

STATEMENT OF PROGRAM GOAL
ARCHITECTURE
B.TecH. PROGRAM

PROGRAM GOAL:

Provide high quality education and training that will enhance the student's creativity and logical capacity and enable him/her to communicate effectively, to be technically competent in architecture, to work to the highest ethical standards, to function in multi-disciplinary teams and independently, to be creative and artistic, and to produce professional architectural designs.

PROGRAM OBJECTIVES

ARCHITECTURE

B.TecH. PROGRAM

The program should enable the student to:

1. Communicate effectively in English both orally and in writing in the professional setting.
2. Work individually and in a team environment.
3. Take an active role and participate in his/her career development to ensure technical competence.
4. Make use of the available computer communication resources.
5. Maintain and practice with the highest standard of codes and ethics.
6. Work on multi-disciplinary projects.
7. Accurately apply architectural principles in a professional environment. This includes:
 - a. The use of Computer Aided Design (CAD) to produce 2D and 3D drawings.
 - b. Production of 2D and 3D manual drawings.
 - c. Interpretation of 2D and 3D drawings.
 - d. Supervising work after gaining sufficient practical experience under supervision of professionals.
 - e. Producing professional presentations of designs.
 - f. Defending decisions.
 - g. Planning work.
 - h. Writing building specifications under the supervisions of professionals
8. Understand and apply the knowledge of building construction, building materials, building structures, landscaping, environmental science, and history of architecture.
9. Be creative and develop artistic skills.

PROGRAM OUTCOMES

ARCHITECTURE

B.Tech. PROGRAM

The graduate should be able to:

1. Function in multi-disciplinary teams
2. Appreciate the professional and ethical responsibility
3. Communicate effectively
4. Have knowledge of contemporary issues relating to architecture
5. Produce and interpret 2D architectural detail drawings
6. Produce 2D and 3D architectural presentation drawings
7. Produce and interpret 2D and 3D CAD drawings
8. Apply knowledge of building construction, materials, and structures
9. Apply knowledge of landscaping, environmental science, and history of architecture
10. Give oral presentations to clients
11. Defend decisions
12. Plan work
13. Analyze issues logically and creatively
14. Recognize of the need for and ability to engage in lifelong learning
15. Supervise work on site after gaining sufficient experience under the supervision of professionals
16. Write building specifications under the supervision of professionals
17. Produce creative designs
18. Produce artistic designs