



MOHAMED SATHAK A.J. ACADEMY OF ARCHITECTURE

34, Old Mahabalipuram Road, IT Highway, Egattur, Chennai 603 103
Phone: 044 - 27470391 - 92 - 93 - 94 Email: admin@msjaarch-edu.in



PROGRAM OUTCOMES(POs) AND COURSE OUTCOMES (COs) FOR ALL PROGRAMMES- B.ARCH AND M.ARCH

1. B.ARCH - R- 2021
2. B.ARCH - R- 2017
3. B.ARCH -R - 2013
4. M.ARCH -R- 2021
5. M.ARCH -R -2017

B. ARCH - R-2021			
Course Outcomes (CO), Program Outcomes (PO), Program Specific Outcomes (PSO)			
COURSE OUTCOMES (CO)			
FIRST SEMESTER			
S.NO	COURSE CODE AND COURSE NAME	COURSE OUTCOMES	
1	IP3151-INDUCTI ON PROGRAM	CO1	It helps new students adjust and feel comfortable in the new environment, inculcate in them the ethos and culture of the institution, help them build bonds with other students and faculty members, and expose them to a sense of larger purpose and self exploration.
2	AR 3101 INTRODUCTION TO ARCHITECTURE	CO1	Ability to recognise different facets of architecture.
		CO2	Basic understanding of form and design in all aspects and scales.
		CO3	Ability to discern the relationship between manifestations of form and its effects on humans.
3	AR 3102-INTRODUC TION TO	CO1	An understanding of the basic role of language in humans.


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	LANGUAGE AND ENGLISH SKILLS	CO2	Skill and confidence in everyday requirements of the English language.
		CO3	Ability to express experience, explore meaning and construct reality through language
4	AR-3103 MATHEMATICS FOR ARCHITECTS	CO1	Ability to understand the mathematical properties of geometric figures and objects.
		CO2	Skill in solving mathematical problems that would be useful for the field of architecture.
		CO3	Ability to analyse and interpret data.
5	AR 3121 GEOMETRICAL UNDERSTANDING AND REPRESENTATION	CO1	Ability to understand the relationship between geometry and architectural form.
		CO2	Understanding of various attributes of geometric forms and skill in their creation and dissection
		CO3	Ability to represent geometric forms through technical drawings.
6	AR 3122 - ART AS COGNITION AND EXPRESSION	CO1	Sensitivity and knowledge of art as basic human endeavour.
		CO2	Ability and skill to record experience through art.
		CO3	Ability to abstract thought, observation and experience through art.
7	AR 3111-FOUNDATIONAL DESIGN STUDIO	CO1	Awareness of the totality and components of form in the creation of design.
		CO2	Ability to explore the visual/ cognitive language and grammar of the universal elements
		CO3	Ability to understand needs as encompassing functional, behavioural, cultural,

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		CO4	Ability to engage awareness towards creating a morphology that fulfils stated intents
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SECOND SEMESTER			
1	AR3201 - WORLD ARCHITECTURE AND URBANISM: EARLY CIVILISATIONS TO RENAISSANCE	CO1	An overall understanding of the timelines and early history of civilisations and their contributions across the world.
		CO2	Knowledge about the contributions of Greece and Rome to architecture and urbanism.
		CO3	Familiarity with the intersecting forces in Europe from decline of Roman empire to Medieval times and their manifestation in cities and architecture.
		CO4	An understanding of Renaissance and humanism and the resultant architecture and urbanism.
2	AR 3201 - STRUCTURAL MECHANICS	CO1	Ability to apply the concepts of action of forces on a body and should be able to apply the equilibrium concepts.
		CO2	Understanding the concept of bending moment and shear force of beam.
		CO3	Understanding of the basic geometrical properties of sections.
		CO4	Knowledge about elastic properties of solids.
		CO5	Ability to solve problems of principal stresses and strains using numerical and graphical methods.

