PROPOSED (REVISED) STRUCTURE FOR FOURTH YEAR B.ARCH.
(TO BE IMPLEMENTED FROM 2011-12)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	TermI Marks	Term II Marks	Total Marks
1a	413421	Architectural Project-I	SS	Term I	--	3	3	100	--	100
1b	413422	Architectural Project-II	SV	Term II	2	10	12	--	500	500
2a	413423	Architectural Design IV a	SV	Term I	2	7	9	300	--	300
2b	413424	Architectural Design IV b	Design Paper						100	100
3	413425	Advanced Construction, Materials & Services	SV		4	4	8	150	150	300
4a	413426	Elective I & II	SS	Term I	1	2	3	50 + 50	--	100
4b	413427	Elective III & IV	SS	Term II	1	2	3	--	50 +50	100
5a	413428	Town Planning a	SS		2	4	6	50	50	100
5b	413429	Town Planning b	Theory Paper						100	100
6a	413430	Professional Practice a	SS		2	2	4	50	50	100
6b	413431	Professional Practice b	Theory Paper						100	100
7a	413432	Contemporary Arch-History	SS	Term I	1	2	3	50	-	50
7b	413433	Contemporary Arch-Seminar	SS	Term II	1	2	3		50	50
		TOTAL			12	24	36	800	1200	2000

ARCHITECTURAL PROJECT –I & II

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	TermI Marks	Term II Marks	Total Marks
1a	413421	Architectural Project-I	SS	Term I	--	3	3	100	--	100
1b	413422	Architectural Project-II	SV	Term II	2	10	12	--	500	500

Term I
Sessional- Internal 50 -External 50 Total 100

TERM II
Sessional –Internal 200, External 200, Viva-voce 100 (Internal 50 and External 50) Total 500

ARCHITECTURAL PROJECT –I (TERM I)

- **OBJECTIVES**

a. To introduce the students to research in architecture and its significance in the architectural practice.
b. To introduce the students the types of research in architecture and the process of formulating a research plan.
c. To introduce the students to various methods of research in architecture, their relative advantages and disadvantages and their applications.
d. To enable the students to understand to link research and design.
e. To introduce the students to the technical writing.

- **COURSE OUTLINE**

Introduction to research in architecture – its need, significance, research design, types of research, literature study, methods of research in architecture, application of research in design.

- **TEACHING PLAN**

In order to achieve the two-fold aim of acquainting the students with the research process and then enabling them to relate research to design, following teaching plan is suggested.

1. Research – meaning, need, significance and application in architecture.
2. Types of research in architecture.
3. Steps in undertaking a research project.
4. Methods of research – Data collection using survey, observation, case study, content analysis using secondary data sources.
5. Literature sources.
6. Communicating research and technical writing.
7. Research for architectural project.
8. Preparing theoretical framework for the Arch. Project II (defining scope, objectives, identifying type of data (primary / secondary) required for design, identifying case studies, data sources and methods).

- **SESSIONAL WORK**

1. A **Tutorial** on the topic nos. 1 to 4 in the teaching plan above.(25% of total marks)
2. **Writing a summary** of about 1000 words on any one book / part of a book (chapter) related to architecture, read by the student. (25% of total marks).
3. Undertaking **small research** on a topic, preferably related to the Arch. Project II topic of the student and presenting it in form of a **research paper** of about 2000 words.(50% of total marks).

- **RECOMMENDATIONS**

1. **Topic for Research** : It is preferable that the topic of research is related to the "Architectural Project II" the student intends to undertake. This will help the student to extend the findings of the research to the architectural design. However depending upon the philosophy of a particular college, the college may allow topics focusing upon a particular area related to their mission statement, which may result in topics, which are unrelated to the Architectural Project II.
2. **Guide :** The guides should have minimum 5 yrs. of teaching / professional experience.

