JAGANNATH UNIVERSITY, JAIPUR

(UGC Approved & NAAC Accredited)

BACHELOR OF ARCHITECTURE (ET0241)
B. ARCH.

Program Outcomes

Program Specific Outcomes

Course Outcomes

BACHELOR OF ARCHITECTURE

PROGRAMME OUTCOMES (POs)

PO1: Understand the real-life situation in architectural practice and recognize the dialectic relationship between people and the built environment (especially with reference to the Indian sub-continent) with reference to their needs, values, behavioural norms, and social patterns.

PO2: Work collaboratively toward synthetic design resolution which integrates an understanding of the requirements, contextual and environmental connections, technological systems and historical meaning with responsible approach to environmental, historical and cultural conservation.

PO3: Apply visual and verbal communication skills at various stages of the design and delivery process.

PO4: Thrive in a rigorous intellectual climate which promotes inquiry through design research.

PO5: Produce professional quality graphic presentations and technical drawings/documents.

PO6: Critically analyse building designs and conduct post-occupancy evaluations.

PO7: Work in a manner that is consistent with the accepted professional standards and ethical responsibilities.

PO8: Work in collaboration with and as an integral member of multi-disciplinary/interdisciplinary design and execution teams in the building industry.

PO9: Conduct independent and directed research to gather information related to the problems in architecture and allied fields.

PO10: Students able to work effectively in a multi-disciplinary/inter-disciplinary team in the building industry, by providing 360o knowledge of architecture.

Program Specific Outcomes (PSOs)

PSO1: Demonstrate critical thinking through a self-reflective process of conceptualization and design thinking that is open to consideration of alternative perspectives by analyzing, evaluating, and synthesizing ideas and information gathered through applied research grounded in information literacy.

PSO2: Implement complex two and three-dimensional graphic representation techniques using a wide variety of traditional and digital media, to reflect on and explain the architectural design process to a wide range of stakeholders.

PSO3: The knowledge and ability to apply a design decision-making process through appropriate technical documentation in a manner that is client-centered, sustainable, aesthetic, cost effective, and socially responsible.

PSO4: Incorporate a wide range of technical skills and professional architectural knowledge during schematic design to demonstrate a comprehensive application of life safety, accessibility, and sustainability issues in making sound design decisions across varying scales and levels of complexity.

PSO5: Demonstrate the ability to synthesize a wide range of variables into an integrated design solution by employing appropriate building materials, building systems, and construction practices grounded in environmental stewardship and based on sound research and design decisions across varying scales of systems and levels of complexity.

PSO6: Understanding how to collaboratively lead teams of stakeholders in the process of conceiving, developing and implementing solutions to problems in the built and natural environments, utilizing knowledge of the diverse forms and the dimensions of professional practice along with associated ethical, legal, financial and social responsibilities.

PSO7: Apply math, physics, logic as reasoning skills to investigate problems related to force resolution in structural systems, thermal heat gain and loss in buildings, material quantity estimates, budget management, and life-cycle cost analysis.

PSO8: Demonstrate information literacy through applied research by raising clear and precise questions, using abstract ideas to clarify and express information, and considering diverse points of view, to reach well-reasoned conclusions and evaluate options against relevant design criteria, building standards, and program requirements.

COURSE OUTCOMES

1JAR1 ENGLISH COMMUNICAITON -

CO1: Present an idea / theme / concept / notion effectively and confidently.

CO2: Students will interpret texts with attention to ambiguity, complexity, and aesthetic value.

CO3: Students will practice a deliberate writing process with emphasis on inquiry, audience, research, and revision.

CO4: Students will participate in critical conversations and prepare, organize, and deliver their work to the public.

CO5: Students will deploy ideas from works of criticism and theory in their own reading and writing.

1JAR2 MATHEMATICS -

CO1: Able to work mathematical calculation in all subjects like structure.

CO2: Write and understand basic proofs.

CO3: Use mathematical ideas to model real-world problems.

CO4: Utilize technology to address mathematical ideas.

1JAR3 CONSTRUCTION MATERIALS-I -

CO1: The basic building material and their applications.

CO2: The physical and chemical properties can be examined by various laboratory tests.

CO3: The source and their manufacturing process of the building materials.

CO4: The advantages and disadvantages of the materials.

1JAR4 ARCHITECTURAL STRUCTURES-I -

CO1: With the successful completion of the course student should have knowledge of various type of forces , stress, and their concepts.

CO2: To understand analysis of indeterminate structures and adopt an appropriate structural analysis technique.