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3	AR3203 ENVIRONMENTAL SCIENCE FOR ARCHITECTURE	CO1	Understanding of the functions of the environment, ecosystems and biodiversity and their conservation.
		CO2	Ability to identify the causes, effects and environmental pollution and natural sustainable measures to preserve them for future generations.
		CO3	Understanding of renewable and non-renewable resources and contributing to the sustainable measures to preserve them for future generations.
		CO4	Familiarity with different forms of energy and applying them for suitable applications for technological advancement and societal development.
		CO5	Knowledge of societal activity on the long and short term environmental issues and abide by the legal provisions, National and International laws and conventions in professional and personal activities and to identify and analyse effect of population dynamics on human value education, consumerism and role of technology in environmental issues.
		CO6	An understanding of the design of built environment with due consideration of environmental implications.
4	AR3221 BUILDING COMPONENTS AND THEIR REPRESENTATION	CO1	Ability to recognise and name components of a building.
		CO2	Ability to recognise and name components of a building.
		CO3	Ability to make isometric and perspective projections of components of a building.
		CO4	Understanding a building in total or in part through the process of measured drawing

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5	AR3222 THINKING THROUGH DIAGRAMS AND MODELS	CO1	An understanding of diagrams and models as a mode of thought and analysis.
		CO2	An ability to discern the important attributes of a building through diagrams and models.
		CO3	Ability to project thoughts towards the future through diagrams and models.
6	AR3211 BASIC SPACE DESIGN STUDIO	CO1	Ability to design simple spaces for human use addressing spatial, social, cultural and temporal human needs.
		CO2	Ability to consider the particular context in the process of designing

NOTE: Application of the knowledge gained in all the courses to be implemented in the Architectural Design studio projects of current and coming semesters & carrying it forward in Arch. Professional.

THIRD SEMESTER

1	AR3301 ARCHITECTURE IN INDIA: EARLY CIVILISATIONS TO COLONIALISM	CO1	An understanding of the diversity of architecture in India and sensitivity towards its syncretic aspects.
		CO2	Ability to appreciate particular cultural, symbolic, spatial and material qualities in architecture and cities as givers of meaning and continuity.
		CO3	Ability to appreciate universal qualities of architecture and their effects.
2	AR3302 STRUCTURAL SYSTEMS AND	CO1	Understanding of concept of loads.
		CO2	Ability to apply the concepts of determining the techniques of finding the stresses.

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	THEIR ANALYSIS	CO3	Ability to use the theory of simple bending to find the deflection in beams.
		CO4	Ability to analyse and solve the different types of columns and analyse the different types of indeterminate beams.
3	AR3303 CLIMATE AND BUILT ENVIRONMENT	CO1	An understanding of climate, comfort and heat balance in human beings
		CO2	An understanding of material effects in buildings.
		CO3	Ability to conceptually design buildings considering the effect of sun and wind on buildings.
4	AR3321 NON STRUCTURAL BUILDING ELEMENTS AND FINISHES	CO1	Ability to design and detail appropriate doors, windows, ventilators, etc., for a building using wood, metal and plastic based materials.
		CO2	Familiarity with building interior elements and systems.
		CO3	Knowledge about building finishes and related techniques.
5	AR3322 DIGITAL DRAWING, VISUALISATION AND REPRESENTATION	CO1	Ability to express using digital tools in the realm of visual composition, drafting, 3D visualisation and rendering.
6	AR3311 ADVANCED SPACE DESIGN STUDIO	CO1	Ability to perceive, understand and represent fundamental attributes of form-space with respect to human experience and use.
		CO2	Ability to ideate, innovate and create a meaningful built environment in basic human situations.

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FOURTH SEMESTER

1	AR3401 REGIONAL AND VERNACULAR BUILT ENVIRONMENTS IN INDIA	CO1	An understanding of the built environment as a process and knowledge of its determinants.
		CO2	Ability to analyse the built environment through the knowledge of approaches to its study.
		CO3	Knowledge of settlement morphologies and regional/ vernacular architecture in specific regions of India.
2	AR3402 STRUCTURAL DESIGN OF MASONRY AND TIMBER	CO1	Knowledge about soil mechanics.
		CO2	Ability to design structural masonry walls.
		CO3	Ability to design timber beams, columns and trusses by applying the code provisions.
3	AR3403 WATER SUPPLY AND SANITATION IN BUILDINGS	CO1	Ability to understand environmental services from macro to micro level human environment.
		CO2	Ability to adopt sustainable practices and systems for environmental services.
		CO3	Ability to design environmental services in a building/ small campus.
4	AR3421 BUILDING CONSTRUCTION WITH BASIC MATERIALS	CO1	Familiarity with the properties and uses of basic building materials.
		CO2	Knowledge about the construction details of the basic building materials.
		CO3	Ability to design buildings using a combination of basic materials.


