PRESIDENCY UNIVERSITY

(Established under the Presidency University Act, 2013 of the Karnataka Act 41 of 2013)

COURSE OUTCOMES MAPPINGS WITH POs AND PSOs

For AY 2022-23

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

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SAMPLE MAPPINGS IN ODD/ FALL SEMESTER-AY 2022-2023

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School Of Engineering
Department of Civil Engineering

Course Code: CIV1003
Course Title: Elements of Engineering Mechanics

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CIV1003 - CO1	Recognize the significance of the principles of mechanics in the engineering context	Knowledge
CIV1003 - CO2	Illustrate the fundamentals of equilibrium of forces acting on a body	Comprehension
CIV1003 - CO3	Explain the effects of friction on a rigid body lying in different planes	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CIV1003 - CO1	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00
CIV1003 - CO2	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00
CIV1003 - CO3	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
CIV1003 - CO1	3.00	3.00	3.00	0.00
CIV1003 - CO2	3.00	3.00	2.00	0.00
CIV1003 - CO3	3.00	3.00	2.00	0.00

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PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering

Department of Electronics and Communication Engineering

Course Code: ECE3008
Course Title: VLSI Design

Course Outcomes:

CO Number	CO Statement	Bloom's Level
ECE3008 - CO1	Discuss the basic concepts of VLSI design.	Comprehension
ECE3008 - CO2	Interpret the MOS transistor theory	Comprehension
ECE3008 - CO3	Evaluate the working of various CMOS combinational and sequential circuits.	Comprehension
ECE3008 - CO4	Develop combinational and sequential circuits using Hardware Description Language.	Application
ECE3008 - CO5	Compute various design parameters of digital circuits using cadence tool.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
ECE3008 - CO1	3.00	2.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	1.00
ECE3008 - CO2	3.00	3.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	1.00
ECE3008 - CO3	3.00	2.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	1.00
ECE3008 - CO4	2.00	3.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	1.00
ECE3008 - CO5	3.00	2.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	0.00	1.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
ECE3008 - CO1	2.00	0.00	3.00	1.00
ECE3008 - CO2	2.00	0.00	3.00	1.00
ECE3008 - CO3	2.00	0.00	3.00	1.00
ECE3008 - CO4	2.00	0.00	3.00	1.00
ECE3008 - CO5	2.00	0.00	3.00	1.00

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School Of Engineering
Department of Electrical and Electronics Engineering

Course Code: EEE2003
Course Title: Electromagnetic Fields

Course Outcomes:

CO Number	CO Statement	Bloom's Level
EEE2003 - CO1	Select the suitable coordinating system for Electromagnetic field systems.	Comprehension
EEE2003 - CO2	Explain the concept of electrostatics fields.	Comprehension
EEE2003 - CO3	Describe the principles of magneto statics fields.	Application
EEE2003 - CO4	Summarize the static and time varying field equations.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
EEE2003 - CO1	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
EEE2003 - CO2	3.00	3.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
EEE2003 - CO3	3.00	3.00	0.00	2.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
EEE2003 - CO4	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
EEE2003 - CO1	2.00	2.00	0.00
EEE2003 - CO2	2.00	1.00	1.00
EEE2003 - CO3	1.00	3.00	0.00
EEE2003 - CO4	2.00	2.00	1.00

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School Of Engineering
Department of Mechanical Engineering

Course Code: MEC2016
Course Title: Material Science and Metallurgy

Course Outcomes:

CO Number	CO Statement	Bloom's Level
MEC2016 - CO1	Describe the crystal structure, crystal imperfections and diffusion process in solids	Knowledge
MEC2016 - CO2	Describe the phases, phase diagrams and phase transformations	Comprehension
MEC2016 - CO3	Discuss various heat treatment processes and their impact on material properties.	Comprehension
MEC2016 - CO4	Classify various engineering materials and their applications.	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MEC2016 - CO1	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MEC2016 - CO2	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MEC2016 - CO3	3.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	1.00	0.00	0.00
MEC2016 - CO4	3.00	0.00	0.00	0.00	0.00	2.00	1.00	0.00	0.00	1.00	0.00	1.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
MEC2016 - CO1	2.00	0.00	0.00	0.00
MEC2016 - CO2	0.00	2.00	0.00	0.00
MEC2016 - CO3	0.00	2.00	0.00	0.00
MEC2016 - CO4	0.00	2.00	0.00	0.00

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School Of Engineering

Department of Petroleum Engineering

Course Code: PET1001
Course Title: Petroleum Geology

Course Outcomes:

