

GZS School of Architecture and Planning, MRSPTU, Bathinda

Course: B. Arch.

Subject: ARCHITECTURAL DESIGN -VII

Subject Code: BARC1-748

Session: Aug.-Dec 2020

Semester: 7th Batch: 2017

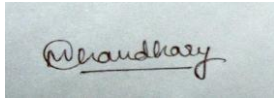
S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17.8.20	2	3		Brief Introduction of Hospital design
2.	21.8.20	-	4		Various Components & Terminology related to Hospital
3.	24.8.20	2	3		Discussion on Library Study about Hospital
4.	28.8.20	-	4		Presentation on existing case of government hospital at Jalandhar
5.	31.8.20	2	3		Site introduction and Analysis + Framing Requirements
6.	04.9.20	-	4		Discussion on Assigned work of students
7.	07.9.20	2	3		Discussion continued on Conceptual Design (Site Zoning)
8.	11.9.20	-	4		Discussion continued on Conceptual Design (Design Evolution)
9.	14.9.20	2	3		Discussion continued on Conceptual Design
10.	18.9.20	-	4		Discussion continued on Conceptual Design
11.	21.9.20	2	3		Preliminary Stage Discussion (zoning of proposed design)
12.	25.9.20	-	4		Preliminary Stage Discussion (zoning of proposed design)
13.	28.9.20	2	3		Preliminary Stage Discussion (zoning of proposed design)
14.	02.10.20				Gandhi Jayanti
15.	05.10.20				MID SEMESTER TEST-II
16.	09.10.20	-	4		Preliminary Stage of Design-II
17.	12.10.20	2	3		Discussion on basic layouts
18.	16.10.20				Gazetted Holiday
19.	19.10.20	2	3		Discussion on detailed drawing layouts
20.	23.10.20	-	4		Discussion of stage 2
21.	26.10.20	2	3		Discussion of stage 2
22.	30.10.20	-	4		Final stage submission including all drawings
23.	02.11.20	2	3		Introduction of second design problem(competition)
24.	06.11.20	-	4		Library Study + Case Study
25.	09.11.20	2	3		Site Analysis + Formation of Requirements
26.	13.11.20	-	4		Discussion on Site zoning/Concept

27.	16.11.20	2	3		Single line plans discussion (First Stage of Design-1)
28.	20.11.20	-	4		Submission of Final drawings plans
29.	23.11.20				MID SEMESTER TEST-II

Remarks/ Site Visits /Case Studies etc. - No case studies are referred due to the on-going Pandemic situation as a precautionary measure.

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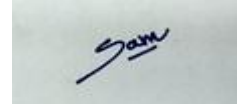
Subject Incharge- Ar.Ripudaman Singh



Co-Teacher Incharge- Ar.Meenu Chaudhary ,



Ar.Mitakshi Sharma,



Ar.Sampat Jhorar

Academic Incharge-Ar. Amandeep Kaur

Head of Department

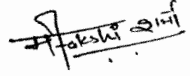
Dr.Bhupinder Pal Singh

GZS School of Architecture and Planning, MRSPTU, Bathinda**Course: B. Arch.****Subject: Building Construction -VII****Subject Code: BARC1- 749****L S T P: 2 2 0 2****Session: Aug. - Dec. 2020****Semester: 7th****Batch: 2017**

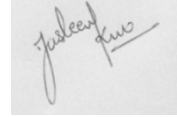
S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	18.08.2020	1	2	-	Introduction and brief of syllabus; formulation of sheets to be made in this subject. Introduction to project topic and study of standards.
2.	25.08.2020	1	2	-	Discussion on standards studied for project.
3.	27.08.2020	1	2	-	Modular Coordination (Part 1) and discussion on standards continued.
4.	01.09.2020	1	2	-	Modular Coordination (Part 1) and literature study or net study or case study was introduced.
5.	03.08.2020	1	2	-	Discussion on literature study/ net study and case study.
6.	08.09.2020	1	2	-	Discussion on literature study/ net study and case study continued; Design and working drawings of interior of any built form from syllabus introduced.
7.	15.09.2020	1	2	-	Discussion on Concept and Design Evolution.
8.	17.09.2020	1	2	-	Lecture on layout plan & lineout plan. Discussion on pending students concept sheets
9.	22.09.2020	1	2	-	Discussion on students Layout plan sheets
10.	24.09.2020	1	2	-	Discuss pending students Layout plan sheets and lineout plan
11.	29.09.2020	1	2	-	Discussion on students Lineout plan sheets
12.	01.10.2020	1	2	-	<i>MST- I week</i>
13.	06.10.2020	1	2	-	<i>MST- I week</i>
14.	08.10.2020	1	2	-	Lecture on Elevation and sections working
15.	13.10.2020	1	2	-	Lecture on Construction of structural & non-structural cladding & curtain wall & discussion on students elevation & section sheets
16.	15.10.2020	1	2	-	Lecture on Internal wall elevations working & discussion on pending students elevation & section sheets
17.	20.10.2020	1	2	-	Lecture on construction details of terrace garden & discussion on students external wall elevation sheets
18.	22.10.2020	1	2	-	Lecture on Electrical layout plan and pending discussion on external wall elevation sheets
19.	27.10.2020	1	2	-	Lecture on Prefabricated and precast building construction details & discussion on electrical layout plan sheets of students
20.	29.10.2020	1	2	-	Lecture on False ceiling layout plan & Introduce new assignment of prefabrication
21.	03.11.2020	1	2	-	Lecture on Tubular construction system details & discussion on false ceiling layout plan sheets of students
22.	05.11.2020	1	2	-	Lecture on Reception table /Storage units details & Introduce new assignment of Tubular construction system
23.	10.11.2020	1	2	-	Lecture on Construction details for earth quake resistant structures (Low rise) & discussion on reception table/storage units detail
24.	12.11.2020	1	2	-	Lecture on Blow up details: Partition wall details/ Thermal & Acoustic treatment details/Wall panelling details etc
25.	17.11.2020	1	2	-	Discussion on blow up details sheets of students

