



**MEENAKSHI COLLEGE OF ENGINEERING**  
**No-12, Vembuli Amman Koil Street, West K.K Nagar,**  
**Chennai - 600 078**

**Department of Architecture**  
**M.Arch (General) REGULATION-2021**

**COURSE OUTCOMES**

**Course Name :** MH4101 - Process In Design

<b>CO1</b>	An understanding of the importance of process in design across time
<b>CO2</b>	An understanding of various tools to study the existing and processes to design future desirable situations.

**Course Name :** MH4102 - Contemporary Architectural Practices

<b>CO1</b>	A critical understanding of contemporary architectural practice that is influenced by or informed by specific conditions/ ideas/ situations and that is explicitly evident in the final work.
<b>CO2</b>	An ability to understand the role of architecture as built propositions towards future by interpreting the present

**Course Name :** MH4103 - Emerging Practices In Housing

<b>CO1</b>	Sensitivity to the various forces that shape the form of housing today.
<b>CO2</b>	Knowledge about the latest development, issues and design strategies governing housing at national and international level.

**Course Name :** MH4151 - Society, Culture, Media And Technology

<b>CO1</b>	Understanding of trends that problematize production of scientific knowledge and the sociology of scientific knowledge
<b>CO2</b>	Familiarity with the technology-society interface from a wide range of theoretical Stand points such as social shaping of technology, social constructionist and actor network theoretical perspectives
<b>CO3</b>	Understanding of science and technology as socially and culturally embedded activities



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**COURSE OUTCOMES**

**Course Name :** MH4121- Building Information Modelling

<b>CO1</b>	Knowledge on the implementation of BIM concepts throughout the lifecycle of a building, from planning and design, to construction and operations
<b>CO2</b>	Knowledge of optimization, working on options and alternatives that could result in efficiency
<b>CO3</b>	Ability to use BIM for analyzing energy performance and simulating details
<b>CO4</b>	Knowledge that can synchronise the real time project through simulation
<b>CO5</b>	Understanding of the complex details of generating detailed estimates that add to value engineering

**Course Name :** MH4111 - Process Based Design Studio

<b>CO1</b>	Ability to identify, study the effects and connections of complex forces and project a desired scenario for a given situation through appropriate processes and tools
<b>CO2</b>	Ability to find innovative and workable transformations of the existing from the projections in an organic manner.

**Course Name :** RM4251 - Research Methodologies For Built Environment

<b>CO1</b>	Skill to identify, decipher and interpret issues relating to architecture based on research enquiry methods
<b>CO2</b>	Knowledge of different methods of conducting research and research writing
<b>CO3</b>	Familiarity with specific research related to built environment.

**Course Name :** MH4201 - Sustainable Architecture - Historic And Community Perspective

<b>CO1</b>	An understanding of relation between sustainability and human history
<b>CO2</b>	Knowledge about sustainable principles in built environments from the past and familiarity with their applications in contemporary situations
<b>CO3</b>	An understanding of sustainability in a holistic manner, incorporating past knowledge and current developments in the field.



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**COURSE OUTCOMES**

**Course Name :** MH4202 - Climate Change Adaptation And Resilience In Architecture

<b>CO1</b>	An understanding of the impact of climate change and specific vulnerabilities related to it.
<b>CO2</b>	Knowledge about designing built environment with respect to adaptation, mitigation and resilience associated with climate change
<b>CO3</b>	Familiarity with frameworks for addressing climate change.

**Course Name :** MH4221 - Geographical Information Systems For Built Environment

<b>CO1</b>	Awareness of GIS and the context of its use for different purposes
<b>CO2</b>	Knowledge of concepts, techniques, methods of GIS
<b>CO3</b>	Ability to apply GIS for specific situations/ realms involving the built environment

**Course Name :** MH4211 - Sustainable Design Studio

<b>CO1</b>	An ability to balance human needs with environmental concerns in architectural design
<b>CO2</b>	Skill in executing a small part of a broader idea into a workable solution.

**Course Name :** MH4301 - Urban Design: Theory And Practice

<b>CO1</b>	Awareness of urbanism as a phenomenon.
<b>CO2</b>	An understanding of the complexity involved in addressing contemporary urban issues
<b>CO3</b>	Knowledge of various contemporary processes and urban interventions

**Course Name :** MH4302 - Architectural Conservation: Policies And Practice

<b>CO1</b>	An understanding of the need and benefits of conservation at different scales
<b>CO2</b>	Sensitivity and knowledge about the process of architectural conservation
<b>CO3</b>	Knowledge about material aspects of historic buildings and their preservation
<b>CO4</b>	Exposure to various case studies involving conservation



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**COURSE OUTCOMES**

**Course Name : MH4311 - Dissertation**

<b>CO1</b>	Ability to carry out independent research
<b>CO2</b>	Ability to study, analyse and conclude on an area of interest
<b>CO3</b>	Depth of knowledge in a particular area that would give a base to start the Thesis project

**Course Name : MH4312 - Urban Environment Design Studio**

<b>CO1</b>	An ability to design buildings as positive additions to the city.
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**Course Name : MH4313 - Internship Training**

<b>CO1</b>	Additional knowledge and exposure with respect to specific areas of architecture for pursuing practice or independent research.
<b>CO2</b>	Ability to interact with others for constructive and holistic output

**Course Name : MH4411 - Thesis Project**

<b>CO1</b>	Ability to identify important, specific and unique aspects as informing the process of architectural design
<b>CO2</b>	Ability to study these aspects in depth and integrate them through methodologies/ techniques/ skills into the design project.