



Course Name: Computing Application Lab in Construction

Mangement

YEAR & SEM: I & II Sem

PC152CM	Course Outcomes	Bloom/ Taxonomy Level
PC152CM.1	Students will Understand Matlab	UNDERSTAND
PC152CM.2	Students can apply various toolbox of Matlab in practical applications	APPLY
PC152CM.3	Students gain top level knowledge on BIM in a research-oriented environment, with close cooperation with the industry and with a strong focus on problem solving.	EVALUATE
PC152CM.4	students will gain theoretical knowledge and practical application of Primavera P6 for developing project baseline schedules, monitoring and controlling in-progress projects and applying control measures to arrest slippages in the projects	ANALYZE
PC152CM.5	students will be able to describe what MS Project is and what is capabilities are	UNDERSTAND
PC152CM.6	students may consider engaging in a further degree of studies towards (PhD) research on various software tools with high level of proficiency.	REMEMBER



Course Name: QUANTITATIVE METHODS IN CONST. MANAGEMENT

YEAR & SEM: I & II Sem

PC104CM	Course Outcomes	Bloom/ Taxonomy Level
PC104CM.1	Ability to learn various quantitative methods and apply for various construction engineering problems.	APPLY
PC104CM.2	Ability to form and solve application based Linear Programming problem to optimize the objectives	APPLY
PC104CM.3	. Able to understand transportation model utility and its application in construction industry	UNDERSTAND
PC104CM.4	Understand modification of network flow problems to optimize the usage of resources	UNDERSTAND
PC104CM.5	Understand the concept of simulation, decision theory, sequencing and queuing theory	UNDERSTAND
PC104CM.6	Understand the concepts of Modifications and improvements on CPM/PERT techniques.	UNDERSTAND

Course Name: Construction Planning Equipments And Methods

YEAR & SEM: I & III Sem

PE121CM	Course Outcomes	Bloom/ Taxonomy Level
PE121CM.1	Evaluate advantages and disadvantages of prefabrication in construction industry	EVALUATE
PE121CM.2	comprehend different I.S. recommendations for modular planning	REMEMBER
PE121CM.3	Analyze the role of hoisting equipment in construction industry	ANALYZE
PE121CM.4	Analyze the role of Concrete mixers, truck mixers, pneumatic concrete placer and vibrators for concrete in construction industry	ANALYZE
PE121CM.5	Analyze the role of Scaffolding in construction industry	ANALYZE
PE121CM.6	Analyze the role of Conveying equipment in construction industry	ANALYZE

Course Name: TQM TECHNIQUES IN CONSTRUCTION



LORDS INSTITUTE OF ENGINEERING & TECHNOLOGY

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YEAR & SEM: I & II Sem

PE116CM	Course Outcomes	Bloom/ Taxonomy Level
PE116CM.1	Students will able to understand quality management in construction	UNDERSTAND
PE116CM.2	To know formal quality Assurance & ISO Clauses	REMEMBER
PE116CM.3	Understand leadership in total quality management in construction projects	UNDERSTAND
PE116CM.4	To enable students to describe how people behave under different conditions and understand why people behave as they do.	REMEMBER
PE116CM.5	Analyze how lean techniques can be applied to manufacturing & service industry	ANALYZE
PE116CM.6	Understand research objectives, senior management and total quality management	UNDERSTAND