- **Recommended Books**

1. Babbie, E. *The Practice of Social Research*, (third edition). Belmont :Wadsworth Publishing Co. 1983.
2. Groat, L. & Wang, D. *Architectural Research Methods*, NY : John Wiley and Sons Inc. 2002.
3. Kothari, C.R. *Research Methodology : Methods and Techniques*, New Delhi : Wishwa Prakashan. 2005.
4. Sanoff, H. *Methods of Architectural Programming*, Dowden Hutchinson and Ross, Inc. Vol. 29, Community Development Series. 1977.
5. Sanoff, H. *Visual research methods in design*, USA : Van Nostrand Reinhold. 1991.

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ARCHITECTURAL PROJECT –II (TERM II)

OBJECTIVE :

The purpose of the project is to allow the student to pursue an independent line of study for a defined period in considerable depth bringing together various skills from studio and classroom which have been acquired over the previous years. It is supposed to be a comprehensive summary of what has been learned to date by the student, so technical competence must be exhibited in all aspects of the project.

This is an introduction and appreciation of the design process through dealing with more complex buildings and larger project sites. The concept of building design as a multi-disciplinary approach is to be introduced. Integration of structural, mechanical, and environmental control systems with the building function, form, and spaces' organization is to be emphasized. Students should be encouraged to consider some of the concepts such as contemporary issues and trends, environmental sensitivity, accessibility for the physically challenged, alternative energy sources, safety aspects of the users/inhabitants, heritage sensitivity and professionalism in the construction and architectural industry. Students should exhibit their competence with reference to:

- Site analysis and understanding its implications on design and apply different approaches to design problem solving considering context.
- Exploring design alternatives to resolve form-function relationship.
- Developing an architectural design considering several building engineering systems integration.
- Utilizing computing essentials, IT, and contemporary resource in the analysis and solution of architectural design-related problems.
- Communicating design through visual, oral and written media.

COURSE OUTLINE

The Project should include research, program development, site selection and analysis and design demonstration.

The expected effort must be commensurate with the assigned time and the level of expertise required for a student who is at the final stage of award of B.Arch Degree.

While there is no limitation on the typology and scale of architectural project, following guidelines may be considered for deciding the scope of the project. Acceptability will be determined based on clarity of the problem statement, the relative complexity of the problem, and a judgment of the ability of the student to deal with the problem by the Programme coordinator at the institute. A project which concentrates on issues of large scale development must include a minimum of architectural content that demonstrates the relationship of the project to built form.

- In a relatively simple project, however, detailed investigations would be expected. The project must include investigations that go well beyond those contained in a basic architectural presentation of plans, sections, and elevations.
- All projects must demonstrate the ability to create architectural form and resolve relevant issues of site, structure and construction.
- This project is the integration of structural, environmental controls, building envelope, and building service systems in the design of the buildings. Fundamental design issues related to programming, aesthetics, and function are integrated with the above. Emphasis is placed on developing a systematic approach to architectural design while simultaneously dealing with the development of design theory and intellectual inquiry.

Research Requirements

The project is an investigation of architectural principles and the testing of them in the form of a design exercise. The process assumes that the students will research the critical principles that surround their topic and the characteristics of the selected building type as well. This research may form part of the Project I phase, and will extend into the Project II. The research should cover the Idea, Case Studies, Site Analysis, along with a complete bibliography of the sources student have consulted and intend to consult during the Project II.

SESSIONAL WORK:

Graphical : Students shall produce a Comprehensive set of drawings in which project intent is clearly delineated. The candidate must prepare drawings adequate to explain the design in the form of hard copies/printouts with adequate graphical quality. The three dimensional presentation in the form of perspective views, models should preferably accompany to demonstrate the overall architectural character of the project as a whole. The scope and scale of project would dictate the details expected in a project.

The report : The report should contain Introduction to design, problems, limitations, and design criteria. Collection of data, case studies required in the design process for analysis and evaluation, design solutions with illustrations in standard format.