CO Number	CO Statement	Bloom's Level
PET1001 - CO1	Describe different processes acting below and above the surface of the earth	Comprehension
PET1001 - CO2	Explain the role of petroleum system in the oil and gas industry	Application
PET1001 - CO3	Recognize different types of sedimentary basins and sedimentary environments	Application
PET1001 - CO4	Apply basic knowledge of geology while performing laboratory experiments	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PET1001 - CO1	1.00	1.00	0.00	0.00	1.00	1.00	1.00	2.00	3.00	2.00	0.00	2.00
PET1001 - CO2	2.00	1.00	0.00	0.00	1.00	1.00	1.00	2.00	3.00	2.00	0.00	2.00
PET1001 - CO3	2.00	1.00	0.00	0.00	1.00	1.00	1.00	2.00	2.00	2.00	0.00	2.00
PET1001 - CO4	1.00	1.00	0.00	0.00	1.00	1.00	1.00	1.00	2.00	2.00	0.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
PET1001 - CO1	0.00	1.00	0.00
PET1001 - CO2	0.00	0.00	1.00
PET1001 - CO3	0.00	0.00	1.00
PET1001 - CO4	0.00	0.00	1.00

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School Of Engineering
Department of Learning and Development

Course Code: PPS1003
Course Title: Personality Development - Basics

Course Outcomes:

CO Number	CO Statement	Bloom's Level
PPS1003 - CO1	Demonstrate confidence and effective communication.	Application
PPS1003 - CO2	Prepare for impressive professional and social interactions	Synthesis
PPS1003 - CO3	Recognize proper grooming standards and corporate etiquette	Comprehension
PPS1003 - CO4	Understand team behaviour	Knowledge

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
PPS1003 - CO1	2.00	3.00	3.00	3.00	0.00	0.00	0.00
PPS1003 - CO2	2.00	3.00	1.00	3.00	0.00	0.00	0.00
PPS1003 - CO3	2.00	2.00	2.00	3.00	0.00	0.00	0.00
PPS1003 - CO4	2.00	3.00	3.00	3.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
PPS1003 - CO1	0.00	0.00	0.00
PPS1003 - CO2	0.00	0.00	0.00
PPS1003 - CO3	0.00	0.00	0.00
PPS1003 - CO4	0.00	0.00	0.00

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School Of Engineering
Department of Languages

Course Code: ENG1002
Course Title: Technical English

Course Outcomes:

CO Number	CO Statement	Bloom's Level
ENG1002 - CO1	Examine the function and purpose of communication and email writing	Knowledge
ENG1002 - CO2	Apply language skills for writing technical descriptions.	Application
ENG1002 - CO3	Express their ideas and designs clearly.	Application
ENG1002 - CO4	Identify the language skills required for technical proposal writing	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
ENG1002 - CO1	0.00	0.00	0.00	0.00	1.00	2.00	0.00	0.00	1.00	3.00	0.00	0.00
ENG1002 - CO2	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	1.00	2.00	0.00	1.00
ENG1002 - CO3	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	3.00	2.00	0.00	2.00
ENG1002 - CO4	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	2.00	3.00	0.00	2.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
ENG1002 - CO1	0.00	0.00	0.00	0.00
ENG1002 - CO2	0.00	0.00	0.00	0.00
ENG1002 - CO3	0.00	0.00	0.00	0.00
ENG1002 - CO4	0.00	0.00	0.00	0.00

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School Of Engineering
Department of Mathematics

Course Code: MAT1001
Course Title: Calculus & Linear Algebra

Course Outcomes:

CO Number	CO Statement	Bloom's Level
MAT1001 - CO1	Demonstrate the application of matrix principles to obtain the different forms of a square matrix	Comprehension
MAT1001 - CO2	Apply the concepts solution of partial derivatives for two variable functions	Comprehension
MAT1001 - CO3	Solve the integral functions of one, two and three variables	Application
MAT1001 - CO4	Apply the principles of solution of differential equations to obtain solution for a higher order differential equation	Comprehension
MAT1001 - CO5	Demonstrate the use of MATLAB software for solution of various differential, integral and linear algebra equations	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MAT1001 - CO1	3.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MAT1001 - CO2	3.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MAT1001 - CO3	3.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MAT1001 - CO4	3.00	1.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MAT1001 - CO5	3.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
MAT1001 - CO1	0.00	0.00	0.00	0.00
MAT1001 - CO2	0.00	0.00	0.00	0.00
MAT1001 - CO3	0.00	0.00	0.00	0.00
MAT1001 - CO4	0.00	0.00	0.00	0.00
MAT1001 - CO5	0.00	0.00	0.00	0.00

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School Of Engineering
Department of Chemistry