26.	19.11.2020	1	2	-	Lecture on construction details of passive methods of environment control in buildings & any pending discussion/doubts of students
27.	24.11.2020	1	2	-	MST- II

Remarks/ Site Visits / Case Studies etc.: _____



Subject Incharge



Co-Teacher Incharge

Academic Incharge

Head of Department

GZS School of Architecture and Planning, MRSPTU, BathindaCourse: **B. Arch.**Subject: **HOUSING**Subject Code: **BARC1-750**L S T P: **2 0 0 0**Session: **Aug – Dec. 2020**Semester: **VII**Batch: **Architecture**

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	17/8	1	-	-	Introduction, Role and Importance in the context of social context
2.	20/8	1	-	-	Introduction, Role and Importance in the context of economic context
3.	24/8	1	-	-	Housing Typologies
4.	27/8	1	-	-	Housing Comparative Advantages and Disadvantages
5.	31/8	1	-	-	Housing Need and Demand
6.	3/9	1	-	-	Housing Shortage, Problems
7.	7/9	1	-	-	Solutions in the Indian Context
8.	10/9	1	-	-	Housing Cost
9.	14/9	1	-	-	Housing Components
10.	17/9	1	-	-	Housing Strategies for minimizing Cost
11.	21/9	1	-	-	Institutions involved in Providing Housing in India
12.	24/9	1	-	-	Institutions involved in Providing Housing in India
13.	28/9	1	-	-	Housing Finance
14.	01/10	1	-	-	ISI Mid Semester Test
15.	5/10	1	-	-	ISI Mid Semester Test
16.	8/10	1	-	-	Institutions involved in Financing Housing in India
17.	12/10	1	-	-	Institutions involved in Financing Housing in India
18.	15/10	1	-	-	Affordable Housing
19.	19/10	1	-	-	Affordable Housing
20.	22/10	1	-	-	Land, its role and importance in Housing
21.	26/10	1	-	-	Slums – Definition
22.	29/10	1	-	-	Slums – Definition, Characteristics
23.	02/11	1	-	-	Slums – Causes and solutions in the Indian Context
24.	05/11	1	-	-	Housing policies in India.
25.	09/11	1	-	-	Housing policies in India.
26.	12/11	1	-	-	Housing through Five-year plans.
27.	16/11	1	-	-	Housing through Five-year plans.
28.	19/11	1	-	-	Role of private Sector in Housing.
29.	23/11	1	-	-	2nd Mid Semester Test
30.	26/11	1	-	-	Low Cost Housing.
31.	30/11	1	-	-	Guru Nanak Jayanti
32.	03/12	1	-	-	Housing Survey
33.	7/12	1	-	-	End Semester Examinations

Remarks/ Site Visits / Case Studies etc. –

Subject Incharge *K Anona 5/10*
Kapil Anona

Co-Teacher Incharge:

Academic Incharge

Head of Department

GZS School of Architecture and Planning, MRSPTU, Bathinda

Course: B. Arch.