ARCHITECTURAL DESIGN IV a & b

Sr. No.	**Subject Code**	**Name of Subject**	**Head**	**Teaching Scheme**				**Examination Scheme**		
					Lecture Periods	**Studio Periods**	**Total Periods**	**TermI Marks**	**Term II Marks**	**Total Marks**
2a	413423	Architectural Design IV a	SV	Term I	2	7	9	300	--	300
2b	413424	Architectural	Desig						100	100

		Design IV b	n Paper			

Term I
Sessional : Internal 125 External 125 Viva-voce 50 (Internal 25 + External 25) Total 300

OBJECTIVE

Introduce students progressively to designing for larger environmental contexts (preferably Indian) and for more complex multifunctional complex of buildings / situations like mass scale residential, institutional, commercial, transportation, health-care facilities.

COURSE OUTLINE

Any one of the following topics shall be selected for design demonstration:

A. Design of Urban Large Scale/density based housing with minimum 100 tenements.
B. Design of multifunctional complex of buildings in the urban context.

Issues related to the growing problems of urban areas shall be explored. Emphasis on the design with relation to the contextual environment, traffic and planning controls and impact analysis. Socio-economic determinants, legislative (Building bye-laws, GDCR, CRZ, EPA, ECBC etc.), economic constraints and technological alternatives shall be studied in detail. Emphasis should be on development of the ability of the student to tackle complexities of scale and multiple functional aspects simultaneously- and should include:

- Site Planning
- Structural considerations
- Interior space planning
- Environmental planning
- Building Services
- Climate responsive, Energy efficient and exhibiting qualities of sustainable architecture.

Emphasis shall be given to the preparation of self-explanatory drawings, as in an Architectural Competition.

SESSIONAL WORK

Complete Self-explanatory project, graphically presented in the form of hard copies / printouts showing comprehensive understanding of the design and implementation process as mentioned in the course outline. All Architectural Design Assignments and submissions shall lay emphasis on designing Earthquake Resistant Structures, which will be worked out in consultation with the Teacher of Structures and the submission work will reflect various technologies adopted.

REFERENCE BOOKS :
All available books on Architectural Design.

ADVANCED CONSTRUCTION, MATERIALS & SERVICES

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	Terml Marks	Term II Marks	Total Marks
3	413425	Advanced Construction,	SV		4	4	8	150	150	300

		Materials & Services								

Sessional-Term I –Internal 50, External 50 Viva 50 (Internal 25 + External 25) Total 150,
Sessional-Term II –Internal 50, External 50 Viva 50 (Internal 25 + External 25) Total 150,

OBJECTIVES

To enable the students to integrate the concepts of different structural systems in building design. To enable the students to make appropriate choice of structural system and materials to address the design concerns in an integrated manner To introduce students to advanced structural systems, materials and services required in buildings / situations with complexities and special requirements..

Term I

Course Content

1. Industrial roofing systems with details of natural lighting, ventilation, rain water drainage.
2. Design and construction of swimming pools with details of plumbing, underwater lighting, drainage and filtration.
3. Design and construction of auditoriums including details of balcony and acoustical treatment.
4. Introduction to long span structures in steel and concrete and study of their applications in design.

Submissions

1. Drawings to be made for the Topics 1 to 3 above.
2. Topic 4 to be in form of case studies, notes, sketches and market surveys.

Term II

Course Content

1. Construction and design of multi-basements with regards to natural lighting, ventilation, access and fire safety.
2. Construction details of a building / part / feature in a design project.
3. Introduction to high rise structures.
4. Seismic Design.
5. Study of Curtain walls.

Submissions

1. Drawings to be made for the Topics 1 and 2 above.
2. Topic 3 to 5 to be in form of case studies, notes, sketches.

R**EFERENCE BOOKS** :

Elements of Structures by MORGAN
Building Construction by MACKAY WB. Vol. 1 to 4
Construction of Building by BARRY Vol. 1 to 5
Construction Technology by CHUDLEY R. Vol. 1 to 6
Building Construction illustrated by CHING FRANCIS D. K.

