

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch.**

Subject: ARCHITECTURE DESIGN-V

Subject Code: BARC1-533

L S T P: Lectures/Studios.

Session: Aug – Dec. 2020

Semester: 5TH

Batch: 2018

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17-8-2020		2		Design of multi storied residential and commercial buildings up to max. 5 stories e.g. Hotels, Hostels, Resorts etc.
2.	20-8-2020	2	3		Introduction of hostel and types of hostels.
3.	24-8-2020		2		Library study discussion
4.	27-8-2020	2	3		Presentation by students on library study
5.	31-8-2020		2		Presentation by students on library study
6.	3-9-2020	2	3		Presentation by students on library study
7.	7-9-2020		2		Review and discussion
8.	10-9-2020	2	3		Case study of hostel
9.	14-9-2020		2		Case study presentation by students
10.	17-9-2020	2	3		Case study presentation by students
11.	21-9-2020		2		Site introduction to students and discussion
12.	24-9-2020	2	3		Concept discussion and review
13.	28-9-2020		2		Concept presentation
14.	1-10-2020	2	3		MID SEMESTER TEST-1
15.	5-10-2020		2		MID SEMESTER TEST-1
16.	8-10-2020	2	3		Zoning of hostel review and discussion
17.	12-10-2020		2		Final submission of zoning
18.	15-10-2020	2	3		P.S. -1 discussion
19.	19-10-2020		2		F.S. -1 final submission and presentation by students
20.	22-10-2020	2	3		Final submission and presentation on hostel design
21.	26-10-2020		2		Library study discussion on resort
22.	29-10-2020	2	3		Case study discussion
23.	2-11-2020		2		Site introduction of resort/concept discussion
24.	5-11-2020	2	3		p.s.-1
25.	12-11-2020		2		F.S.-1
26.	16-11-2020	2	3		Guru Gadhi diwas sri guru granth sahib ji
27.	19-11-2020		2		Final submission
28.	23-11-2020	2	3		MID SEMESTER TEST-2

Remarks/ Site Visits / Case Studies etc. – N.A. due to covid

Subject In charge: Ar. Kajal Handa Arshi

Co-Teacher In charge: Ar.Gurmeet Kaur,
Ar.p.jasleen Kaur


5-10-2020

Academic In charge: Ar.Amamdeep Khiva

Head of Department: Dr.Bhupinderpal Singh Dhot

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch.**Subject: BUILDING CONSTRUCTION-V Subject Code: BARC1-534L S T P: Lecture/StudioSession: Aug – Dec. 2020

Semester: 5th semester

Batch: 2018

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17.08.2020	1	2		Introduction to framed construction in steel, characteristics of steel sections.
2.	18.08.2020	1	2		Steel sections, methods of jointing. Applications in various types of structures and different parts of buildings components.
3.	24.08.2020	1	2		Market survey for steel.
4.	25.08.2020	1	2		Steel roof truss
5.	31.08.2020	1	2		Truss Details for 7.5M to 15M span
6.	01.09.2020	1	2		Construction drawing for the trusses roofing system for hall 20 m by 120 m
7.	07.09.2020	1	2		North Light Truss & Lattice Girder Roof
8.	08.09.2020	1	2		North Light Final Submission and discussion
9.	14.09.2020	1	2		Review and discussion studio
10.	15.09.2020	1	2		Sketches of roof covering by students
11.	21.09.2020	1	2		North light truss free hand sketches
12.	22.09.2020	1	2		Truss terminology and discussion
13.	28.09.2020	1	2		North light truss design
14.	29.09.2020	1	2		Roof covering details
15.	05.10.2020	1	2		MID SEMESTER TEST-1
16.	06.10.2020	1	2		MID SEMESTER TEST-1
17.	12.10.2020	1	2		Details of Steel floorings in industrial buildings.
18.	13.10.2020	1	2		Design the mezzanine flooring in metal in the hall 20 m X 120 m
19.	19.10.2020	1	2		Metal Staircase design
20.	20.10.2020	1	2		Details of Metal Staircase Design
21.	26.10.2020	1	2		Steel stairs – straight flight and spiral.
22.	27.10.2020	1	2		Construction of various types of doors & windows in Steel & Aluminium
23.	02.11.2020	1	2		Rolled steel window design Details
24.	03.11.2020	1	2		Rolled steel window construction details
25.	09.11.2020	1	2		Rolled Steel Door Design, Construction Details
26.	10.11.2020	1	2		Thermal and Acoustic insulation of spaces
27.	16.11.2020	1	2		Metal cladding for facades/ Metal and gypsum false ceiling.
28.	17.11.2020	1	2		Aluminium doors design