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5	AR 3422 SITE SURVEYING AND PLANNING	CO1	Sensitivity towards aspects of the site in macro and micro contexts.
		CO2	Ability to exploit the potential of a site to design the built environment.
		CO3	Ability to measure, draw, analyse and plan a particular site for a specific purpose.
6	AR 3411 RURAL HABITAT DESIGN STUDIO	CO1	Ability to collect, assimilate and integrate knowledge in a holistic manner.
		CO2	Sensitivity towards the nature and values of unselfconscious and collective design as well as the interconnectedness of human society and environment.
		CO3	Ability to observe and analyse changes in the above.
		CO4	Ability to project future transformations and give possible/appropriate ways to address issues, if any.
		CO5	Sensitivity in design approach in community oriented projects with respect to context, collective values and needs.

FIFTH SEMESTER

NOTE: Application of the knowledge gained in all the courses to be implemented in the Architectural Design studio projects of current and coming semesters & carrying it forward in Arch. Professional.

1	AR 3501-ARCHITECTURE AND URBANISM OF COLONIALISM AND MODERNITY	CO1	An understanding of modernity as a fundamental transformation in Western society that spread across the world and the resultant architectural production.
		CO2	An insight into the development of various strands of modernism and modern architecture.
		CO3	An understanding of the architecture of colonialism, nationalism and modernity in India.

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2	AR 3502 STRUCTURAL DESIGN OF CONCRETE	CO1	Ability to understand the different concepts of WSM and LSM.
		CO2	Ability to design RCC beams, slabs, staircase, columns, foundations and retaining wall.
3	AR 3503 ELECTRICITY, LIGHTING AND ACOUSTICS IN BUILDINGS	CO1	Ability to understand electrical services in a building.
		CO2	Ability to design artificial lighting in a building.
		CO3	Knowledge of principles of acoustic design in different building typologies.
4	AR 3521 CONCRETE IN BUILDING CONSTRUCTION	CO1	Ability to use concrete as a versatile material in different contexts.
		CO2	An understanding of the concepts of concrete as a building construction material.
		CO3	Ability to design and detail specific components in concrete where there is scope for architectural design.
		CO4	Ability to use concrete innovatively in simple projects.
5	AR 3511 URBAN ARCHITECTURE DESIGN STUDIO	CO1	Ability to understand the nature, needs and ways of contemporary urban society as well as relate the existing built environment as a reflection of this.
		CO2	Ability to draw from this understanding and identify issues/ challenges involving contemporary urban life and the built environment.
		CO3	Ability to give appropriate/ innovative design solutions in the above context.
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SIXTH SEMESTER			


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1	AR 3601-SPECIFICATION, ESTIMATION AND BUDGETING	CO1	An understanding of the art of building construction through specification writing.
		CO2	Ability to work out the approximate estimate and detailed estimate for small scale building projects and low cost housing.
		CO3	An understanding of valuation and budgeting.
2	AR 3602-STRUCTURAL DESIGN OF STEEL	CO1	Ability to design steel joints for maximum efficiency and strength.
		CO2	Ability to design tension and compression members for different conditions by applying the code provisions.
		CO3	Ability to design different types of laterally unsupported and supported steel beams for different conditions.
3	AR 3603-ADVANCED BUILDING SERVICES	CO1	Familiarity with different air conditioning systems, their context of use and basics of planning involved.
		CO2	An understanding of fire safety, fire fighting, fire prevention and installations in buildings.
		CO3	An understanding of mechanical, communication and security systems in a building.
		CO4	Ability to design building layouts and sections for service integration.
4	AR 3621-STEEL, GLASS AND PLASTIC IN BUILDING CONSTRUCTION	CO1	Knowledge of properties of ferrous and non ferrous metals as materials for buildings.
		CO2	Knowledge of the use of glass and plastics in the building industry.
		CO3	An understanding of possibilities of steel as an important building construction material.

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		CO4	Ability to use steel, glass and plastic appropriately in building projects.
5	AR 3611-ENVIRONMENTAL DESIGN STUDIO	CO1	Ability to critically and sensitively understand and address issues of resources.
		CO2	Ability to balance diverse aspects/concerns of buildings by making informed choices and innovative design in the context of buildings with intense or complex programmes.
		CO3	Ability to apply knowledge intensively in realms such as sustainable built environment, services.