Structure and Fabric by EVERET
National Building Code and I.S.I. Specifications
Materials and Finishes by EVERET
A to Z Building Materials in Architecture by HORNBOSTLE

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ELECTIVE I & II (Sessional)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	Terml Marks	Term II Marks	Total Marks
4a	413426	Elective I & II	SS	Term I	1	2	3	50 + 50	--	100

DESIGN & TECHNOLOGY ELECTIVE

TERM I

Elective I - **Design Elective** : Sessional Internal 25 External 25 Total 50
Elective II - **Technology Elective** : Sessional Internal 25 External 25 Total 50

OBJECTIVES

The subject of Electives has been introduced in the syllabus with the specific intention of study of a particular subject of a student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future. Architectural practice is a team effort in which persons of different skills in varied fields are required such as concept developers, technical / working drawing experts, specification writers, quantity surveyors, project managers, contract managers, interior designers, architectural photographers, architectural Journalists, signage and graphic designers, energy consultants, building services consultants, marketing managers etc.

The Colleges will have the opportunity to focus upon a particular group of Design and Technology electives depending upon the overall philosophy and mission statement of the College. Individual colleges may offer topics depending upon the availability of experts and resource material.

COURSE OUTLINE : DESIGN ELECTIVE

The probable Design Elective topics are as follows :

1. Interior Design
2. Industrial and Product Design
3. Urban Design
4. Advanced Landscape Design
5. Housing
6. Set Design
7. Special Facilities Planning
8. Sustainable Development and Architecture
9. Barrier free Design
10. Climate responsive Architecture
11. Theory of Architecture.
12. Architectural Conservation

13. Digital Architecture

COURSE OUTLINE: TECHNOLOGY ELECTIVE :

The probable Technology Elective topics are as follows

1. Modular Planning and System Building Construction
2. Non-Conventional Technologies
3. Rural (Vernacular) Architecture.
4. Energy Efficient and Eco Friendly Construction
5. Smart and Intelligent Buildings
6. Building Performance Analysis and Appraisal
7. Structure and Form in Architecture.
8. Disaster resistant architecture
9. High rise buildings
10. Futuristic architecture
11. large span construction
12. Advanced services
13. GIS and remote sensing

Detail syllabus for all Elective Topics can be finalized, considering the time and marks allotted to the subject, by individual College in consultation with expert faculty and can be implemented after approval by the board of studies.

SUBMISSION DETAILS :

The students are expected to study the selected topic, including the basic principles, and their application in built projects by undertaking case studies, necessary site visits, and collecting all the relevant information to make it an exhaustive study and present it in a well documented report in standard format.

ELECTIVE III & IV (SESSIONAL)

Sr. No.	**Subject Code**	**Name of Subject**	**Head**	**Teaching Scheme**				**Examination Scheme**		
					Lecture Periods	**Studio Periods**	**Total Periods**	**TermI Marks**	**Term II Marks**	**Total Marks**
4b	413427	Elective III & IV	SS	Term II	1	2	3	--	50 +50	100

TERM II

Elective III- **Management Elective** : Sessional Internal 25 External 25 Total 50
ElectiveIV- **Allied Elective** : Sessional Internal 25 External 25 Total 50

OBJECTIVES

The subject of Electives has been introduced in the syllabus with the specific intention of study of a particular subject of a student's liking in greater detail but in the larger context of overall scope of Architecture syllabus at undergraduate level. This will give students an opportunity to develop their skills in a subject they may opt, to make their career in future.

The Colleges will have the opportunity to focus upon a particular group of Design and Technology electives depending upon the overall philosophy and mission statement of the College. Individual colleges may offer topics depending upon the availability of experts and resource material.

