

GZS School of Architecture and Planning, MRSPTU, Bathinda

Course: **B. Arch.** / M. Arch. / M. Planning

Subject: Architectural Building Services

Subject Code: BARC1-965

L S T P: 2 - - 1 -

Session: Aug – Dec. 2020

Semester: IX

Batch: 2016

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	31/08/2020	1	-	-	Introduction to the course.
2.	3/09/2020	1	-	1	Intelligent Buildings –introduction, Case Study selection.
3.	7/09/2020	1	-	-	History and timeline of IBs.
4.	10/09/2020	1	-	1	Features and components of IBs
5.	14/09/2020	1	-	-	Systems in IBs.
6.	17/09/2020	1	-	1	Building Management System, Green building materials.
7.	21/09/2020	1	-	-	Green buildings versus Intelligent Buildings.
8.	24/09/2020	1	-	1	Case examples of IBs, NBC –fire and life safety introduction.
9.	28/09/2020	1	-	-	Fire protection and life safety bylaws from NBC.
10.	1/10/2020	-	-	-	----- MST - 1 -----
11.	5/10/2020	-	-	-	----- MST - 1 -----
12.	8/10/2020	1	-	1	Waste water management introduction, treatment & disposal.
13.	12/10/2020	1	-	-	Solid waste management – treatment of landfills & dumps.
14.	15/10/2020	1	-	1	Rainwater harvesting system installation
15.	19/10/2020	1	-	-	Case example of waste management best practices.
16.	22/10/2020	1	-	1	Specialised services for hospitals.
17.	26/10/2020	1	-	-	Specialised services for hotels & auditoriums.
18.	29/10/2020	1	-	1	Specialised services in public buildings – universal design.
19.	2/11/2020	1	-	-	Intelligent solar services – introduction and components.
20.	5/11/2020	1	-	1	Installation process, advantages and disadvantages.
21.	9/11/2020	1	-	-	Gas installation introduction & components.
22.	12/11/2020	1	-	1	Installation process, advantages and disadvantages.
23.	16/11/2020	1	-	-	Layout of intelligent systems in a project.
24.	19/11/2020	1	-	1	Services layout – gas installation & solar for residential projects.
25.	23/11/2020	-	-	-	----- MST - 2 -----

Remarks/ Site Visits / Case Studies etc. – Literature study of intelligent buildings and green building materials; Comparison of an ordinary building and an existing building based on selected parameters.

Subject Incharge:

Navana Verma

Co-Teacher Incharge: -

Academic Incharge

Head of Department

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

Subject: LANDSCAPE DESIGN.

Subject Code: BARC1-963L S T P: 1 0 0 2 Session: Aug – Dec. 2020Semester: IXthBatch: 2016

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	01.09.2020	1	-	-	Introduction to Landscape.
2.	02.09.2020	1	-	-	Introduction to unique geological forms on the planet.
3.	08.09.2020	1	-	-	Introduction to eminent personalities who brought significant changes in the society with their interventions.
4.	09.09.2020	1	-	-	Introduction to historical background of Landscape.
5.	15.09.2020	1	-	-	Introduction to Landscape design as interface between Man & Nature.
6.	16.09.2020	1	-	-	Classroom presentation.
7.	22.09.2020	1	-	-	Detail explanation of historical gardens: Enclosed landscapes.
8.	23.09.2020	1	-	-	Detail explanation of historical gardens: Enclosed landscapes.
9.	29.09.2020	1	-	-	Detail explanation of historical gardens: French Gardens.
10.	30.09.2020	1	-	-	Detail explanation of historical gardens: French Gardens.
11.	06.10.2020	1	-	-	----- MST- I -----
12.	07.10.2020	1	-	-	----- MST- I -----
13.	13.10.2020	1	-	-	Detail explanation of historical gardens: English Gardens.
14.	14.10.2020	1	-	-	Detail explanation of historical gardens: Japanese Gardens.
15.	20.10.2020	1	-	-	Introduction to ecology and its importance to Landscape Designers.
16.	21.10.2020	1	-	-	Advanced knowledge of basic elements of landscape such as earth, rock, water and vegetation.
17.	27.10.2020	1	-	-	Site analysis and site- structure unity.
18.	28.10.2020	1	-	-	Environmental Impact Assessment techniques.
19.	03.11.2020	1	-	-	National environmental policy and Bio-diversity significance in urban areas.
20.	04.11.2020	1	-	-	Basic knowledge of contour/mapping and various methods of documentation of physical features, topography and landscape elements.
21.	10.11.2020	1	-	-	Contemporary landscape design work/projects in India
22.	11.11.2020	1	-	-	Contemporary landscape design work/projects in India
23.	17.11.2020	1	-	-	Case studies of varied urban situations with typical different landscape characters in and around Chandigarh region
24.	18.11.2020	1	-	-	To analyze and assess varied urban situations present landscape status by applying knowledge and techniques acquired.
25.	24.11.2020	1	-	-	----- MST- II -----
26.	25.11.2020	1	-	-	----- MST- II -----

Remarks/ Site Visits / Case Studies etc.: Online case studies related to the subject content.

