



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 EDUCATIONAL OBJECTIVES, PROGRAM OUTCOMES AND PROGRAM SPECIFIC OUTCOMES

Program Educational Objectives (PEOs):

Program educational objectives are broad statements that describe the career and professional accomplishments that the program is preparing graduates to achieve.

Program Outcomes (POs):

Program outcomes: Describe what students are expected to know and would be able to do by the time of graduation. These relate to the skills, knowledge, and behaviors that students acquire as they progress through the program.

Program Specific Outcomes (PSOs):

Program Specific Outcomes are statements that describe what the graduates of a specific engineering program should be able to do.


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B.Arch- Regulation 21 (R 21)

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs) – FIVE PEOs

Graduates of the programme B.Arch will

PEO 1	Become a practicing architect who can provide holistic and innovative solutions to needs and problems of society.
PEO 2	Find gainful employment in architectural firms/ building sector and contribute in design and decision making.
PEO 3	Be a part of organisations that influence policy and contribute to larger changes in society and environment.
PEO 4	Contribute to the discipline of architecture through higher studies, research and development.
PEO 5	Become a thinker and entrepreneur who can direct creative vision, explorations, services and products towards a better future in an interconnected world.

PROGRAMME OUTCOMES (POs) - TWELVE POs

After going through the five years of study, our B.Arch. graduates will exhibit ability to

PO#	Graduate Attribute	Programme Outcome
PO1	Analysis and Design Skill	Analyse and design architectural projects of all scales in a competent, innovative and appropriate manner as the situation
PO2	Understanding of Form and Architecture	Represent, understand and analyse forms and attributes of architecture in different ways (manual/ graphic/ diagrammatic/ digital means) so as to inform the architectural design process.


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PO3	Ability for Cognition, Expression and Communication	Understand situations through experience and express ideas through various modes- reading, writing, speaking, art, cognitive mapping, etc., that are consistent with the self and the world.
PO4	Historical, Social and Cultural Awareness	Identify/ analyse/ understand with sensitivity the various cultural, social and historical aspects of architecture as well as make meaningful and contextual design decisions.
PO5	Critical and Creative Thinking	Critically understand/ theorise existing situations and make positive creative transformations towards the future
PO6	Knowledge in Making of Building	Understand and contribute to constructional aspects of buildings involving material strength and choice, building component and structural design.
PO7	Support and Services to Buildings	Understand and work out basic and advanced services for a building in an optimal manner so as to enhance the quality of life
PO8	Environment and Physical Context	Understand the relationships between environment and architecture and design livable buildings that are sensitive to as well as tap the potential of the environment at different scales.
PO9	Skill in Building Analysis and Optimisation of Design	Calculate/analyse building costs and environmental performance and optimise design for varied criteria.
PO10	Profession and Ethics	Serve as a competent and ethical professional architect.

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PO11	Lifelong Learning, Research and Development	Understand and address specific aspects of the discipline of architecture in depth through rigorous exploratory and experimental studies and research.
PO12	Larger contribution to Society	Understand broader interdisciplinary connections with architecture and engage them to serve as a catalyst for positive change.

PROGRAM SPECIFIC OUTCOMES (PSOs)

B.Arch- R 21

PSO 1- Independently handle building design across various scales to address societal issues.

PSO 2- Lead a multidisciplinary team by taking on the role of facilitator to make design decisions.

PSO 3- Be knowledgeable about 3 'C's - context, climate & culture to implement sustainable practices in the built environment applying science and technology.

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