COURSE OUTLINE MANAGEMENT ELECTIVE

The probable topics for management elective are as follows :

1. Project Management.
2. Energy management.
3. Architectural legalities.
4. Architect's office management.
5. Disaster and risk management.
6. Information Technology in Architectural profession.
7. Design Management
8. Contract management
9. Facilities management

COURSE OUTLINE – ALLIED ELECTIVE

The probable topics for the Allied Elective are as follows :

1. Visual Communication
2. Fine Arts and Graphics
3. Architectural Journalism
4. Advanced Computer Graphics
5. Photography
6. Applied Psychology in Arch.
7. Applied Sociology in Arch.
8. Building Economics
9. Geography and geology
10. Performing arts and architecture
11. Traditional Crafts

Detail syllabus for all Elective Topics can be finalized, considering the time and marks allotted to the subject, by individual College in consultation with expert faculty and can be implemented after approval by the board of studies.

SUBMISSION DETAILS :

The students are expected to study the selected topic, including the basic principles, and their application in built projects by undertaking case studies, necessary site visits, and collecting all the relevant information to make it an exhaustive study and present it in a well documented report in standard format

TOWN PLANNING A (SESSIONAL) & B (PAPER)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	Terml Marks	Term II Marks	Total Marks
5a	413428	Town Planning a	SS		2	4	6	50	50	100

5b	413429	Town Planning b	Theory Paper		100	100

Town Planning A : Term I Internal 25 External 25 Total 50
Term II Internal 25 External 25 Total 50
Town Planning B : Term II Paper 100

OBJECTIVE

- To introduce the students to the concepts and theories of planning and the relationship between architectural development and its larger context of the town.
- To introduce the students to planning byelaws which govern the architectural development.
- To introduce the students to the concepts and theories in urban design.
- To enable the students to understand the issues involved in projects of larger scale and undertake design and planning of projects of a larger scale.

COURSE OUTLINE

TERM I

Unit I: Planners & Theories
- Introduction to the subject of Town Planning, need of study of Town Planning for an architect.
- Planning Theories – Theories by Robert Owen, Tony Garnier, Sir Patrick Geddes, Sir Ebenezer Howard, Le Corbusier, C. A. Doxiadis, Frederick Law Olmsted, Clarence Perry, Clarence Stein, Lewis Mumford.

Unit II: Urban Planning in India
- Post Independence development of New Towns and cities in India
- Classification of Towns in India
- Introduction to Town Planning Schemes, Development Plan and Regional Plan
- UDPFI, Development Control Rules
- Housing – National housing policy, social aspects of housing, economics of housing, types of housing

SESSIONAL WORK

- A journal containing the notes on various theory topics covered in the syllabus.
- Case studies, site visits, study and analysis of neighborhoods, contemporary issues by article / paper reviews of the topics in the above units should be compiled.
- Studio assignment comprising of subdivision of plots.

TERM II

Unit III: Town Planning Acts & Organisations
- Introduction to types of surveys (Physical, Socio-Economic and Aesthetic Surveys)
- Introduction to Planning Legislation: Municipal Act, M.R. & T.P. Act, Land Acquisition Act, Slum Redevelopment Act, Urban Arts Commission Act, Tree Act, Environment Protection Act, M.I.D.C. Act, MHADA Act. SEZ and CRZ regulations.Town ship act.
- Introduction to Local Self Government in urban and rural areas, introduction to 73rd and 74th Amendment of the constitution.

Unit IV: Urban Design

- Introduction to Urban Design Theories.
- Introduction to Urban Renewal, Heritage Zones.
- Traffic and Transportation.
- Urban landscape.

SESSIONAL WORK

- A journal containing the notes on various theory topics covered in the syllabus.
- Studio assignment of an urban design scale involving various issues such as social, economic, traffic, etc. The project should involve identification of the issues, collection of data, its analysis and application to resolve the issues. The project may be conducted in groups of not more than three students in a group.

REFERENCE BOOKS :

1. Urban Pattern – Arthur B. Gallion
2. Design of Cities – Edmund Bacon
3. Site Planning – Kevin Lynch
4. Image of the City – Kevin Lynch
5. Town and Country Planning in India – N. K. Gandhi
6. Town Planning – Law, Administration and Professional Practice – G. R. Diwan
7. P.W.D. Handbook of Town Planning
8. Development Plan and Regional Plan Reports
9. Tomorrow – Peaceful Path To Social Reforms – Sir Ebenezer Howard.
10. Basics of Town Planning – J. G. Keskar
11. Townscape – Gordon Cullen
12. Architecture of Town and Cities – Paul D. Spreiregen
13. The New Landscape – Charles Correa
14. Land Acquisition Act of 1894
15. Maharashtra Slum Redevelopment Act
16. Urban Arts Commission Act
17. M.R. & T.P. Act of 1966.