Subject Incharge:
Academic InchargeCo-Teacher Incharge:
Head of Department

GZS School of Architecture and Planning, MRSPTU, BathindaCourse: **B. Arch.** / M. Arch. / M. PlanningSubject: Urban DesignSubject Code: BARC1-958L S T P: 1 0 0 2Session: Aug – Dec. 2020Semester: 9thBatch: 2016

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	20-08-2020	1	-	-	Introduction and brief of syllabus
2.	21-08-2020	-	2	-	Discussion & Introduction, Role, Scope and Importance of Urban Design
3.	26-08-2020	-	2	-	Difference between Urban Design, Architecture and Town Planning
4.	27-08-2020	1	-	-	Elements of Urban Design
5.	02-09-2020	-	2	-	Discussion of Different patterns of Urban Design
6.	03-09-2020	1	-	-	Introduction to Imagability
7.	09-09-2020	-	2	-	Elements of Imagability and Discussion on Imagability with reference to students hometown
8.	10-09-2020	1	-	-	Planning Guidelines by Kevin Lynch
9.	16-09-2020	-	2	-	Discussion on site of Assignment (Redesign urban Space by addressing negative points) Given
10.	17-09-2020	1	-	-	Role and Importance of Designing Cities
11.	23-09-2020	-	2	-	Expert Lecture of Architectural Design
12.	24-09-2020	1	-	-	Designing cities (landscape features and utilities)
13.	30-09-2020	-	2	-	Discussion on site of Assignment (Redesign urban Space by addressing negative points) Given Cont.
14.	01-10-2020	-	-	-	MST-1
15.	7-10-2020	-	-	-	MST -1
16.	8-10-2020	1	-	-	Designing cities (other elements)
17.	14-10-2020	-	2	-	Shapes of the cities and discussion on progress of design proposal
18.	15-10-2020	1	-	-	Typology of Urban spaces
19.	21-10-2020	-	2	-	Characteristics of urban spaces and discussion on progress of design proposal
20.	22-10-2020	1	-	-	Urban Spaces in Historic Context
21.	28-10-2020	-	2	-	Design Principles and discussion on preliminary submission.
22.	29-10-2020	1	-	-	Development Controls
23.	04-11-2020	-	2	-	Discussion on preliminary submission.
24.	05-11-2020	1	-	-	Examples of capital cities
25.	11-11-2020	-	2	-	Green and sustainable development
26.	12-11-2020	1	-	-	Legal and Institutional Framework
27.	18-11-2020	-	2	-	Final Submission
28.	19-11-2020	1	-	-	Objectives of commission.
29.	25-11-2020	-	-	-	MST -2

Remarks/ Site Visits / Case Studies etc. No Case Studies or Site Visits due to Pandemic.


Subject Incharge: Ar. Amandeep Kaur

Co-Teacher Incharge

Academic Incharge

Head of Department

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch. / M. Arch. / M. Planning**Subject: RESEARCH METHODS & DISSERTATION WRITING. Subject Code: BARC1-957L S T P: 1 1 0 2 Session: Aug – Dec. 2020 Semester: IXth Batch: 2016