Course Code: CHE1018
Course Title: Environmental Science

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CHE1018-CO1	Outline the need for eco-balance	Knowledge
CHE1018-CO2	Memorize basic knowledge about global climate change with particular reference to the Indian context	Knowledge
CHE1018-CO3	Identify ways to protect the environment	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CHE1018-CO1	2.00	0.00	0.00	1.00	2.00	1.00	0.00	0.00	2.00	1.00	0.00	0.00
CHE1018-CO2	3.00	0.00	0.00	3.00	2.00	1.00	0.00	0.00	1.00	1.00	0.00	0.00
CHE1018-CO3	3.00	0.00	0.00	2.00	2.00	1.00	0.00	0.00	3.00	3.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
CHE1018-CO1	0.00	0.00	0.00	0.00
CHE1018-CO2	0.00	0.00	0.00	0.00
CHE1018-CO3	0.00	0.00	0.00	0.00

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School Of Engineering
Department of Physics

Course Code: PHY1001
Course Title: Materials Physics

Course Outcomes:

CO Number	CO Statement	Bloom's Level
PHY1001 - CO1	Identify the crystal structure of materials from X-ray diffraction patterns.	Comprehension
PHY1001 - CO2	Describe the mechanical, thermal and corrosive properties of materials.	Knowledge
PHY1001 - CO3	Analyze the importance of material properties for a wide range of engineering applications.	Comprehension
PHY1001 - CO4	Students can able to Design, build, or assemble a part, product, or system using specific methodologies, equipment and materials.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PHY1001 - CO1	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
PHY1001 - CO2	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
PHY1001 - CO3	0.00	3.00	0.00	0.00	0.00	2.00	0.00	0.00	1.00	0.00	0.00	0.00
PHY1001 - CO4	2.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	3.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
PHY1001 - CO1	0.00	0.00	0.00	0.00
PHY1001 - CO2	0.00	0.00	0.00	0.00
PHY1001 - CO3	0.00	0.00	0.00	0.00
PHY1001 - CO4	0.00	0.00	0.00	0.00

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School of Commerce and Economics

Course Code: BCH1001
Course Title: Business Analytics Fundamentals

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BCH1001 - CO1	Describe the usage of data for Business decision making	Knowledge
BCH1001 - CO2	Discuss the usage of excel in data analysis	Comprehension
BCH1001 - CO3	Explain the steps involved in combining the data with power query	Comprehension
BCH1001 - CO4	Illustrate the data computations through excel	Application
BCH1001 - CO5	Demonstrate data projection through pivot tables	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6
BCH1001 - CO1	2.00	2.00	1.00	2.00	2.00	2.00
BCH1001 - CO2	1.00	2.00	2.00	1.00	2.00	2.00
BCH1001 - CO3	2.00	1.00	1.00	2.00	2.00	2.00
BCH1001 - CO4	1.00	1.00	2.00	2.00	2.00	1.00
BCH1001 - CO5	2.00	1.00	1.00	2.00	2.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
BCH1001 - CO1	2.00	1.00	1.00
BCH1001 - CO2	1.00	1.00	1.00
BCH1001 - CO3	0.00	2.00	1.00
BCH1001 - CO4	2.00	2.00	1.00
BCH1001 - CO5	0.00	2.00	1.00

REGISTRAR
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School of Management-UG

Course Code: BBB3003
Course Title: Application of Business Analytics

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BBB3003 - CO1	Illustrate data management to execute descriptive analytics	Application
BBB3003 - CO2	Compute various data visualization methods used in business practices	Application
BBB3003 - CO3	Predict business trends based on predictive analytics used in business decision making	Application
BBB3003 - CO4	Illustrate the business stakeholders to optimize and achieve business objectives using data	Application
BBB3003 - CO5	Construct the methodology for data processing, results generation, interpretation and presentation	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
BBB3003 - CO1	3.00	3.00	3.00	2.00	1.00	2.00	2.00
BBB3003 - CO2	3.00	3.00	3.00	1.00	2.00	3.00	1.00
BBB3003 - CO3	3.00	3.00	3.00	1.00	2.00	3.00	1.00
BBB3003 - CO4	3.00	3.00	1.00	1.00	1.00	2.00	1.00
BBB3003 - CO5	3.00	3.00	3.00	1.00	2.00	3.00	1.00

CO NO	PSO-1	PSO-2	PSO-3
BBB3003 - CO1	2.00	1.00	1.00
BBB3003 - CO2	2.00	0.00	2.00
BBB3003 - CO3	2.00	2.00	2.00
BBB3003 - CO4	2.00	1.00	1.00
BBB3003 - CO5	2.00	2.00	2.00

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School of Management-PG

Course Code: MBA3017
Course Title: Business Forecasting

Course Outcomes:

CO Number	CO Statement	Bloom's Level
MBA3017 - CO2	Discuss time series data decomposition, analysis by applying forecasting tools	Comprehension
MBA3017 - CO3	Illustrate real-time business situations using advanced forecasting methods [Application]	Application
MBA3017 - CO4	Apply forecasting results with the domain expertise to improve employability [Application]	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
MBA3017 - CO2	0.00	1.00	3.00	3.00	2.00	0.00	0.00
MBA3017 - CO3	0.00	2.00	2.00	3.00	3.00	0.00	0.00
MBA3017 - CO4	0.00	3.00	3.00	2.00	3.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
MBA3017 - CO2	3.00	2.00	3.00
MBA3017 - CO3	1.00	2.00	2.00
MBA3017 - CO4	1.00	1.00	1.00

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School of Design

Course Code: BDF305
Course Title: Fashion Merchandising

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BDF305-CO1	Identify and define various departments and activities of apparel industry	Knowledge
BDF305-CO2	Explain skills required in apparel production in industrial set-up	Comprehension
BDF305-CO3	Define various marketing and merchandising terminologies	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
BDF305-CO1	2.00	2.00	0.00	0.00	3.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00
BDF305-CO2	3.00	3.00	0.00	0.00	3.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00
BDF305-CO3	3.00	2.00	0.00	0.00	2.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
BDF305-CO1	3.00	3.00	3.00
BDF305-CO2	2.00	2.00	3.00
BDF305-CO3	3.00	3.00	3.00

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School of Computer Science and Engineering

Course Code: CSE2009
Course Title: Computer Organization and Architecture

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CSE2009 - CO1	Discuss the basic components of a computer, their interconnections, and instruction set architecture	Comprehension
CSE2009 - CO2	Apply appropriate techniques to carry out selected arithmetic operations	Application
CSE2009 - CO3	Explain the organization of memory and processor sub-system	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSE2009 - CO1	3.00	3.00	2.00	2.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
CSE2009 - CO2	3.00	3.00	2.00	1.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
CSE2009 - CO3	3.00	3.00	1.00	2.00	0.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
CSE2009 - CO1	3.00	2.00	0.00
CSE2009 - CO2	3.00	2.00	0.00
CSE2009 - CO3	3.00	1.00	0.00

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School of Information Science

Course Code: CSA1005
Course Title: Object Oriented Programming using Java

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CSA1005 - CO1	Summarize the Object-oriented concepts with example program.	Comprehension
CSA1005 - CO2	Apply the concept of polymorphism & inheritance to solve real time problems.	Application
CSA1005 - CO3	Illustrate programs on Interface, Package and Exception handling.	Application
CSA1005 - CO4	Demonstrate multi-threading concept in Java Applications	Application
CSA1005 - CO5	Apply abstract window toolkit to design engineering applications	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSA1005 - CO1	3.00	3.00	2.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
CSA1005 - CO2	2.00	2.00	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
CSA1005 - CO3	2.00	2.00	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
CSA1005 - CO4	2.00	2.00	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00
CSA1005 - CO5	2.00	2.00	3.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
CSA1005 - CO1	3.00	3.00	2.00
CSA1005 - CO2	2.00	2.00	3.00
CSA1005 - CO3	2.00	2.00	3.00
CSA1005 - CO4	2.00	2.00	3.00
CSA1005 - CO5	2.00	2.00	3.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School of Law

Course Code: BAL103
Course Title: Public Administration: Core Concepts

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BAL103 - CO1	Explain the nature and scope of Public Administration	Comprehension
BAL103 - CO2	Identify basic concepts and principles of public administration	Comprehension
BAL103 - CO3	Analyze the theories of public administration	analysis
BAL103 - CO4	Examine the emerging trends in public administration	analysis

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
BAL103 - CO1	3.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00
BAL103 - CO2	3.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00
BAL103 - CO3	3.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00
BAL103 - CO4	3.00	3.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
BAL103 - CO1	2.00	2.00	2.00
BAL103 - CO2	2.00	2.00	2.00
BAL103 - CO3	2.00	2.00	2.00
BAL103 - CO4	2.00	2.00	2.00

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

School of Media Studies

Course Code: BAJ1001
Course Title: Fundamentals of Journalism

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BAJ1001 - CO1	Describe the nature and scope of journalism	Knowledge
BAJ1001 - CO2	Demonstrate the ability to think critically and independently(	Knowledge
BAJ1001 - CO3	Apply the principles of journalism and express oneself clearly both in writing and orally.(	Comprehension
BAJ1001 - CO4	Aanalyze the events and carry out background research competently.	Comprehension
BAJ1001 - CO5	Examine the technical jargons of journalism learnt	Synthesis