CO3: Determine response of structures by classical, iterative and matrix methods.

1JAR5 ARCHITECHURAL DRAWING-I -

CO1: Different types of views used to draw any object on paper.

CO2: Presentation drawings able to draw with the symbol, scale and types of lines.

CO3: Relation between a point, line and plane can be learned.

1JAR6 ARTS AND GRAPHICS I -

CO1: Various rendering technique and their role in graphic can be learned.

CO2: Knowledge of colour, their tint and shade and use.

CO3: Awareness of various types of colours and techniques to enhance the presentation.

1JAR7 BUILDING CONSTRUCTION–I -

CO1: Awareness of various building elements and their use.

CO2: Construction details of the bricks, stone as per their use in building.

CO3: Component of openings like arches and lintels, their types and construction details can be learned.

1JAR8 INTRODUCTION TO COMPUTERS–I -

CO1: Knowledge of operating systems: Windows, Unix, Linux etc. Brief description of various hardware and software used in architecture.

CO2: Describe the usage of computers and why computers are essential components in business and society.

CO3: Solve common business problems using appropriate Information Technology applications and systems.

CO4: Identify categories of programs, system software and applications. Organize and work with files and folders.

1JAR9 WORKSHOP PRACTICE (PHOTOGRAPHY, CARPENTRY, WELDING & MODEL MAKING) -

CO1: Understand of different types of materials and its feasibility in model making.

CO2: An hence the awareness of Photography, carpentry work.

CO3: Understand the knowledge of joinery system of steel-steel, wood-wood and wood-steel through of welding and wooden joints.

1JAR11 BASIC DESIGN AND FIELD TRIP -

CO1: Understanding of the qualities and effects of different elements and principles of design along with their composite fusion.

CO2: Understanding of space and form through 2D and 3D Composition.

CO3: Understanding of visualization and implementation of various design concepts.

2JAR1 ECOLOGY & ENVIRONMENT -

CO1: To design building without harming our ecosystem.

CO2: To make students aware of ozone depletion and greenhouse effect.

CO3: Students shall maintain the inter-relationship between development and ecosystem.

CO4: Understanding of Physical Geography, characteristic of land.

2JAR2 CONSTRUCTION MATERIAL-II -

CO1: Knowledge of building materials, their applications and their extraction process.

CO2: Quality examine of the various building materials.

CO3: Usage, advantages and disadvantages can be learned.

C04: Physical and chemical properties of materials.

2JAR3 ARCHITECTURAL STRUCTURES-II

CO1: Knowledge of different types of loads, moments, stress and calculations

CO2: Knowledge of different types of column and beam design

CO3: Knowledge of section modules.

2JAR4 INTRODUCTION TO ARCHITECTURE -

CO1: Students know how to use the locally available materials in construction.

CO2: Students will understand their responsibility as an architect towards the society.

CO3: Students will learn how to apply Vaastu in buildings and the science behind using it.

2JAR5 ARCHITECTURAL DRAWING-II -

CO1: Enhance their presentation skills.

CO2: Enhance their imagination and creative by developing of 3D models.

CO3: Enhance their knowledge of anthropometry.

2JAR6 ARCHITECTURAL DESIGN (Basic Design & Field Trip) -

CO1: Enhanced ability to integrate aspects such as climate, building material & construction, and principles of visual arts into architectural design.

CO2: Understanding of small structure measure drawings.

CO3: Understanding of aesthetical terms.

2JAR7 ARTS AND GRAPHICS-II -

CO1: Learning or the principles and elements of art and design.

CO2: Graphics understanding of 2D and 3D compositions through colours and by different medium like, clay, wood etc.

CO3: Implementation of art by studying the history of art of India.

2JAR8 BUILDING CONSTRUCTION-II -

CO1: The construction details of the openings in the building, roof system and flooring types.

CO2: The various member along with fixtures and joinery details.

CO3: Also the flexibility and selection of materials as per their use.

2JAR9 INTRODUCTION TO COMPUTER–II -

CO1: Use of software to enhance the presentation skills and visualization through software

CO2: Learning of various presentation software like Photoshop , coral draw.

CO3: Prepare an Interior and Exterior 3D view with material specification.

3JAR1 HISTORY OF ARCHITECTURE (INDIAN) -

CO1: With the successful completion of the course student should have capability

CO2: To understand of how different architectural styles evolved within the restraints imposed by prevalent social and cultural environment, availability of materials, climate and geography.

