

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year -2021-22

Course Outcomes

B.TECH.8th SEM

**PROJECT MANAGEMENT &
ENTREPRENEURSHIP
(KHU802)**

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Apply knowledge of database for real life applications.
(CO2)	Apply query processing techniques to automate the real time problems of databases.
(CO3)	Identify and solve the redundancy problem in database tables using normalization.
(CO4)	Understand the concepts of transactions, their processing so they will familiar with broad range of database management issues including data integrity, security and recovery.
(CO5)	Design, develop and implement a small database project using database tools.

ENTREPRENEURSHIP DEVELOPMENT (KOE-083)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Describe the basics of control systems along with different types of feedback and its effect. Additionally they will also be able to explain the techniques such as block diagrams reduction, signal flow graph and modelling of various physical systems along with modelling of DC servomotor.
(CO2)	Explain the concept of state variables for the representation of LTI system.
(CO3)	Interpret the time domain response analysis for various types of inputs along with the time domain specifications.
(CO4)	Distinguish the concepts of absolute and relative stability for continuous data systems along with different methods.

(CO5)	Interpret the concept of frequency domain response analysis and their specifications.
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DATA WAREHOUSING & DATA MINING (KOE-093)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Design new algorithms, prove them correct, and analyze their asymptotic and absolute runtime and memory demands.
(CO2)	Find an algorithm to solve the problem (create) and prove that the algorithm solves the problem correctly (validate).
(CO3)	Understand the mathematical criterion for deciding whether an algorithm is efficient, and know many practically important problems that do not admit any efficient algorithms.
(CO4)	Apply classical sorting, searching, optimization and graph algorithms.
(CO5)	Understand basic techniques for designing algorithms, including the techniques of recursion, divide-and-conquer, and greedy.

Project (KEC-851)

Course Outcome (CO)	Details of Course Outcomes
(CO1)	Understand and apply oracle 11 g products for creating tables, views, indexes, sequences and other database objects.
(CO2)	Design and implement a database schema for company data base, banking data base, library information system, payroll processing system, student information system.
(CO3)	Write and execute simple and complex queries using DDL, DML, DCL and TCL.
(CO4)	Write and execute PL/SQL blocks, procedure functions, packages and triggers, cursors.
(CO5)	Enforce entity integrity, referential integrity, key constraints, and domain constraints on database.