



Course Name: GREEN BUILDING TECHNOLOGY

YEAR & SEM: I & I Sem

PE117SE	Course Outcomes	Bloom/ Taxonomy Level
PE117SE.1	Understand the fundamentals of energy use and energy processes in building.	UNDERSTAND
PE117SE.2	Identify the energy requirement and its management	ANALYZE
PE117SE.3	Know the Sun-earth relationship vis-a-vis its effect on climate.	REMEMBER
PE117SE.4	Be acquainted with the end-use energy requirements.	APPLY
PE117SE.5	Students will be familiar with the audit procedures of energy	UNDERSTAND
PE117SE.6	Students will understand Energy Management options	UNDERSTAND

Course Name: LEGAL ISSUES IN CONSTRUCTION MANAGEMENT

YEAR & SEM: I & I Sem

PE112CM	Course Outcomes	Bloom/ Taxonomy Level
PE112CM.1	Students will learn about legal issues in Construction in the Indian Judicial System	Understand
PE112CM.2	Students will able to understand Construction Tendering Process	Understand
PE112CM.3	Know different types of contracts in construction, arbitration and legal aspects and its provision	Understand
PE112CM.4	Students will able to know about the Disputes and Liabilities in Construction	Understand
PE112CM.5	Students will understand about the Construction Liabilities and Litigations, Disputes in Land Development,	Understand
PE112CM.6	Students can understand about the Dispute Resolution in Construction	Understand



Course Name: DISASTER MITIGATION AND MANAGEMENT

YEAR & SEM: I & I Sem

AC101CM	Course Outcomes	Bloom/ Taxonomy Level
AC101CM.1	Understand the fundamentals of disaster maintenance and repair strategies. -	Understand
AC101CM.2	Know the materials and techniques used for repair of structures.	Remember
AC101CM.3	Decide the appropriate repair, strengthening, rehabilitation and technique required for a case study building.	Analyze
AC101CM.4	Ability to critically review and interpret scientific information on mathematics of flood forecasting and flood routing	Analyze
AC101CM.5	Advanced understanding of flood plain adjustment issues	Understand
AC101CM.6	The other technologies employed for flood management.	Remember

Course Name: CONSTRUCTION PROJECT ADMINISTRATION

YEAR & SEM: I & I Sem

PC102CM	Course Outcomes	Bloom/ Taxonomy Level
PC102CM.1	know about the construction administration and Quality aspects.	Remember
PC102CM.2	understand the lines of authority in construction projects.	Understand
PC102CM.3	Learn different risks associated with construction industry and remedial measures	Remember
PC102CM.4	understand the IS specifications and drawings in construction projects.	Understand
PC102CM.5	Comprehend and understand pre-construction operations and its limitations	Remember
PC102CM.6	Understand duties & functions of construction manager	Understand



Course Name: Research Methodology and IPR

YEAR & SEM: I & I Sem

MC5121ME	Course Outcomes	Bloom/ Taxonomy Level
MC5121ME.1	Define research problem, review and assess the quality of literature from various sources	Understand
MC5121ME.2	Improve the style and format of writing a report for technical paper/ Journal report, understand and develop various research designs.	Remember
MC5121ME.3	Collect the data by various methods: observation, interview, questionnaires	Apply
MC5121ME.4	Analyse problem by statistical techniques: ANOVA, F-test, Chisquare	Analyze
MC5121ME.5	Understand apply for patent and copyrights	Understand

Course Name: Construction Management

YEAR & SEM: I & I Sem

CE601.1	Course Outcomes	Bloom/ Taxonomy Level
CE601.1	Ability to take responsibilities as construction manager	Understand
CE601.2	Awareness of principles of construction Management and decision making in construction Industry	Remember
CE601.3	Applications of mobilization, cost time schedules and MIS technique in the real time construction operation	Understand
CE601.4	Application of work study measurements	Understand
CE601.5	Knowledge of work measurement application in construction industry	Understand



Department of Civil Engineering

Course Outcome

(Academic Year: 2021–22; II Year I Sem)

Course Name: -CE619 Construction Planning Equipments and Methods

Students will be able to

CO. No	Description	Bloom's Taxonomy Level
CE619.1	Evaluate advantages and disadvantages of prefabrication in construction industry	BTL2
CE619.2	comprehend different I.S. recommendations for modular planning	BTL1
CE619.3	Able to understand the role of hoisting equipments in construction industry	BTL2
CE619.4	Able to apply the knowledge of equipment in the manufacturing of concrete.	BTL4
CE619.5	Acquire the knowledge of conveying equipments used in construction industry.	BTL2

Course Name: - CE903 - Industrial Safety (OU)

Students will be able to

CO. No	Description	Bloom's Taxonomy Level
CE903.1	Identify the causes for industrial accidents and suggest preventive measures.	BTL4
CE903.2	Identify the causes for industrial accidents and suggest preventive measures.	BTL4
CE903.3	Apply different techniques to reduce and prevent Wear and corrosion in Industry.	BTL3
CE903.4	Identify different types of faults present in various equipments like machine tools, IC Engines, boilers etc.	BTL2
CE903.5	Apply periodic and preventive maintenance techniques as required for industrial equipments like motors, pumps and air compressors and machine tools etc	BTL2



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Course Name: Major Project Phase – I YEAR & SEM: II & I Sem

CO. No	Description	Bloom's Taxonomy Level
1	Exposed to self-learning various topics..	BTL2
2	Learn to survey the literature such as books, journals and contact resource persons for the selected topic of research.	BTL2
3	Learn to write technical reports.	BTL2
4	Develop oral and written communication skills to present.	BTL3
5	Defend their work in front of technically qualified audience	BTL3