CO3: How various architectural solutions were arrived at within the above mentioned restrains?

CO4: The development of construction technology in that period

CO5: Architectural ornamentation of that period.

3JAR2 BUILDING SCIENCE–I (CLIMATOLOGY) -

CO1: To learn how to measure the different components of the climate.

CO2: To study the relation between earth and sun movement and its elect of climate.

CO3: To design such buildings that are sustainable and easy to construct in different parts on India.

3JAR3 CONSTRUCTION MATERIAL-III -

CO1: Various market forms of material like wood, cement etc.

CO2: Properties of material and their use in building.

CO3: Knowledge of manufacturing process of different types of material used in building construction.

3JAR4 ARCHITECTURAL STRUCTURES-III -

CO1: Student should have knowledge of foundation and column design.

CO2: Students have knowledge of soil bearing, foundation and footings.

CO3: Students have knowledge of structural analysis of any building structure.

3JAR5 ARCHITECTURAL DESIGN–I -

CO1: Enhanced ability to integrate aspects such as climate, building material & construction, and principles of visual arts into architectural design.

CO2: Learnt how to work with existing building with new technologies.

CO3: Understanding of functional and workable design and process.

3JAR6 THEORY OF DESIGN–I -

CO1: Understand the relation between various materials, spaces and design principles.

CO2: Learnt about movements in architecture and the development of design from them.

CO3: Understanding of Vaastu principals.

3JAR7 ARTS & GRAPHICS-III -

CO1: Selection of materials as per requirements.

CO2: Scale and proportion through model making.

CO3: Knowledge of colours and design principals.

3JAR8 BUILDING CONSTRUCTION-III -

CO1: Knowledge of Construction details of foundations

CO2: Knowledge of Detailed R.C.C. structures.

CO3: Knowledge of Vertical system like staircase and ramps.

3JAR9 STRUCTURE LAB – I -

CO1: Usage of aggregate and advantages or disadvantages.

CO2: Application of building materials and aggregates.

CO3: Understanding of soil bearing capacity.

3JAR10 COMPUTER APPLICATION IN ARCHITECTURE-I -

CO1: Learning 3D objects through software.

CO2: Presentation of work through computer software.

CO3: Use and need of various peripheral hardware.

4JAR1 HISTORY OF ARCHITECTURE-II -

CO1: Understand the difference between various architectural styles and construction technology.

CO2: Understanding of Different type of culture like western culture, Indian, Egyptian.

CO3: Understanding of Principals and social aspects of their cultures.

4JAR2 SURVEYING -

CO1: Interact technically with surveyors

CO2: Be able to prepare and interpret survey drawings

CO3: Gain a broad understanding of Land Survey

CO4: Get accustoms with the angular and linear measurements

4JAR3 CONSTRUCTION MATERIALS-IV -

CO1: Learning the various properties of metals in their use in a building.

CO2: Usage of metals and alloys in various building components like door, window.

CO3: Learning of various protective measures and techniques to preserve metals

4JAR4 ARCHITECTURAL STRUCTURES-IV -

CO1: Understand RCC as structural material

CO2: Understand the behaviours of RCC structural members

CO3: Be able to design simple structural members.

4JAR5 ARCHITECTURAL DESIGN-II (Including Measured Drawing Camp) -

CO1: Enhanced ability to integrate aspects such as climate, building material & construction, and principles of visual arts into architectural design.

CO2: Learnt how to work with existing building with new technologies.

CO3: Understanding of space arrangement according to function.

4JAR6 THEORY OF DESIGN-II -

CO1: Understand the relation between various materials, spaces and design principles.

CO2: Learnt about movements in architecture and the development of design from them.

CO3: Learnt about various architect's work and their philosophy.

4JAR7 ART & GRAPHICS-IV -

CO1: Selection of materials as per requirements.

CO2: Scale and proportion through model making.

CO3: Cutting and pasting of different material.

4JAR8 BUILDING CONSTRUCTION-IV -

CO1: Construction details of foundations

CO2: Details of footings

CO3: Knowledge of steel structure

4JAR9 COMPUTER APPLICATION IN ARCHITECTURE-II -

CO1: Use of software to enhance the presentation skills and 3d visualization through software

CO2: Learning of various presentation elements like pie chart and bar graph through software.

CO3: Learning of 3d model making with lighting and simulations techniques.

