and quality control for
10 <sup>th</sup>	<b>Quality Control</b>	- Earthwork
(28 Apr. – 04		- Masonry
May)		- RCC
	8. Accidents and	8.1 Accidents-causes and remedies
11 <sup>th</sup>	Safety in	8.2 Safety measures for
(06 May – 12	Construction	- Excavation work
May)		- Hot bituminous works
1		- Scaffolding, form work
		8.3 Safety campaign and safety devices
· · · · · · · · · · · · · · · · · · ·	House Test	In Second Week of May 2023
	ACCOUNTS	9.1 Introduction
	9. Public Work	9.2 Necessities of accounts
	Accounts	9.3 Public works department system of account
		9.4 Classification of transaction and head of account
anth	· · · · · · · · · · · · · · · · · · ·	9.5 Classification of works
12 <sup>th</sup>	4.	9.6 Condition to be fulfilled before a work can taken in hand
(15 May – 20 May)		9.7 work order
ividyj		
		9.8 bill-first and final bill, running account bill, account of secured
		advances, running account
1		bill "c", running account bill "D", final bill, Hand receipt, refund of
	The state of the s	security money, cash, debit and credit

	1 112 124 1	O Consideration of the maintain the cost heat and for the
	9. Public Work	9.9 cashbook-procedure for maintain the cash book, cash found
	Accounts	surplus or deficient, subsidiary
		cash Book
		9.10 contract ledger
		9.11 completion report and completion certificate
		9.12 Imprest
		9.13 temporary advance or temporary Imprest
		9.14 Cheques
13 <sup>th</sup>		9.15 Remittance transfer receipts
(23 May-29		9.16 Advise of transfer debit/credit
May)		9.17 Receipt of money
		9.18 Treasury challan9.19 Treasury remittance book
		9.20 Work abstract
		9.21 Register of works
		9.22 Transfer entries
		9.19 Treasury remittance book
		9.20 Work abstract
		9.21 Register of works
		9.22 Transfer entries
	9. Public Work	9.23 Appropriation and re-appropriation
	Accounts	9.24 Deposit works
	Accounts	9.25 Stores
		9.25.1 Necessity of stores
	2	9.25.2 Unstamped receipt
14 <sup>th</sup>		9.25.3 Accounting procedure for store
(30 May-05		9.25.4 Suspense head
June)		9.25.5 Suspense sub-head
		9.25.6 Reserve limit of stock
		9.25.7 Indent
		9.25.8 Stock taking and shortage and surplus
		9.25.9 Classification of store
	9. Public Work	9.26 Road metal
	Accounts	9.27 materials charged to work
	, iccounts	9.28 issue of material to contractor
		9.29 Issue of machinery and equipment
		9.30 bincard
15 <sup>th</sup>		9.31 stock register
(06 June-09		9.32 write off
June)		9.33 Handing over taking over charge on transfer
		9.34 voucher
		9.35 Establishments in P.W.D.
		9.36 Cash payment to labourers
		9.37 Tools and plant

Signature of Teacher
(Er. Saibal Bharti)

Signature of HOD/OIC

(Er. Amandeep Singh)

Name of Faculty	Er. Amandeep Singh	
Discipline	Civil Engineering	
Semester	6 <sup>th</sup>	
Subject	Railways, Bridges and Tunnels (L-4 Hrs./Week)	
Lesson Plan Duration	February – June 2023	

Week	Topic	Theory
1 <sup>st</sup> (14 Feb. – 21 Feb.)	1. Railways	Introduction to Indian Railways     Railways surveys: Factors influencing the railways route, brief description of various types of railway survey     Classification of permanent way describing its component part
2 <sup>nd</sup> (22 Feb. – 28 Feb.)	1. Railways	<ul> <li>4. Rail Gauge; Definition, types, practice in India</li> <li>5. Rail – types of rails</li> <li>6. Rail Fastening: Rail joints, types of rail joints, fastening for rails, fish plates, bearing plates</li> </ul>
3 <sup>rd</sup> (01 Mar. – 07 Mar.)	1. Railways	<ul> <li>7. Sleepers: Functions of sleepers, types of sleepers, requirements of an ideal material of Sleepers.</li> <li>8. Ballast: Function of ballast, requirements of an ideal material of ballast.</li> </ul>
4 <sup>th</sup> (09 Mar. – 16 Mar.)	1. Railways	9. Crossing and signaling: Brief description regarding different types of crossing/signaling 10. Maintenance of track: Necessity, track fixtures; maintenance and boxing of ballast, maintenance gauges, tools.
5 <sup>th</sup> (17 Mar. – 23 Mar.)	1. Railways	11. Drains, methods of construction. 12. Introduction Bridge—its function and component parts, difference between a bridge and a culvert
Class Te	est – 1	In Third Week of March 2023.