29.	23.11.2020	1	2		MID SEMESTER TEST-2
30.	24.11.2020	1	2		MID SMESTER TEST-2
31.	30.11.2020	1	2		Birthday sri guru grants sahib ji

Remarks/ Site Visits / Case Studies etc. –N.A. Due to Covid

Subject In charge: Ar. Ripu Daman singh

Co-Teacher In charge: Ar. Gurmeet Kaur, Ar. Darshpreet Kaur



Academic In charge: Ar. Amandeep Khiva

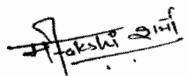
Head of Department: Dr. Bhupinderpal singh Dhot

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch. / M. Arch. / M. Planning****Subject: Landscape Architecture - I****Subject Code: BARC1-536****L S T P: 2 0 0 0****Session: Aug – Dec. 2020****Semester: 5TH****Batch: 2018**

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	19/08/2020	1	-	-	Introduction of Syllabus and basic definitions
2.	21/08/2020	1	-	-	Basic Introduction of Landscape architecture, basic definitions & process of design with suitable examples
3.	26/08/2020	1	-	-	Presentation on Elements of landscape both Natural and man-made are explained with sketches
4.	28/08/2020	1	-	-	Presentation on Element of Landscape Architecture & Introduce Assignment - 1
5.	02/09/2020	1	-	-	Introduce Assignment – 2 (Gardens), Explain importance, uses, advantages and disadvantages of Garden study.
6.	04/09/2020	1	-	-	Discussion on doubts of Assignment - 2
7.	09/09/2020	1	-	-	Presentation of Plant characteristics, plant propagation and impact of climate, soil and manure
8.	11/09/2020	1	-	-	Garden presentations : Mughal Gardens & share 2-3 books of landscape architecture for reference of trees, shrubs, creepers & cacti bushes in India. (Pdf format) – Google Classroom
9.	16/09/2020	1	-	-	Garden presentations : Italian Gardens & Introduce Landscape Design problem - 1
10.	18/09/2020	1	-	-	Presentation on Indoor plants (Benefits & types with characteristics) & Cacti bushes
11.	23/09/2020	1	-	-	Garden presentations : Chinese Gardens
12.	25/09/2020	1	-	-	Presentation on Trees of India (Benefits & types with characteristics)
13.	30/09/2020	1	-	-	Presentation on shrubs of India (Benefits & types with characteristics)
14.	02/10/2020	1	-	-	<i>Mahatma Gandhi Jayanti</i>
15.	07/10/2020	1	-	-	<i>M.S.T - I</i>
16.	09/10/2020	1	-	-	Garden presentations : French Gardens
17.	14/10/2020	1	-	-	Presentation on principles of Landscape Architecture
18.	16/10/2020	1	-	-	<i>-----Holiday-----</i>
19.	21/10/2020	1	-	-	Presentation on Hardscape & softscape elements of landscape & Discussion on design problem
20.	23/10/2020	1	-	-	Garden presentations : English Gardens
21.	28/10/2020	1	-	-	Pending presentations of Gardens
22.	30/10/2020	1	-	-	Presentation on site surveys: types, relevance, components; Functional and technical factors in site planning
23.	04/11/2020	1	-	-	<i>-----Discussion on Landscape design problem-----</i>
24.	06/11/2020	1	-	-	<i>-----Discussion on Landscape design problem-----</i>
25.	11/11/2020	1	-	-	<i>-----Discussion on Landscape design problem-----</i>

26.	13/11/2020	1	-	-	-----Discussion on Landscape design problem-----
27.	18/11/2020	1	-	-	Revision of Syllabus
28.	20/11/2020	1	-	-	<i>M.S.T - 2</i>
29.	25/11/2020	1	-	-	<i>M.S.T - 2</i>

Remarks/ Site Visits / Case Studies etc. – _____



Subject Incharge:

Co-Teacher Incharge:

Academic Incharge

Head of Department

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch. / M. Arch. / M. Planning**Subject: History of Architecture –IIISubject Code: BARC1-538L S T P: 2 0 0 0Session: Aug – Dec. 2020Semester: 5thBatch: 2018