4JAR10 SURVEYING LAB -

CO1: Interact technically with surveyors

CO2: Be able to prepare and interpret survey drawings

CO3: Gain a broad understanding of Land Survey

CO4: Get accustoms with the angular and linear measurements

CO5: Trained with recording the field information and necessary plot

CO6: Contemporary issues and developments.

5JAR1 HISTORY OF ARCHITECTURE-III -

CO1: A sound knowledge base of the processes and events that shaped the architecture of the present. Development of critical analysis of the contributing factors and an overview of the issues facing the contemporary world.

CO2: Understanding of different type of civilization and their architecture style

CO3: Understanding of architectural elements and principles.

5JAR2 BUILDING SERVICES–I (Water Supply & Sanitation) -

CO1: Conceptual understanding about the process & systems with installation of equipment's related to the services identified.

CO2: Learnt Sanitary system of buildings.

CO3: Learnt Planning and design for disposal of urban/rural effluent.

5JAR3 CONSTRUCTION MATERIALS-V -

CO1: How to apply the different materials to make a building comfortable and aesthetically appearing.

CO2: To apply the fire safety techniques in their designs.

CO3: To understand what are the different stages of applications of DPC and various materials to protect building from external environment.

5JAR4 ARCHITECTURAL STRUCTURES-V -

CO1: Design RCC structural members likes beams, slabs etc.

CO2: Design RCC combined and eccentric footings.

CO3: Design RCC structures.

5JAR5 ARCHITECTURAL DESIGN–III & FIELD TRIP -

CO1: Design climate, site and topography responsive buildings.

CO2: Design according to the context of vernacular architecture

CO3: Come up with a design process and solution for simple public buildings.

5JAR6 QUANTITY SURVEYING & SPECIFICATION/ ESTIMATING & COSTING -

CO1: Write specifications for building construction.

CO2: Prepare approximate estimates of building projects

CO3: Prepare detailed estimates for a building project.

5JAR7 SOCIOLOGY -

CO1: Grasp the fundamental economics of the Indian society

CO2: Understand and apply economic principles in building construction projects.

CO3: Features of rural and urban society.

5JAR8 BUILDING CONSTRUCTION-V -

CO1: Learning of various preventive measures of building components(wall, floor, roof).

CO2: Learning of various preventive techniques with the selection of materials.

CO3: Learning of various material of building construction with their specification.

5JAR9 COMPUTER APPLICATION IN ARCHITECTURE-III -

CO1: Visualize building / transform sketches and 2 dimensional CAD drawings to 3 d render. dimensional building models and walkthrough.

CO2: Execute photo realistic rendering of the building project.

CO3: Prepare walkthroughs.

5JAR10.1 ELECTIVE-I - INTERIOR DESIGN -

CO1: To create different design schemes for different spaces.

CO2: To understand the impact of different elements such as furniture and decorative features and upholstery.

CO3: To generate character of different spaces according to the function.

CO4: Understand the intricacies of interior space planning and its historical background.

CO5: Understand the modern trends in the field.

CO6: Carry out small and medium sized interior design projects.

5JAR10.2 ELECTIVE-I - HISTORY OF RAJASTHAN ARCHITECTURE -

CO1: Students learn the origin the concepts behind the different style and planning.

CO2: They study the nearby of regions in Rajasthan and its culture.

CO3: To use this rich culture till modern times in present buildings.

5JAR12 LANDSCAPE AND SITE PLANNING-

CO1: Landscape design process and information needed to make space visually and psychologically.

CO2: Understanding the design philosophy behind of history of landscape architecture,

CO3: To learn about the variety of trees and plants. The benefits we get from planning them in different conditions.

6JAR1 History of Architecture-IV -

CO1: Understand the difference between history through time period.

CO2: Knowledge about different architectural elements of different time period's construction style and construction techniques.

CO3: Knowledge of different design pattern and philosophy of architect in these periods.

6JAR2 BUILDING SERVICES–II (ELECTRICAL SERVICES) -

CO1: Interact technically with electrical and illumination experts

CO2: Design efficient electrical layouts with their circuit diagrams

CO3: Design efficient illumination levels for various activities and spaces.

CO4: A fair understanding of space requirements and distribution of electrical service provisions.

CO5: The understanding of lighting principles and different electric light sources available.

6JAR3 CONSTRUCTION MATERIALS–VI -

CO1: Knowledge of various building material.

CO2: Application of new technology

CO3: Learnt how to celebrate new technology with old construction and techniques.

6JAR4 ARCHITECTURAL STRUCTURES–VI -

CO1: To learn structural system and its use in buildings.