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
BAJ1001 - CO1	2.00	0.00	1.00	1.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00
BAJ1001 - CO2	1.00	2.00	2.00	3.00	2.00	2.00	0.00	0.00	0.00	2.00	1.00
BAJ1001 - CO3	3.00	2.00	0.00	0.00	2.00	0.00	1.00	0.00	0.00	1.00	3.00
BAJ1001 - CO4	2.00	0.00	2.00	3.00	1.00	2.00	0.00	3.00	0.00	1.00	3.00
BAJ1001 - CO5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
BAJ1001 - CO1	3.00	0.00	0.00
BAJ1001 - CO2	2.00	0.00	0.00
BAJ1001 - CO3	3.00	0.00	0.00
BAJ1001 - CO4	2.00	0.00	0.00
BAJ1001 - CO5	3.00	0.00	0.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

PRESIDENCY UNIVERSITY

SAMPLE MAPPINGS IN EVEN/ WINTER SEMESTER-AY 2022-2023

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Civil Engineering

Course Code: CIV1005
Course Title: Surveying

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CIV1005-CO1	Apply the knowledge of fundamental principles of surveying to establish points by predetermined linear and angular measurements.	Knowledge
CIV1005-CO2	Compute the distance and elevation using the concepts of levelling by direct or indirect method.	Comprehension
CIV1005-CO3	Interpreting the details of field and contours on sheet by site mapping using the concepts of plane table survey and contouring	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CIV1005-CO1	3.00	2.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00
CIV1005-CO2	3.00	2.00	0.00	0.00	2.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00
CIV1005-CO3	3.00	2.00	0.00	0.00	3.00	0.00	0.00	0.00	2.00	3.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
CIV1005-CO1	1.00	1.00	0.00	0.00
CIV1005-CO2	1.00	1.00	0.00	0.00
CIV1005-CO3	2.00	2.00	0.00	0.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering

Department of Electronics and Communication Engineering

Course Code: ECE2007
Course Title: Digital Design

Course Outcomes:

CO Number	CO Statement	Bloom's Level
ECE2007-CO1	Describe the concepts of number systems, Boolean algebra and logic gates.	Knowledge
ECE2007-CO2	Apply minimization techniques to simplify Boolean expressions.	Application
ECE2007-CO3	Demonstrate the Combinational circuits for a given logic.	Application
ECE2007-CO4	Demonstrate the Sequential and programmable logic circuits.	Application
ECE2007-CO5	Implement various combinational and sequential logic circuits using gates.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
ECE2007-CO1	3.00	2.00	1.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
ECE2007-CO2	2.00	3.00	3.00	1.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
ECE2007-CO3	3.00	2.00	3.00	2.00	2.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
ECE2007-CO4	2.00	2.00	3.00	2.00	3.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
ECE2007-CO5	2.00	3.00	1.00	3.00	3.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
ECE2007-CO1	1.00	1.00	1.00	1.00
ECE2007-CO2	1.00	1.00	1.00	1.00
ECE2007-CO3	1.00	1.00	1.00	1.00
ECE2007-CO4	1.00	1.00	1.00	1.00
ECE2007-CO5	1.00	1.00	1.00	1.00

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Electrical and Electronics Engineering

Course Code: EEE2017
Course Title: Electrical Machines-II

Course Outcomes:

CO Number	CO Statement	Bloom's Level
EEE2017-CO1	Describe the principles of working, performance and applications of Three Phase and Single-Phase Induction Motor	Comprehension
EEE2017-CO2	Relate phasor diagram, equivalent circuit and performance parameters from the Circle Diagram of 3 phase Induction Motor	Application
EEE2017-CO3	Explain the principle, construction and performance of Alternator	Comprehension
EEE2017-CO4	Summarize the features, excitations and applications of Synchronous Motor	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
EEE2017-CO1	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	2.00
EEE2017-CO2	3.00	2.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	3.00
EEE2017-CO3	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
EEE2017-CO4	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
EEE2017-CO1	2.00	2.00	0.00
EEE2017-CO2	2.00	2.00	0.00
EEE2017-CO3	2.00	0.00	0.00
EEE2017-CO4	0.00	2.00	0.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Mechanical Engineering

Course Code: MEC3003
Course Title: Heat and Mass Transfer

Course Outcomes:

CO Number	CO Statement	Bloom's Level
MEC3003-CO1	Apply the concept of steady state conduction heat transfer in solids	Application
MEC3003-CO2	Employ the methods to calculate heat transfer with effective resistence	Application
MEC3003-CO3	Compute the heat transfer coefficient for natural and forced convection	Application
MEC3003-CO4	Apply the concept of free and forced convection	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MEC3003-CO1	3.00	0.00	1.00	0.00	1.00	2.00	0.00	0.00	0.00	2.00	1.00	1.00
MEC3003-CO2	2.00	0.00	3.00	0.00	1.00	2.00	0.00	0.00	0.00	2.00	1.00	1.00
MEC3003-CO3	2.00	0.00	3.00	0.00	3.00	1.00	0.00	0.00	0.00	2.00	1.00	1.00
MEC3003-CO4	2.00	0.00	1.00	0.00	3.00	1.00	0.00	0.00	0.00	2.00	1.00	1.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
MEC3003-CO1	2.00	2.00	0.00	0.00
MEC3003-CO2	0.00	0.00	2.00	0.00
MEC3003-CO3	0.00	0.00	2.00	0.00
MEC3003-CO4	0.00	2.00	2.00	0.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering

