

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRONICS ENGINEERING
COURSE OUTCOMES (CO)
TE (2019 COURSE)

Subject:– Fundamentals of HDL (304212) ,TE- Sem- VI

After successfully completing the course students will be able to,

Co. No.	Description	Bloom's Taxonomy Level
C312.1	Learn the role of HDL in digital system design using the latest tools like VHDL	2
C312.2	Describe & Test digital logic circuits in data flow description, structural description and behavioral description using VHDL.	3
C312.3	Analyze digital system design using PLD.	4
C312.4	Understand the basics of Hardware Description Languages, Program structure and basic language elements of Verilog.	2
C312.5	Model digital systems in verilog HDL at different levels of abstraction. Understand the simulation techniques and test bench creation.	3,2
C312.6	Apply advanced constructs like Procedure, Task & Functions to make models of digital logic systems using VHDL & Verilog.	3

Subject: Embedded Processors and Applications (304213), TE- Sem- VI

After successfully completing the course students will be able to,

Co. No.	Description	Bloom's Taxonomy Level
C304.1	Describe architecture of MSP430x5xxx, Explain different CPU,GPIO registers,interrupt and timer in MSP430 , Design an Embedded system with available resources.	1,2,6
C304.2	Describe ARM Processor and also compare ARM7,ARM9 and ARM11 and Illustrate suitability in Embedded Application, Explain different flow model along with registers.	1,2
C304.3	Describe architecture of ARM LPC2148 and Design various applications using same.	1,2,6
C304.4	Design and interface the advanced peripherals to ARM based microcontroller.	6
C304.5	Describe various ARM Cortex series and its applications, Identify need of Operating System and Survey of Cortex M3 based microcontroller and its comparison . Also compare Cortex A, Cortex R, Cortex M.	2,3,4
C304.6	Design simple applications using ARM and IoT	6

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Subject: Industrial Management (304214), TE- Sem- VI

After successfully completing the course students will be able to,

Co. No.	Description	Bloom's Taxonomy Level
C304.1	Understand Basic principles of management - will describe himself with management process, functions and principles	2
C304.2	Understand the complexities associated with management of human resources in the organizations and integrate the learning in handling these complexities.	2
C304.3	The process of identifying the quality standards relevant to the project and deciding how to meet them with the help of different tools.	2
C304.4	To enable them to analyze and understand the environment of the organization.	2, 4
C304.5	Identify the idea about new developments in business and its management. Classify the business firms. Understand business forms, procedures.	2
C304.6	Get motivation for Entrepreneurship	1

Subject: Elective-II (Advanced JAVA Programming (304195), TE- Sem- VI

After successfully completing the course students will be able to,

Co. No.	Description	Bloom's Taxonomy Level
C304.1	Design and develop GUI applications using Applets.	6
C304.2	Apply relevant AWT/ swing components to handle the given event.	3
C304.3	Design and develop GUI applications using Abstract Windowing Toolkit (AWT), Swing and Event Handling.	6
C304.4	Understand to access database through Java programs, using Java Database Connectivity (JDBC)	2
C304.5	Apply the remote methods in an application using Remote Method Invocation (RMI).	3
C304.6	Develop program for client /server communication using Java Networking classes.	6

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