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	28.08.2020	1	1	-	Introduction to the subject, syllabus, course objectives & outcomes.
2.	01.09.2020	1	1	-	Introduction to evaluation.
3.	04.09.2020	1	1	-	Introduction to architectural evaluation.
4.	08.09.2020	1	1	-	Value interpretation in Architecture. Value judgement in Architecture.
5.	11.09.2020	1	1	-	Introduction to Architectural review writing.
6.	15.09.2020	1	1	-	How to write about Architecture.
7.	18.09.2020	1	1	-	----- Classes Suspended-----
8.	22.09.2020	1	1	-	Differentiating between descriptive writing and review writing.
9.	25.09.2020	1	1	-	Techniques of analysis and evaluation employed in buildings
10.	29.09.2020	1	1	-	Video presentation of Architectural critique writing.
11.	02.10.2020	1	1	-	----- Gandhi Jayanti -----
12.	06.10.2020	1	1	-	----- MST- I -----
13.	09.10.2020	1	1	-	Introduction to Value of appraisal
14.	13.10.2020	1	1	-	Discussion on evaluation reports and reviews in the field of architecture.
15.	16.10.2020	1	1	-	Discussion on evaluation reports and reviews in the field of fine-arts & literature.
16.	20.10.2020	1	1	-	Techniques of report and review writing.
17.	23.10.2020	1	1	-	Introduction to architectural publications.
18.	27.10.2020	1	1	-	Report and review writing application to architectural publications.
19.	30.10.2020	1	1	-	Introduction to Architectural Research in general.
20.	03.11.2020	1	1	-	Introduction to Architectural Research in profession.
21.	06.11.2020	1	1	-	Purpose and scope of Architectural Research
22.	10.11.2020	1	1	-	Research methods, evaluation of results and its application.
23.	13.11.2020	1	1	-	Architectural research in India from earliest time
24.	17.11.2020	1	1	-	Architectural research in India in present era.
25.	20.11.2020	1	1	-	----- MST- II -----
26.	24.11.2020	1	1	-	----- MST- II -----

Remarks/ Site Visits / Case Studies etc.: Extensive research on various examples/case studies related to the subject content.

Subject Incharge:

Co-Teacher Incharge:

Academic Incharge

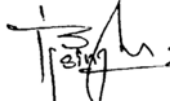
Head of Department

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch. / M. Arch. / M. Planning**Subject: Architectural Design –VIIISubject Code: BARC1-956L S T P: 2 4 0 4Session: Aug – Dec. 2020Semester: 9thBatch: 2016

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17-08-2020	1	5	-	Introduction and brief of syllabus and Introduction to Competition project
2.	19-08-2020	1	3	-	Discussion on Concept of Competition Project
3.	24-08-2020	1	5	-	Discussion on Spatial Plans of Competition Project
4.	26-08-2020	1	3	-	Discussion on Section and Elevations of Competition Project
5.	31-08-2020	1	5	-	Discussion of Preliminary Submission 1 of Competition Project
6.	02-09-2020	1	3	-	Discussion of Preliminary Submission 2 of Competition Project
7.	07-09-2020	1	5	-	Marking of Final submission and Introduction to Design Problem-1 , literature study or net study or case study was given as part of Design Problem -1
8.	09-09-2020	1	3	-	Discussion on literature study or net study or case study
9.	14-09-2020	1	5	-	Discussion on Case studies were done
10.	16-09-2020	1	3	-	Discussion on Final Design Program and Concept Development
11.	21-09-2020	1	5	-	Discussion on Final Design Program and Concept Development
12.	23-09-2020	1	3	-	Web seminar on Design Development
13.	28-09-2020	1	5	-	Discussion on Zoning/Layout Plan
14.	30-09-2020	1	3	-	Discussion on Zoning/Layout Plan
15.	05-10-2020	1	5	-	MST-1
16.	07-10-2020	1	3	-	MST-1
17.	12-10-2020	1	5	-	Discussion on Design Progress
18.	14-10-2020	1	3	-	Discussion on Design Progress
19.	19-10-2020	1	5	-	Preliminary Submission and Viva voce of Design Project -1
20.	21-10-2020	1	3	-	Viva voce of Preliminary Submission, Design Project -1
21.	26-10-2020	1	5	-	Introduction to Design Problem -II
22.	28-10-2020	1	3	-	Final Submission of Design Project -1
23.	02-11-2020	1	5	-	Discussion on literature study or net study or case study
24.	04-11-2020	1	3	-	Discussion on literature study or net study or case study
25.	09-11-2020	1	5	-	Discussion on Final Design Program and Concept Development
26.	11-11-2020	1	3	-	Discussion on Zoning/Layout Plan
27.	16-11-2020	1	5	-	Preliminary Submission and Viva voce of Design Project -II

28.	18-11-2020	1	3	-	Viva voce of Preliminary Submission, Design Project -II
29.	23-11-2020	1	-	-	MST-2
30.	25-11-2020	1	-	-	MST -2
31.	30-11-2020				Final Submission of Design Project -II

Remarks/ Site Visits / Case Studies etc.



Subject Incharge: Prof. (Dr.) BhupinderPal Singh



Co-Teachercharge: Ar. Amandeep Kaur,
Ar. Kajal Hnada Arshi,
Ar. Naveena

Academic Incharge

Head of Department