Department of Petroleum Engineering

Course Code: PET2003

Course Title: Fundamentals of Oil and Gas Well Drilling Technology

Course Outcomes:

CO Number	CO Statement	Bloom's Level
PET2003-CO1	Compute the load capacity and power requirement of various rig components,	Application
PET2003-CO2	Choose appropriate drill string components according to pressure requirements,	Application
PET2003-CO3	Select appropriate casing string according to pressure requirements,	Comprehension
PET2003-CO4	Classify drilling bits based on the drilling mechanism.	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PET2003-CO1	3.00	2.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00
PET2003-CO2	3.00	3.00	2.00	1.00	1.00	1.00	1.00	1.00	1.00	3.00	1.00	1.00
PET2003-CO3	3.00	3.00	1.00	2.00	2.00	1.00	2.00	2.00	2.00	3.00	2.00	2.00
PET2003-CO4	3.00	3.00	1.00	2.00	2.00	1.00	3.00	2.00	2.00	3.00	2.00	1.00

CO NO	PSO-1	PSO-2	PSO-3
PET2003-CO1	0.00	0.00	3.00
PET2003-CO2	0.00	0.00	3.00
PET2003-CO3	0.00	2.00	0.00
PET2003-CO4	0.00	2.00	0.00

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Learning and Development

Course Code: PPS1002
Course Title: Soft skills for Engineers

Course Outcomes:

CO Number	CO Statement	Bloom's Level
PPS1002-CO1	Employ effective communication skills	Application
PPS1002-CO2	Practice questioning techniques for better decision making	Application
PPS1002-CO3	Differentiate individual strengths and weaknesses for self-awareness and stress management	Comprehension
PPS1002-CO4	Recognise the need to set SMART GOALS	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PPS1002-CO1	0.00	1.00	0.00	0.00	0.00	3.00	2.00	3.00	3.00	3.00	2.00	3.00
PPS1002-CO2	0.00	3.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
PPS1002-CO3	0.00	3.00	0.00	0.00	0.00	3.00	2.00	3.00	3.00	3.00	3.00	3.00
PPS1002-CO4	0.00	3.00	0.00	0.00	0.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
PPS1002-CO1	0.00	0.00	0.00	0.00
PPS1002-CO2	0.00	0.00	0.00	0.00
PPS1002-CO3	0.00	0.00	0.00	0.00
PPS1002-CO4	0.00	0.00	0.00	0.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Languages

Course Code: ENG2002
Course Title: Business English

Course Outcomes:

CO Number	CO Statement	Bloom's Level
ENG2002-CO1	Use appropriate language in writing different kinds of business correspondence, such as e-mails, memos and circulars.	Comprehension
ENG2002-CO2	Employ skills to efficiently and confidently handle business meetings and presentations.	Comprehension
ENG2002-CO3	Write effectively for Websites, Blogs, Social media and also produce Product and Service descriptions.	Application
ENG2002-CO4	Demonstrate effective understanding of business reports and articles	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
ENG2002-CO1	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENG2002-CO2	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENG2002-CO3	0.00	0.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ENG2002-CO4	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.00	2.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
ENG2002-CO1	0.00	0.00	0.00	0.00
ENG2002-CO2	0.00	0.00	0.00	0.00
ENG2002-CO3	0.00	0.00	0.00	0.00
ENG2002-CO4	0.00	0.00	0.00	0.00

REGISTRAR
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School Of Engineering
Department of Mathematics

Course Code: MAT2003

Course Title: Numerical Methods for Engineers

Course Outcomes:

CO Number	CO Statement	Bloom's Level
MAT2003-CO1	Solve algebraic and transcendental equations numerically.	Application
MAT2003-CO2	Use numerical techniques to differentiate and integrate functions.	Application
MAT2003-CO3	Apply numerical methods to solve ordinary differential equations.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
MAT2003-CO1	3.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MAT2003-CO2	3.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00
MAT2003-CO3	3.00	2.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
MAT2003-CO1	0.00	0.00	0.00	0.00
MAT2003-CO2	0.00	0.00	0.00	0.00
MAT2003-CO3	0.00	0.00	0.00	0.00