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SEVENTH SEMESTER

1	AR 3701-CONTEMPORARY ARCHITECTURE: THEORIES AND PRACTICE	CO1	An awareness of the spread and varied later directions of modern architecture across the world.
		CO2	An understanding of architectural production from the 1960s as driven by large scale changes across the world.
		CO3	Familiarity with contemporary forces and directions in architecture across the world.
		CO4	An understanding of post independence architecture in India contemporaneous with the rest of the world, along with its own particular influences.
2	AR 3702-PROFESSIONAL PRACTICE OF ARCHITECTURE	CO1	An understanding about the evolution of the architectural profession.
		CO2	An awareness of the role and responsibilities of an architect in all realms.
		CO3	Familiarity with the laws related to architecture.

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		CO4	Knowledge about current issues and aspects related to the architectural profession.
3	AR 3703 -CONTEMPORAR Y HOUSING	CO1	Knowledge of various issues concerning housing and housing development in Indian and global context covering a cross section of income groups.
		CO2	Ability to appreciate socio-economic aspects in housing.
		CO3	An understanding of housing standards, site planning principles, housing concepts and types.
		CO4	An understanding of key issues in housing today
4	AR 3711-CRITICAL DESIGN STUDIO	CO1	Ability to understand the wider implication of design decisions and their interdependency with larger processes of society.
		CO2	Ability to take creative, critical and informed decisions in the context of significant projects that could shape society in positive ways

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EIGHTH SEMESTER

1	AR 3811-PRACTICAL TRAINING	CO1	An overall idea of the nuances of architectural practice.
		CO2	An understanding about the total process that goes into the making of a building.
		CO3	Clarity about the field of architecture that could be carried forth to the higher semester(s).

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NINTH SEMESTER			
2	AR 3901-URBAN DESIGN	CO1	Awareness of the evolution and characteristics of urban forms, their components and interdependencies.
		CO2	Understanding of urbanism through theories, aspects, issues and solutions.
		CO3	Knowledge of ways to look at and interpret urbanism today
3	AR 3902-LANDSCAPE AND ECOLOGY	CO1	An understanding of reasons for evolution of landscapes across time and context.
		CO2	Ability to discern the role of natural and human actions with respect to macro scale of sustainability and ecology as well as in the micro scale of shaping of outdoor environments.
		CO3	Knowledge about the elements of landscape design and their scope.
		CO4	An understanding of landscape design with respect to site planning and different functional typologies of spaces.
4	AR 3903-CONSTRUCTION AND PROJECT MANAGEMENT	CO1	Ability to understand a project from concept to commissioning, feasibility study and facility programme, design, construction to commissioning.
		CO2	Ability to apply project management techniques in achieving objectives of a project like client needs, quality, time and cost.
		CO3	An understanding of principles of management, construction scheduling, scope definition and team roles.
5	AR 3911-DISSERTATION	CO1	A dissertation report with a coherent line of thought as reflected in the written structure and the core content which could be open ended.

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		CO2	Ability to research deeply into a subject and develop depth in thought in any specific area based on point of view, observation, analysis and study.
		CO3	Ability to look at architecture from an informed, analysed and well thought out personally unique or objective perspective which would help strengthen the thesis process.
6	AR 3912-URBANISM AND ARCHITECTURE DESIGN STUDIO	CO1	Ability to perceive and design buildings as contributing to/ transforming the urban fabric.
		CO2	Ability to bring inclusivity into the architectural design process.
TENTH SEMESTER			
1	AR 3081-THESIS	CO1	Skill, knowledge and expertise in the domain of architectural design.
		CO2	Ability to handle a major architectural project independently through all stages.
		CO3	Ability to intensify thought processes directed at a specific area of focus and convert it to a product.
ELECTIVE SUBJECTS			
FIFTH SEMESTER - PEC - I			
(Prerequisite - Pass in Rural Habitat Design Studio)			
S.NO	COURSE CODE AND COURSE NAME	COURSE OUTCOME	

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1	AR 3001-Design Process and Thinking	CO1	Ability to think about architecture as one of the many fields under the broader ambit of design as a fundamental human activity.
		CO2	Self awareness with respect to the creative process.
		CO3	Ability to engage different processes to give creative output in an appropriate manner.
		CO4	Awareness of the importance of considering people/ stakeholders in the design process.
2	AR 3002-Sustainable Design	CO1	An overall understanding of sustainability and its relation to human activities.
		CO2	Knowledge about sustainable design of settlements, buildings, materials and technology.
		CO3	Familiarity with evaluation systems for green buildings.
3	AR 3003-Structure in Architecture	CO1	Familiarity with concepts of structural design and its influence on the functional and aesthetic domains of architectural design relating to historic and contemporary periods.
		CO2	Understanding of architectural expression and its relation to form, structure and changing technology.
		CO3	Awareness of contemporary innovations in structures.
4	AR 3004-Contemporary Processes in Architectural Design	CO1	An understanding of the effect of contemporary theories of media on contemporary architectural design.
		CO2	Insight into contemporary design processes/theories and their relation to computation.
		CO3	Ability to understand specific aspects of contemporary processes appropriate to a design situation.