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PROFESSIONAL PRACTICE A (SESSIONAL) & B (PAPER)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	Terml Marks	Term II Marks	Total Marks
6a	413430	Professional Practice a	SS		2	2	4	50	50	100
6b	413431	Professional Practice b	Theory Paper						100	100

Professional Practice A : Sessional Term I Internal 25 External 25 Total 50
Sessional Term II Internal 25 External 25 Total 50
Professional Practice B : Term II Paper 100

OBJECTIVES :

- To acquaint the student with the various responsibilities of an architect and understand the technicality of the profession.
- To acquaint students with avenues of professional services as well as with relevant scope, mode and conduct of architectural practice.
- To acquaint students with documentation and procedures for execution of building works/projects as well as with managerial aspects of the same.

COURSE OUTLINE

TERM I

1. Nature of profession, difference between trade, business and profession,
2. Emerging role of architectural profession in the global context.
3. Introduction to the nature & scope of Council of Architecture and professional organisations like IIA.
4. Detailed study of scope of comprehensive architectural services as framed by COA
5. Code of Conduct, scale of professional fees as per rules and regulations framed by COA
6. Architectural Competition-Guidelines of the Council of Architecture.
7. Elements of Valuation of properties, its purpose and different methods of valuation as adopted by different organizations / bodies.

Sessional Work

A Journal covering notes on each topic shall be prepared.

TERM II

1. Tenders – Types and procedures, selection of contractor for building work / project, prequalification of contractors, letter of Intent / "Works-order" to the Contractor.
2. Articles of Agreement and Conditions of Contract. (Study of conditions stipulated by I.I.A., Price Escalation).
3. Architectural supervision, Site - visit reports and instructions, quality control and monitoring of projects
4. Introduction to 'Arbitration'.

Sessional Work

A Journal covering notes on each topic shall be prepared.

RECOMMENDED READINGS :

(1) Private Architectural practice – by Manrice E. Tayler
(2) Architectural Practice and Procedure – by Hamilton H. Turner.
(3) Professional Practice in India – by Madhav G. Deobhakta
(4) Professional Practice – by R. H. Namavati
(5) Architect's Act 1972
(6) Council of Architecture and I.I.A. Publications relevant to the 'Course-outline above'.

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CONTEMPORARY ARCHITECTURE-History (Sessional)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	TermI Marks	Term II Marks	Total Marks
7a	413432	Contemporary Arch-History	SS	Term I	1	2	3	50	-	50

Term I Internal 25 External 25 Total 50

COURSE OBJECTIVES:

Contemporary architecture is the synthesis of a series of progressive developments in the architectural realm since post-industrial period. It is necessary for students to understand the underpinnings, arguments, manifestations, and impacts and processes of this period and the contribution of various personalities in a wider context.

COURSE OUTLINE:

The study takes a general overview of the development of architecture during the last one hundred and fifty odd years. It takes a thematic approach rather than chronological. The study intends to impress upon the student the various strands of architectural development and their contribution to the current architecture.

The study emphasizes to inculcate the research spirit and awareness of architectural heritage among the students.