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Chemistry

Course Code: CHE1017
Course Title: Applied Chemistry

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CHE1017-CO1	Identify the suitable polymers to replace the conventional materials	Knowledge
CHE1017-CO2	Summarize the importance of various electrochemical sources in energy systems	Comprehension
CHE1017-CO3	Describe the knowledge of electrochemistry principles for protection of different metals from corrosion	Knowledge
CHE1017-CO4	Explain the fundamental principles in water treatment	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CHE1017-CO1	3.00	2.00	0.00	1.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
CHE1017-CO2	2.00	3.00	0.00	2.00	1.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00
CHE1017-CO3	1.00	2.00	0.00	3.00	2.00	0.00	0.00	0.00	0.00	2.00	0.00	1.00
CHE1017-CO4	1.00	1.00	0.00	2.00	3.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
CHE1017-CO1	1.00	2.00	0.00	0.00
CHE1017-CO2	1.00	2.00	0.00	0.00
CHE1017-CO3	1.00	2.00	0.00	0.00
CHE1017-CO4	1.00	2.00	0.00	0.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School Of Engineering
Department of Physics

Course Code: PHY1002
Course Title: Optoelctronics and Device Physics

Course Outcomes:

CO Number	CO Statement	Bloom's Level
PHY1002-CO1	Describe the concepts of semiconductors, magnetic materials and superconductors.	Knowledge
PHY1002-CO2	Apply the concept of materials in the working of optoelectronic and magnetic devices.	Application
PHY1002-CO3	Discuss the quantum concepts used in advanced microscopy and quantum computers	Comprehension
PHY1002-CO4	Explain the applications of lasers and optical fibers in various technological fields	Application
PHY1002-CO5	Interpret the results of various experiments to verify the concepts used in optoelectronics and advanced devices.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
PHY1002-CO1	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHY1002-CO2	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHY1002-CO3	0.00	0.00	1.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PHY1002-CO4	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00
PHY1002-CO5	0.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	2.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3	PSO-4
PHY1002-CO1	0.00	0.00	0.00	0.00
PHY1002-CO2	0.00	0.00	0.00	0.00
PHY1002-CO3	0.00	0.00	0.00	0.00
PHY1002-CO4	0.00	0.00	0.00	0.00
PHY1002-CO5	0.00	0.00	0.00	0.00

REGISTRAR

PRESIDENCY UNIVERSITY Registrar BANGALORE

School of Commerce and Economics

Course Code: SOC2002
Course Title: Banking and Insurance

Course Outcomes:

CO Number	CO Statement	Bloom's Level
SOC2002-CO1	Describe the Commercial Banking and Insurance Systems in India	Comprehension
SOC2002-CO2	Identify the Emerging Trends in the Banking Sector	Knowledge
SOC2002-CO3	Indicate different forms of risk in Banking Sector	Knowledge
SOC2002-CO4	Summarize the process of Insurance	Comprehension
SOC2002-CO5	Describe NPA and its management	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
SOC2002-CO1	2.00	1.00	1.00	2.00	1.00	2.00	2.00
SOC2002-CO2	2.00	2.00	0.00	1.00	1.00	2.00	1.00
SOC2002-CO3	2.00	2.00	2.00	1.00	2.00	2.00	2.00
SOC2002-CO4	2.00	2.00	1.00	2.00	2.00	1.00	1.00
SOC2002-CO5	2.00	2.00	2.00	1.00	2.00	1.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
SOC2002-CO1	1.00	1.00	1.00
SOC2002-CO2	1.00	2.00	1.00
SOC2002-CO3	1.00	2.00	1.00
SOC2002-CO4	1.00	2.00	1.00
SOC2002-CO5	2.00	2.00	3.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School of Management-UG

Course Code: BBA3059
Course Title: Introduction to Digital Marketing

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BBA3059-CO1	Describe the importance of Digital Marketing	Knowledge
BBA3059-CO2	Identify the behavior of online consumer and design online marketing initiatives.	Comprehension
BBA3059-CO3	Create, launch and manage successful digital marketing campaign using search engine.	Comprehension
BBA3059-CO4	Apply Social Media platforms like Facebook Marketing, YouTube etc to achieve marketing objectives	Application
BBA3059-CO5	Demonstrate the performance of Digital Marketing campaign using Google analytics.	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
BBA3059-CO1	3.00	3.00	3.00	2.00	0.00	0.00	3.00
BBA3059-CO2	2.00	3.00	3.00	3.00	0.00	0.00	2.00
BBA3059-CO3	3.00	2.00	3.00	3.00	0.00	0.00	2.00
BBA3059-CO4	3.00	3.00	2.00	3.00	0.00	0.00	2.00
BBA3059-CO5	3.00	3.00	3.00	2.00	0.00	0.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
BBA3059-CO1	0.00	3.00	2.00
BBA3059-CO2	0.00	3.00	2.00
BBA3059-CO3	0.00	2.00	1.00
BBA3059-CO4	0.00	2.00	1.00
BBA3059-CO5	0.00	2.00	2.00