CO2: Understanding of STEEL structures applications in buildings.

CO3: Understanding of designing of structural members.

6JAR5 ARCHITECTURAL DESIGN–IV & FIELD TRIP -

CO1: Design for multiple groups of users with due consideration to site, climate, services, bye-laws.

CO2: Understand the relationship between design and urban setting.

CO3: Derive a design process and design solution for a public building.

6JAR6 WORKING DRAWINGS -

CO1: Imparts enough skill to prepare working drawings for the ease of construction with proper workmanship assurance in accordance with the specifications and the contract document and to the satisfaction of the Architect.

CO2: Implementation of drawings on site.

CO3: Working process and time management of work on site.

6JAR7 BUILDING ECONOMICS -

CO1: Basic economics.

CO2: Grasp the fundamental economics of the Indian society.

CO3: Understand and apply economic principles in building construction projects.

6JAR8 BUILDING CONSTRUCTION–VI -

CO1: Understanding of different structural member and their application.

CO2: Use of different material according to their location and space.

CO3: Knowledge of pre cast construction and its use.

6JAR9.1 ELECTIVE–II - CONSTRUCTION MANAGEMENT -

CO1: Learnt different management techniques suitable for planning and constructional projects.

CO2: The course of a work from the start to the finish to analyses before the commencement of the project.

CO3: Learnt how to manage different construction activity with their time ancalculation of time management.

6JAR9.2 ELECTIVE–II – SUSTAINABLE ARCHITECTURE -

CO1: Conceptualization of large span constructions.

CO2: Learnt how to design comfort space.

CO3: Learnt different strategy of natural cooling and heating process.

6JAR9.3 ELECTIVE–II - LOW COST CONSTRUCTION AND TECHNIQUES -

CO1: Development of construction technology and innovative techniques as tools to address demand to mass construction.

CO2: Knowledge of eco-friendly material with their application.

CO3: Learnt use of locally available material according to their availability and acceptance.

6JAR9.4 ELECTIVE–II - DESIGN FOR DISABLED -

CO1: Development of sensitivity and understanding of architectural design elements for creating barrier free built environments.

CO2: Understanding of different types of accessibility and material for disabled persons.

CO3: Knowledge of different signages and planning concepts for disabled persons.

6JAR10 COMPUTER APPLICATION IN ARCH–IV -

CO1: The implementation of 3d software's for architectural design.

CO2: Uses and application of different building material.

CO3: Learnt and improvement of visualization of colours and space.

6JAR11 EDUCATIONAL TOUR -

CO1: Effective learning

CO2: Personal Development

CO3: Deepen social and architectural knowledge

CO4: Enhances Perspective

7JAR1 CONTRACT DOCUMENTS & BYELAWS -

CO1: Gauge the importance of building regulations and byelaws in development.

CO2: Apply these to actual building design.

CO3: Application of bylaws in special economic zones areas.

7JAR2 BUILDING SERVICES–III(Mechanical Services) -

CO1: To inculcate a fair understanding of integration of various mechanical systems and services.

CO2: Implication on architectural space design and facilitation.

CO3: Application and importance of psychometric chart in planning.

7JAR3 BUILDING SCIENCE-II (Acoustics & Illumination) -

CO1: Inculcate a general understanding of the importance of acoustics in buildings.

CO2: It will develop an ability to address Architectural Design in terms of space and form for areas of Acoustic design concerns.

CO3: Uses and application of insulation techniques and material.

7JAR4 ARCHITECTURAL STRUCTURE-VII -

CO1: To learn structural system and its use in buildings.

CO2: Understanding of advance Frame structures applications in buildings.

CO3: Learnt how to calculate the load for different type of structures for designing.

7JAR5 INTRODUCTION TO SETTLEMENT PLANNING -

CO1: Distinct understanding of regulated urban development in cities.

CO2: The course shall develop understanding about the emergence of human settlements on the basis of complex interaction of determinants, elements and principles over time.

CO3: Understanding of neighbourhood concepts.

7JAR6 ARCHITECTURAL DESIGN-V & FIELD TRIP -

CO1: Ability to Design, analyse and generate creative alternatives for moderately complex Architectural Design issues.

CO2: Design a large campus for a specific purpose for a large population of multiple groups of users.

CO3: Produce a design process and a design solution to an urban design problem.

7JAR7 ADVANCED BUILDING CONSTRUCTION-

CO1: Development of construction technology and innovative techniques as tools to address demand to mass construction.

CO2: Knowledge of disaster resistant construction.