	2. Bridges	13. Classification of Bridges
		Their structural elements and suitability:  13.1 According to life-permanent and temporar
		13.2 According to deck level–Deck, through and
6 <sup>th</sup>		
(24 Mar. – 31 Mar.)		semi-through
(2111011)	-	13.3 According to material-timber, masonry,
		steel, RCC, pre-stressed
		13.4 IRC classification
7 <sup>th</sup>	2. Bridges	14. Bridge Foundations: Introduction to open
(01 Apr. – 10 Apr.)		foundation pile foundation, well foundation
	2. Bridges	15. Piers, Abutments and Wing walls
		15.1 Piers-definition, parts; types-solid
8 <sup>th</sup>		(masonry and RCC), open
8 (11 Apr. – 19 Apr.)		15.2 Abutment sand wing walls—definition, type:
(11 Apr. 13 Apr.)	,	of abutments (straight and tee),
		abutment with wing walls (straight, splayed,
		return and curved)
	2. Bridges	16. Bridge bearings
9 <sup>th</sup>		Purpose of bearing; types of bearing-fixed plate
(20 Apr. – 27 Apr.)		rocker and roller
Class To	est – 2	In Third Week of April 2023.
	2. Bridges	17. Maintenance of Bridges
10 <sup>th</sup>	2. 5	17.1 Inspection of bridges
(28 Apr. – 04 May)		17.2 Routine maintenance
	3. Tunnels	18. Definition and necessity of tunnels
11 <sup>th</sup>		19. Typical section of tunnels for a national
(06 May – 12 May)		highway and single and double broad gauge railway track.
House	e Test	In the Second Week of May 2023
	3. Tunnels	20. Ventilation-necessity and methods of
12 <sup>th</sup>	J. Tullinela	ventilation, by blowing, exhaust and combinatio
12." (15 May – 20 May)		of blowing and exhaust
	3. Tunnels	21. Drainage method of draining water in tunnel
13 <sup>th</sup> (23 May-29 May)		22. Lighting in tunnels & lining of tunnels

14 <sup>th</sup> (30 May-05 June)	3. Tunnels	21. Drainage method of draining water in tunnels 22. Lighting in tunnels & lining of tunnels
15 <sup>th</sup> (06 June – 09 June)	Revision and doubt clearance	Revision and doubt clearance.

Signature of Teacher

(Er. Amandeep Singh)

Signature of HOD/OIC

(Er. Amandeep Singh)

### LESSON PLAN

Name of Faculty	LESSON		
Department		DeepaKapoor	
Semester		CIVIL ENGG.	
Subject		PRACTICES IN COMMUNICATION SKILLS	
Lesson Plan for the Dur	ation	FEB - JUNE 2023	
Week		PRACTICAL PRACTICAL	
1st (14Feb-21Feb.)	Exercises on phonetics	Exercises on phonetics Identifications of English phonemes.	
2nd (22Feb-28Feb)	Exercises on phonetics	Stress and Intonation Speaking exercises with emphasis on voice modulation (reading an extempore)	
3rd(1March-7March)	Group Discussion	Group Discussion	
		Exercises on	
4th(9March-16March)	3 Exercises on	- Self-assessment using tools like SWOT analysis.Listening skills.	
5lh(17March-23March)	Internet communication and Correspondence	Resume writing	
6th(24March-31March)	. Internet communication and Correspondence	Covering letter	
7th(1April-10April)	4. Internet communication and Correspondence	Agenda and Minutes of meeting	
8th(11April-19April)	4. Internet communication and Correspondence	Business Correspondence	
9th(20April-27April)	5. Exercises on	Exercises on Body language and Dress sense	
10th(28April-4May)	Exercises on	Etiquettes and mannerism in difficult situations like business meeting	
11th(6May-12May) Exercises on		Table manners, Telephone etiquette.	
12th(15May-20May)	Exercises on	Manners related to opposite gender  Cross-cultural Communication	
13th(23May-29May) Exercises on		Manners related to opposite gender  Cross-cultural Communication	
4th(30May-5June)	6 Mock interviews	Mock interviews (telephonic/personal)	
5th(6June-9June)	7 Role plays for effective Communication	Role plays for effective Communication	



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