COURSE CONTENT

1. Development of new materials (Development of Steel, Glass, Concrete and its effect on architecture)
2. The search for appropriate styles and forms Revival of Styles, War of Styles, Exotic Styles, Writings of Viollet-le-Duc, Gropius, Corbusier, Works of Augustus Perret, Frank Llyod Wright, Adolf Loos, early Mies, Arts and Crafts, Constructivism, Art Noveau)
3. Influences of fine arts and literature on architecture (Cubism, De Stilj, Expressionism, Modern, Post Modern, Deconstruction)
4. Development of the high rise (Growth of American Cities, Development of technology, New space requirements, Works of Sullivan, Burnham, Mies, SOM, Fazlur Rahman, IM Pei, Norman Foster, Growth in South East Asia and Middle East)
5. Modernism and International Style (Bauhaus, MOMA exhibition, Philip Johnson, Architecture of the 1930s- 1970s in Europe and America)
6. Influential personalities and theories (Wright, Corbusier, Gropius, Mies, Fuller, Kahn)
7. Influential works (Barcelona Pavilion, Savoy, Chandighr, IIM Ahmedabad,
8. Regional plurality, variations, developments and innovations (Alvar Alto, Hasan Fathy, Doshi, Correa, Kanvinde, Maki, Kurukawa, Oscar Nemier, Mario Bota,
9. Concerns of the developing world (Continuity of traditions, Cultural appropriateness, Economy, Technology transfer, Housing)

10. Development of the contemporary house (Housing from Art and Crafts, Augustus Perret, J P Oud, Housing in Russia and China, Wright, Mies, Corbusier, Kahn, Venturi, Siza, Safdie, Doshi, Correa, Rewal, Hafeez)
11. After modernism (Questioning modernism, beginnings and underpinnings of post modernism, deconstruction, hi-tech, biomimicry)
12. Contemporary Indian- Masters and Later

SESSIONAL WORK
The Sessional work shall comprise of a hand written and hand annotated Journal based on the lecture themes.

RECOMMENDED READINGS:
1. Modern Architecture since 1900 by William Curtis
2. Modern Architecture (Vol. I & II) by Manfredo Tafuri, Francesco Dal Co
3. A History of Western architecture by David Watkin
4. The Story of Western Architecture by Bill Risebero
5. A critical History of Architecture by Kenneth Frampton

CONTEMPORARY ARCHITECTURE-Seminar (Sessional)

Sr. No.	Subject Code	Name of Subject	Head	Teaching Scheme				Examination Scheme		
					Lecture Periods	Studio Periods	Total Periods	Terml Marks	Term II Marks	Total Marks
7b	413433	Contemporary Arch-Seminar	SS	Term II	1	2	3		50	50

Term II Internal 25 External 25 Total 50

COURSE OBJECTIVES:

To equip the student to understand and reflect on the study of contemporary architecture carried out in the Term 1, and then research and comment on it and communicate these effectively using various mediums of verbal, written, graphic and electronic communication.

COURSE OUTLINE :

Part 1
Lectures/ Workshops on:
Various mediums of communication

1. **Written Communication:** Language Skills, structuring of ideas, Various types of written Communication**,** Understanding the reader /purpose of the communication, Preparation of drafts, finalization of content.

2. **Graphic Communication:** Use of software and other media suitable for graphic communication.

3. **Electronic Communication:** Introduction to presentation techniques & formats using computer.

4. **Oral communication:** Language skills, Understanding the audience, transmitting of ideas, etc.

5. **Group Communication:** Communication within a group, group presentations, group discussion etc.

Part 2

Seminar on Contemporary Architecture : Suggested themes for the seminar may be:

1. Architects and their works
2. Styles and Isms
3. Regional developments
4. Critical appraisal of theories
5. Triggers for architectural development
6. Architecture and the city
7. Local agenda for architecture
8. Multidisciplinary practice (new disciplines of management, contributions of various fields like design, services, structure, marketing, software)
9. Ethics in architecture
10. Architecture of the built (Redevelopment, reuse, adaptation, conservation, maintenance, renovation, etc)
11. Architecture for the common man (the immediate built environment, housing, awareness and taste, humane habitats)
12. New concerns (green, sustainable, earthquake proof, accessible)
13. Patrons and their products
14. Semiotic interpretations
15. Streams of Modern Indian Architecture
16. New trends and experiments
17. Changing technology- changing architecture

SESSIONAL WORK:

- Classroom presentation (Seminar)
- Seminar Report