CO3: Knowledge of long span steel structure techniques.

7JAR8 INTRODUCTION TO SETTLEMENT PLANNING (STUDIO) -

CO1: Distinct understanding of regulated urban development in cities.

CO2: The course shall develop understanding about the emergence of human settlements on the basis of complex interaction of determinants, elements and principles over time.

CO3: Knowledge and use of resources of space utilization according to population generation.

7JAR9 DISSERTATION-

CO1: Systematically abstract, analyse, synthesize and interpret existing literature.

CO2: Develops a specialized knowledge in a subject area which maybe an extension to the prescribed coursework.

CO3: Builds his his/her capacity to work independently and methodically in a variety of intellectually demanding contexts.

7JAR10.1 ELECTIVE- ALTERNATE ENERGY SYSTEM IN ARCHITECTURE -

CO1: Development of energy conscious architectural design, strategies and built forms.

CO2: Futuristic vision of urban habitat.

CO3: Understanding of the concept of green building design.

7JAR10.2 ELECTIVE- VERNACULAR ARCHITECTURE -

CO1: Development of significant contribution of vernacular architecture of place in fabric of that city or region.

CO2: Understanding of Principles of design in Vernacular architecture

CO3: Understanding of vernacular and tradition architecture.

8JAR1 & 9JAR1 PRACTICAL TRAINING -

CO1: The student gets a real-time exposure of how architectural projects are carried out.

CO2: Office management and team-work to enhance the employability of the student.

CO3: To acquaint students with their roles and responsibilities of dealing with various related agencies and the freedom/ limitations as a professional as well as their real status in the society.

10JAR1 PROFESSIONAL PRACTICE & MANAGEMENT -

CO1: To acquaint students with their roles and responsibilities of dealing with various related agencies and the freedom/ limitations as a professional as well as their real status in the society.

CO2: Learns how to setup and run office

CO3: Learnt the payment schedule, architectural services schedule, different MEP services consultants work.

CO4: Need and Role of Arbitrator.

10JAR2 HOUSING -

CO1: Conscious and rational approach for urban housing.

CO2: Need assessment of targeted housing stock in urban areas and strategies for alternative housing typologies in development of urban areas.

CO3: Development of understanding towards housing design and the intricacies involved in it.

10JAR3.1 ELECTIVE - URBAN CONSERVATION -

CO1: Develop a sensitivity towards heritage and its conservation.

CO2: Understand the materials and techniques to be used for conservation under various conditions.

CO3: To sensitize students towards role of conservation in human habitats.

10JAR3.2 ELECTIVE - URBAN DESIGN -

CO1: To understand the general morphology of urban space.

CO2: Be able to interpret the urban forms of the past and present.

CO3: Demonstrate an understanding of the various bio-physical, historical, political-economic, and social-cultural layers of the city, and work with these to form a consciously designed intervention.

CO4: Synthesise general theoretical models, analytical approaches to urban issues and contexts, technical knowledges, stakeholder interests and ethical frameworks, and individual vision into an integrated urban design proposition

CO5: Articulate their stance and position as a designer within discourses of urbanism.

CO6: Research and analyse information relevant to developing urban design interventions and propositions.

CO7: Demonstrate high quality communication, representation and visual skills appropriate to urban design projects, including written, verbal, graphical and model-based presentation

CO8: Demonstrate abilities in teamwork and time management for group and individual work.

10JAR4.1 ELECTIVE - DISASTER RESISTANT STRUCTURES -

CO1: Development of understanding of various types of occurrence of disaster and their mitigation through design interventions.

CO2: To develop understanding of post disaster recovery and rehabilitation.

CO3: Broad understanding of Disaster Management issues and Awareness related to Disaster issues to be incorporated in Architectural Design.

10JAR4.2 ELECTIVE - ARCHITECTURAL DEVELOPMENT AND LEGISLATION -

CO1: Development of skills for organizing of architectural project within building regulation framework.

CO2: Knowledge of various regulation and development control system.

CO3: Knowledge of heritage and eco sensitive zone areas.

10JAR6 ADVANCED STUDY OF THESIS TOPIC - 10JAR5

THESIS PROJECT -

CO1: To use all the skills acquired in the duration of preceding academic courses.

CO2: Methodically self-direct effort by choosing the project of choice, builds capacity to work independently and methodically in a variety of intellectually and professionally demanding contexts.

CO3: Learn to make an original and individual, creative contribution to the academic discipline and/or the professional field in some cases.