

DEPARTMENT OF CIVIL ENGINEERING – VALUE ADDED COURSE

S.No.	Name of the Course	Description	Year Offered	Assessment Method	Industry / Professional Relevance
1	Interior Decoration	This course introduces students to the fundamental principles of interior design and space planning for residential and commercial buildings. Topics include colour schemes, lighting design, furniture arrangement, materials, and aesthetic elements used in interior environments.	Every Academic Year (30 Hours)	Assignment, Design Exercise, Practical Evaluation	Useful for careers in interior design, architectural consultancy, and building design services.
2	Vasthu and Building Plan	This course provides knowledge of traditional Indian architectural principles based on Vasthu Shastra and their relevance in modern building planning. Students learn about site orientation, spatial arrangements, and preparation of building plans considering Vasthu guidelines along with modern building regulations.	Every Academic Year (30 Hours)	Plan Preparation, Viva Voce, Practical Assessment	Helps students in residential building planning and construction consultancy.
3	3Ds Max	This course introduces students to Autodesk 3Ds Max software used for 3D modelling, rendering, and architectural visualization. Students learn to create 3D models of buildings, interiors, and structural elements and develop realistic renderings for project presentations.	Every Academic Year (30 Hours)	Practical Test, Model Development, Project Submission	Widely used in architectural visualization, animation, and infrastructure design industries.
4	Revit Architecture	This course introduces students to Autodesk Revit Architecture, a Building Information Modelling (BIM) software used for architectural design, drafting, and documentation. Students learn to create intelligent 3D building models, generate architectural drawings, and coordinate building components using BIM technology.	Every Academic Year (30 Hours)	Practical Exercises, Model Creation, Final Project	Highly relevant for BIM-based construction projects, architectural firms, and modern digital construction workflows.