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		CO4	Familiarity with architectural works derived from contemporary processes.
5	AR 3005-Human Behaviour and Built Environment	CO1	An overall understanding of the relationship between human behaviour and the built environment.
		CO2	Knowledge about various terms and aspects related to human behaviour.
		CO3	An ability to study physical situations with respect to human behaviour.
		CO4	Sensitivity to apply knowledge of human behaviour in design situations.
6	AR 3006-Product Design	CO1	An understanding of product design as a discipline.
		CO2	Ability to interpret real life situations into design.
		CO3	Knowledge about contemporary design process and manufacturing process of design.
SIXTH SEMESTER - PEC -II			
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1	AR 3007-DESIGN DETAILING	CO1	An understanding of all the aspects that go into the making of a building through study of drawings related to construction.
		CO2	Ability to resolve spatial concerns with technical aspects of a building.
		CO3	Ability to design and detail components within a building.
2	AR 3008-CLIMATIC	CO1	An understanding of procedures involved in climatic design of buildings

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	DESIGN PROCEDURES	CO2	An understanding on the significance of architectural “form”; climatically.
		CO3	Ability to design and generate multiple iterations for various building elements climatically.
3	AR 3009-EARTHQUAKE RESISTANT ARCHITECTURE	CO1	Ability to understand the formation and causes of earthquakes
		CO2	An understanding of the factors to be considered in the design of buildings and services to resist earthquakes
4	AR 3010-PARAMETRIC MODELLING AND CODING	CO1	Familiarity with digital tools and techniques in the realm of contemporary design processes;
		CO2	Ability to use parametric software to generate design variants ;
		CO3	Understanding of emergent possibilities in digital design, analysis and fabrication
5	AR 3010-DISASTER MANAGEMENT	CO1	Ability to differentiate the types of disasters, causes and their impact on environment and society.
		CO2	Knowledge about assessing vulnerability and various methods of risk reduction measures as well as mitigation.
		CO3	Familiarity with real situations and responses during disasters
6	AR 3011-INTERIOR DESIGN	CO1	An understanding of interior design as an integral part of architecture and as an interdisciplinary and allied field related to architecture.
		CO2	An overall exposure to the ways in which interior spaces can be enriched through the design of specific interior components
SEVENTH SEMESTER - PEC -III & IV			

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1	AR 3013-SOFT SKILLS	CO1	Familiarity with the importance of soft skills.
		CO2	Knowledge about how to communicate effectively in various scales and media.
		CO3	Exposure to importance of appropriate team and group behaviour.
2	AR 3014-DIGITAL TOOLS FOR BUILDING MODELLING AND ANALYSIS	CO1	An understanding of the importance of modelling information and analysing models for a building.
		CO2	A familiarity with making basic models, applying attributes/parameters to the model, understanding aspects of a building design through analysing the model.
3	AR 3015-CONTEMPORARY BUILDING MATERIALS	CO1	Exposure to the need and use of various contemporary materials in creating innovation and ultra-performance in building design.
		CO2	An understanding of characteristics and performance of the newer materials in terms of detailing and application to the context.
4	AR 3016-DIGITAL FABRICATION AND ARCHITECTURE	CO1	Awareness of the machines, different methods of fabrication and the workability with materials.
		CO2	Ability to correlate between the design processes and Digital Prototype or Model attribute.
5	AR 3017-HISTORY OF TAMIL NADU	CO1	Familiarity with the origin and evolution of Tamil Nadu and its people.
		CO2	Knowledge about historical processes in Tamil Nadu before colonial rule and their effects on architecture and urbanism of Tamil Nadu.