Subject: TOWN PLANNING

Subject Code: BARC1- 752

L S T P: 2 - - -

Session: Aug.- Dec. 2020

Semester: 7th

Batch: 2017

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	02/09/2020	1	-	-	Introduction to the syllabus and various basic terms related to the subject.
2.	03/09/2020	1	-	-	Introduction to Town Planning and its various process and parameters.
3.	09/09/2020	1	-	-	Lecture and Discussion on Nile Valley Civilization in detail.
4.	10/09/2020	1	-	-	Lecture and Discussion on Greek Period Civilization in detail.
5.	16/09/2020	1	-	-	Lecture and Discussion on Roman Period Civilization in detail.
6.	17/09/2020	1	-	-	Lecture and Discussion on Town Planning in historical cities of India (Mohenjo Daro, Fatehpur Sikri, Jaipur, New Delhi)
7.	23/09/2020	1	-	-	Lecture and Discussion on Town Planning in historical cities of India (Mohenjo Daro, Fatehpur Sikri, Jaipur, New Delhi)
8.	24/09/2020	1	-	-	Lecture and Discussion on Human Settlements. Classification of settlements based on road pattern, form, space, use & population.
9.	30/09/2020	1	-	-	Lecture and Discussion on Urbanisation and its pattern (issues, problems & strategies) in India.
10	01/10/2020	1	-	-	<i>MST- I</i>
11	07/10/2020	1	-	-	<i>MST- I</i>
12	08/10/2020	1	-	-	Lecture and Discussion on various Town Planning schemes & policies on going in India.
13	14/10/2020	1	-	-	Lecture and Discussion on Master Plan and its various aspects.
14	15/10/2020	1	-	-	Lecture and Discussion on Regional Plan and its various aspects.
15	21/10/2020	1	-	-	Lecture and Discussion on concept of Smart Cities and Smart Cities Mission.
16	22/10/2020	1	-	-	Lecture and Discussion on concept of Smart Cities and Smart Cities Mission.
17	28/10/2020	1	-	-	Lecture and Discussion on Planning Concepts (Garden City & Linear City).
18	29/10/2020	1	-	-	Lecture and Discussion on Planning Concepts (Industrial City & Sustainable City).
19	04/11/2020	1	-	-	Lecture and Discussion on Planning Concepts (Compact City & Transit Oriented Development).
20	05/11/2020	1	-	-	Lecture and Discussion on New Towns in India (Chandigarh & Gandhinagar)

21	11/11/2020	1	-	-	Lecture and Discussion on New Towns in India (Bhubaneswar & Raipur)
22	12/11/2020	1	-	-	Lecture and Discussion on Development Authorities and their role and importance in Urban Development.
23	18/11/2020	1	-	-	Lecture and Discussion on Neighbourhood concept, its objectives and principles.
24	19/11/2020	1	-	-	Lecture and Discussion on Neighbourhood concept (case study)
25	25/11/2020	1	-	-	<i>MST- II</i>

Remarks/ Site Visits / Case Studies etc.:

Net Studies: study of various towns and cities will be done to emphasize their development patterns.



Subject Incharge

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Co-Teacher Incharge

Academic Incharge

Head of Department

GZS School of Architecture and Planning, MRSPTU, Bathinda

Course: B. Arch.

Subject: DISASTER MANAGEMENT

Subject Code: BARC1-762

L S T P: Lectures

Session: Aug – Dec. 2020

Semester: 7TH

Batch: 2017

S.no.	Date	Lecture (L)	Studio/ Practical (S/P)	Tutorial (T)	Topic/s to be Covered
1.	18-8-2020	1			Introduction about disasters ,Typologies of Disasters
2.	19-8-2020	1			Causes of natural Disasters and Manmade Disasters
3.	25-8-2020	1			Class discussion on causes of disasters
4.	26-8-2020	1			Disaster effects on buildings and on human life
5.	31-8-2020	1			Major preventions for Disaster
6.	1-9-2020	1			Earthquake and its causes, effects on structures
7.	8-9-2020	1			Earthquake problems and design issues
8.	9-9-2020	1			Study of earthquake zones, and Indian zones
9.	15-9-2020	1			Design and construction features for structures safety
10.	16-9-2020	1			Special construction techniques
11.	22-9-2020	1			Principles of RCC and masonry buildings
12.	23-9-2020	1			Role of architects and planners for safe buildings design
13.	29-9-2020	1			Fire , causes and effects
14.	30-9-2020	1			flood, causes and effects
15.	6-10-2020	1			MID SEMESTER TEST-1
16.	7-10-2020	1			MID SEMESTER TEST-1
17.	13-10-2020	1			cyclones and Landslide, causes and effects
18.	14-10-2020	1			tsunami, avalanches causes and effects
19.	20-10-2020	1			Preventions from all above disasters
20.	21-10-2020	1			Special construction techniques used for mitigation of fire,flood,landslides,avalanches,cyclones and tsunamis
21.	27-10-2020	1			Special building construction techniques to safe building designs
22.	28-10-2020	1			Disaster cycle management

23.	3-11-2020	1			Pre- disaster management
24.	4-11-2020	1			Post disaster management
25.	10-11-2020	1			Issues and problems of pre and post disaster management
26.	11-11-2020	1			Projects case studies who work for rehabilitation work
27.	17-11-2020	1			National disasters management plan 2016

Remarks/ Site Visits / Case Studies etc. – N.A.

Subject In charge: Ar.Gurmeet Kaur

Co-Teacher In charge: NO

Gurmeet
5-10-2020

Academic In charge: Ar.Amamdeep Khiva

Head of Department: Dr.Bhupinderpal Singh Dhot