PROGRAM OUTCOMES FOR ARCHITECTURE PROGRAM

PO1. Purpose of Architectural studies: Apply the knowledge of material, spatial geometry, history, and people to an architectural solution

PO2. Problem analysis: Identify and analyze architectural problems and issues

PO3. Program development for solutions: Develop Architectural Design solutions for complex spatial issues with architectural design system, structural components and processes that address the specific contextual needs with appropriate consideration for the public health and safety, cultural, societal, and environmental considerations.

PO4. Perception of problems: Data collection, experiments, interpretation and analysis synthesis of the information to provide valid support to architectural solutions.

PO5. Progressive use of modern tools and techniques: Choice and application of suitable techniques, resources, including IT tools for prediction, analysis and design

PO6. Philanthropy and The Architect: Apply perceptive information and contextual knowledge to assess societal, health, safety, and cultural issues to arrive at the responsible architectural solutions.

PO7. Planet responsive: Comprehend the impact of architectural solutions in addressing environmental issues in societal contexts towards a sustainable development.

PO8. Professional Ethics: Commit to professional ethics and responsibilities in practice.

PO9. People friendly: Be an excellent team member in diverse teams for collaborative working along with individual responsibilities

PO10. Persuasive Communication: Communicate effectively to the society at large, with effective written reports, documentation drawings and presentation drawings.

PO11. Project management: Understanding of project's management principles and application to one's individual work in multiple environments.

PO12. Permanent and continuous Life-long learning: Prepare to engage in independent and life-long learning in the broadest context of constant change.

COURSE OUTCOME

Architectural program curriculum covers integrated courses to attain progressive outcomes. The various subjects fall under three major components such as Design, Humanities and Technology. The course focuses to develop the design ability, impart knowledge about various aspects of architecture and develop various skill sets.

Design

Design thinking is evolved through acquiring, assimilating and applying the multi-disciplinary information. Subjects such as Basic Design, Architectural Design, Architectural Project, Landscape Design, Urban Design and Town Planning form an important design related curriculum. The design knowledge required for the execution of ideas is through linear and vertical subject linkages. Understanding of traditions, architectural heritage, landscape design, urban design and vernacular architecture is developed through an interdisciplinary knowledge approach. This enhances their understanding of architectural design holistically.

Architectural Design subject is based on the understanding of fundamentals and principles of basic design. Students learn to comprehend design as a creative process of choice making, statement of intent and relationship between design, visual arts, building construction, climatology, building materials, structure to evolve a design solution.

To develop a holistic approach, students are also exposed to coordinating various aspects of building services, parking requirements, structural grids, site investigation, environmental aspects, programme formulation and design demonstration.

Humanities

Subjects such as Humanities, History of Architecture, and Introduction to Architecture, Contemporary Architecture Seminar and Professional Practice form the knowledge base of Humanities towards appropriate architectural solutions. The moral responsibilities of architectural profession is imparted to students through the vernacular, semi-urban and urban scale settlement studies. Students study the impact of culture and traditional values of the built environment. Knowledge of allied fields is explored through assignments to enhance holistic understanding of human habitat. Students study the aspects of anthropology, sociology, linguistics, philosophy, history, political science and understand the connection with architecture to deal with human society, civilization and culture with reference to time, space and people.

Subjects introduce students to the study of humanities and its importance in understanding of human settlements and architecture.

Curriculum encourages students to establish a critical and comprehensive viewpoint about the contemporary trends and approaches in architectural production in terms of design, practices, its perception, appreciation and critical discourses.

Building Technology

Subjects of Building Construction Materials and Technology, Theory of Structures, Quantity Surveying, Practical Training, Building Services, Technical Communication, Working Drawing, Architectural Drawing and Graphics, Model Making, Surveying and Leveling form the base of technical studies required for architectural education.

Emerging building technological trends and considerations are emphasized at all year wise levels of the programme.

The overall curriculum develops the students for the professional competence by making them aware of practical application by integrating the technological aspects with the real time situations.

Curriculum helps students to understand basic principles of construction and materials by developing the analytical and logical sequence of thinking.

Students learn to express various graphical projections through technical drawings.

All the subjects at primary, intermediate and advanced levels are interlinked at different stages of the programme which helps a seamless progress of the architectural education.