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		CO3	Familiarity with the effects of colonial rule in Tamil Nadu.
		CO4	Overall understanding of modern Tamil Nadu and development processes in urbanism and architecture
6	AR 3011-HISTORY OF NON-WESTERN ARCHITECTURE	CO1	Familiarity with the architecture of non-Western traditions
		CO2	Exposure to colonial influence on non-Western cultures
		CO3	Broader awareness of historical processes across the world in the realm of architecture
7	AR 3012-ART APPRECIATION	CO1	An understanding and appreciation of art as basic and varied human creation related to cognition and experience.
		CO2	Awareness of important art productions in the West and India.
		CO3	Sensitivity towards collective and individual cultural productions as unique expressions of historical and geographic context
EIGHTH / NINTH SEMESTER - PEC -V			
S.NO	COURSE CODE AND COURSE NAME	COURSE OUTCOME	
1	AR 3020-DESIGN COMMUNICATION	CO1	Awareness of the importance of design communication as a necessary part of an architect's work.
		CO2	Knowledge about current trends in design presentation and communication.
		CO3	Ability to employ the latest technology in expressing design intent and programs.
		CO4	Exposure to allied fields that are associated with architectural design communication

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2	AR 3021-BUILDING AUTOMATION AND MANAGEMENT SYSTEMS	CO1	Overall knowledge of building automation and management systems.
		CO2	Knowledge about different building automation control systems.
		CO3	Overall understanding of integration of different systems with each other and with architecture
3	AR 3022-CONSTRUC TION TECHNOLOGY	CO1	Familiarity with advanced construction technology and systems.
		CO2	Knowledge about construction practices and equipment.
		CO3	Familiarity with construction management, planning and scheduling processes.
4	AR 3023-DATA VISUALISATION AND ANALYSIS	CO1	Knowledge about the importance of data visualisation.
		CO2	Familiarity with different methods and techniques of data visualisation.
		CO3	Skill in working out simple exercises related to data visualisation in the realm of architecture and urban design
5	AR 3024 -HERITAGE CONSERVATION	CO1	An understanding of the importance of heritage and scope of conservation.
		CO2	Familiarity with issues and practices of conservation through case studies.
		CO3	Knowledge about methods for preserving and repairing historic buildings
		CO4	Familiarity with conservation strategies through principles and project case studies
6	AR 3025-TECHNIQU	CO1	Awareness of digital art as a domain.
		CO2	Knowledge about the types and media for digital art.

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	ES OF DIGITAL ART	CO3	Skill in basic techniques for digital art.
TENTH SEMESTER - PEC -VI			
S.NO	COURSE CODE AND COURSE NAME	COURSE OUTCOME	
1	AR 3026-PROFESSIONAL SERVICE FIRM: MANAGEMENT AND EXCELLENCE	CO1	To introduce the idea of a professional, professional and professional service firm.
		CO2	To introduce the key areas of attention involved in a professional service firm.
		CO3	To give familiarity about the different ways to protect ideas and knowledge.
2	AR 3027-GREEN BUILDING	CO1	Familiarity with the concept of green building.
		CO2	Knowledge about different systems of green buildings
		CO3	Exposure to green buildings in practice in various areas of architecture.
3	AR3028-ADVANCED STRUCTURES	CO1	An understanding of concepts and applications of prestressed concrete.
		CO2	An understanding of concepts and application of industrial structures and skyscrapers.
		CO3	Familiarity with the theory and applications of tensile structures, grids, domes, shells and folded plates.
4	AR3029 ARTIFICIAL INTELLIGENCE IN DESIGN PROCESS	CO1	Knowledge about artificial intelligence as a domain.
		CO2	Familiarity with artificial intelligence in the architectural design process.

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		CO3	Exposure to various intelligence design processes and new trans-disciplinary design methodologies
5	AR3030 -SMART CITIES	CO1	Familiarity with the concepts of smart cities.
		CO2	Knowledge about different domains/ areas in which smart cities can be realised.
		CO3	Exposure to smart city practices.
6	AR3031-HUMAN SETTLEMENTS PLANNING	CO1	Ability to understand morphology of settlements and their generating forces and characteristics.
		CO2	An understanding of the role of planning processes in making positive changes to settlements.
		CO3	Awareness of planning interventions with respect to the current world.
7	AR3032-ARCHITECTURAL JOURNALISM AND PHOTOGRAPHY	CO1	Exposure to the domain of journalism and architectural journalism in particular.
		CO2	Skills with respect to architectural photography.
		CO3	Knowledge about important themes and works of architectural journalism.
		CO4	Ability to critically think, analyse and write about architecture.

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