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17-08-2020	1	-	-	Introduction and brief of syllabus
2.	21-08-2020	1	-	-	Introduction of Neoclassic Architecture
3.	24-08-2020	1	-	-	Developments and building examples from Italy
4.	26-08-2020	1	-	-	Introduction and History of Industrial Revolution
5.	28-08-2020	1	-	-	Influence of new construction materials, industrial techniques
6.	01-09-2020	1	-	-	Functional needs on building typology and architectural form through building examples.
7.	04-09-2020	1	-	-	Advances in steel construction With Examples
8.	08-09-2020	1	-	-	Development of the high-rise building.
9.	11-09-2020	1	-	-	Its impact on the development of new towns. e.g. Tony Garnier's Industrial city.
10.	15-09-2020	1	-	-	Quiz on Syllabus Covered
11.	18-09-2020	1	-	-	Lecture on Sikh Architecture and its elements
12.	22-09-2020	1	-	-	Lecture on Sikh Religious Architecture
13.	25-09-2020	1	-	-	Sketching on Sikh Religious Architecture
14.	29-09-2020	1	-	-	Doubts addressed regarding syllabus covered till date
15.	02-09-2020	1	-	-	MST-1
16.	06-09-2020	1	-	-	MST -1
17.	08-09-2020	1	-	-	Building Examples like Golden Temple Amritsar
18.	13-09-2020	1	-	-	Secular Buildings of Punjab
19.	16-09-2020	1	-	-	Holiday
20.	20-09-2020	1	-	-	Traditional Planning of Sikh towns.
21.	23-09-2020	1	-	-	Introduction to elements of Rajput Architecture
22.	27-09-2020	1	-	-	Forts and palaces of Jaipur, Jodhpur, Jaisalmer
23.	30-09-2020	1	-	-	Introduction to Colonial Architecture
24.	03-10-2020	1	-	-	Influence of climate and materials on architectural expression
25.	06-10-2020	1	-	-	Introduction to town planning in India with special reference to Planning of New Delhi by Edwin Lutyens
26.	10-10-2020	1	-	-	Examples of Colonial buildings in Calcutta, Bombay

27.	13-10-2020	1	-	-	Examples of Colonial buildings in Madras
28.	17-10-2020	1	-	-	Examples of Colonial buildings in New Delhi.
29.	20-10-2020	1	-	-	MST-2
30.	24-10-2020	1	-	-	MST -2

Remarks/ Site Visits / Case Studies etc.



Subject Incharge: Ar. Amandeep Kaur

Co-Teacher Incharge

Academic Incharge

Head of Department

GZS School of Architecture and Planning, MRSPTU, Bathinda

Course: B. Arch.

Subject: TALL BUILDINGS

Subject Code: BARC1-539

L S T P: LECTURES

Session: Aug – Dec. 2020

Semester: 5TH

Batch: 2018

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17-8-2020	1			Introduction of topics of syllabus
2.	19-8-2020	1			What are Tall buildings and examples.
3.	24-8-2020	1			Role of tall buildings and importance in urban context.
4.	26-8-2020	1			Fundamental of urban context
5.	31-8-2020	1			Factors of designing tall buildings
6.	2-9-2020	1			Architectural design factors for tall buildings
7.	7-9-2020	1			Conclusive results of tall buildings benefits to cities
8.	9-9-2020	1			Planning and designing impacts of tall buildings on urban context.
9.	14-9-2020	1			Advantages and disadvantages of tall buildings
10.	16-9-2020	1			World tallest buildings case study
11.	21-9-2020	1			Students presentation on tall buildings and discussion
12.	23-9-2020	1			Structural systems for high rise buildings
13.	28-9-2020	1			Steel structural systems.
14.	30-9-2020	1			Concrete structural systems
15.	5-10-2020	1			MID SEMESTER TEST-1
16.	7-10-2020	1			MID SEMESTER TEST-1
17.	12-10-2020	1			Student's presentation and discussion on case study of structures of high rise buildings.
18.	14-10-2020	1			Construction methods used for high rise structures construction.
19.	19-10-2020	1			Fire safety norms and architectural factors used for tall buildings safety against fire.
20.	21-10-2020	1 1			Importance and specifications of horizontal circulation.
21.	26-10-2020	1			Importance and specifications of vertical circulation.
22.	28-10-2020	1			Case studies analysis on circulations
23.	2-11-2020	1			Core services of buildings
24.	4-11-2020	1			Electrical services, Duct services.
25.	9-11-2020	1			Plumbing services
26.	11-11-2020	1			Ventilation and core shafts
27.	16-11-2020	1			Norms and standards for high rise buildings
28.	18-11-2020	1			Indian iconic high rise buildings

Remarks/ Site Visits / Case Studies etc. – N.A. Due to covid

Subject In charge: Ar.Gurmeet Kaur

Co-Teacher In charge: NO


5-10-2020

Academic In charge: Ar.Amamdeep Khiva

Head of Department: Dr.Bhupinderpal Singh Dhot