REGISTRAR
PRESIDENCY UNIVERSITY Registrar BANGALORE

School of Management-PG

Course Code: MBA4008
Course Title: Derivative Contracts

Course Outcomes:

CO Number	CO Statement	Bloom's Level
MBA4008-CO1	Explain the role, nature and importance of Derivative Contracts	Comprehension
MBA4008-CO2	Use Future contracts for Speculation and Hedging	Application
MBA4008-CO3	Employ Option strategies based on traders' expectations	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7
MBA4008-CO1	2.00	3.00	3.00	2.00	3.00	2.00	2.00
MBA4008-CO2	3.00	3.00	2.00	2.00	2.00	2.00	2.00
MBA4008-CO3	2.00	2.00	2.00	2.00	2.00	2.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
MBA4008-CO1	2.00	3.00	3.00
MBA4008-CO2	2.00	2.00	2.00
MBA4008-CO3	3.00	2.00	2.00

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School of Design

Course Code: DES1076
Course Title: Basic Prototyping Methods And Processes

Course Outcomes:

CO Number	CO Statement	Bloom's Level
DES1076-CO1	Identify the materials, their properties and their derivatives and reconstruct them for the design concept.	Knowledge
DES1076-CO2	Select the materials, tools and techniques based on end use/applications.	Comprehension
DES1076-CO3	Demonstrate the prototype using materials, tools and Techniques to make prototype	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
DES1076-CO1	3.00	3.00	2.00	3.00	2.00	3.00	1.00	3.00	2.00	2.00	3.00	0.00
DES1076-CO2	1.00	3.00	3.00	1.00	3.00	3.00	2.00	3.00	2.00	2.00	3.00	0.00
DES1076-CO3	1.00	3.00	3.00	3.00	2.00	3.00	1.00	3.00	2.00	2.00	3.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
DES1076-CO1	3.00	3.00	2.00
DES1076-CO2	3.00	2.00	1.00
DES1076-CO3	3.00	2.00	2.00

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School of Computer Science and Engineering

Course Code: CSE2011
Course Title: Data Communications and Computer Networks

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CSE2011-CO1	Explain the concepts of Computer Networks and Working Principles of Application Layer and Transport Layer	Comprehension
CSE2011-CO2	Apply the Knowledge of IP Addressing and Routing Mechanism in Computer Networks.	Application
CSE2011-CO3	Describe the functionalities of Data Link Layer	Comprehension
CSE2011-CO4	Explain the Basic Concepts of Data communication.	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSE2011-CO1	3.00	1.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CSE2011-CO2	3.00	2.00	2.00	0.00	2.00	0.00	0.00	0.00	1.00	1.00	0.00	0.00
CSE2011-CO3	3.00	2.00	2.00	0.00	2.00	0.00	0.00	0.00	3.00	1.00	0.00	0.00
CSE2011-CO4	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
CSE2011-CO1	1.00	0.00	2.00
CSE2011-CO2	2.00	2.00	2.00
CSE2011-CO3	2.00	2.00	3.00
CSE2011-CO4	3.00	0.00	0.00

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School of Information Science

Course Code: CSA3090
Course Title: XR Development

Course Outcomes:

CO Number	CO Statement	Bloom's Level
CSA3090-CO1	Identify the principles of XR development	Comprehension
CSA3090-CO2	Demonstrate the XR experiences for different devices and platforms	Application
CSA3090-CO3	Understand the importance of Visual Perception	Comprehension
CSA3090-CO4	Apply the industry standards and trends in XR development	Application

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CSA3090-CO1	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CSA3090-CO2	2.00	3.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CSA3090-CO3	1.00	0.00	3.00	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CSA3090-CO4	0.00	2.00	3.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
CSA3090-CO1	3.00	2.00	0.00
CSA3090-CO2	2.00	3.00	2.00
CSA3090-CO3	1.00	0.00	3.00
CSA3090-CO4	0.00	2.00	3.00

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School of Law

Course Code: BAL2015
Course Title: Ancient Political thinkers

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BAL2015-CO1	Understand the origin, evolution and significance of political thought	Knowledge
BAL2015-CO2	Infer the bases of dialogues, justice, government from Greek political thinkers	Comprehension
BAL2015-CO2	Explain significance of code of laws, political realism in ancient political thought	Comprehension
BAL2015-CO2	Identify various streams of ancient Indian political thinkers.	Comprehension

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13
BAL2015-CO1	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00
BAL2015-CO2	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	1.00	1.00	2.00
BAL2015-CO2	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	2.00	2.00	2.00
BAL2015-CO2	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	2.00	0.00

CO NO	PSO-1	PSO-2	PSO-3
BAL2015-CO1	2.00	2.00	2.00
BAL2015-CO2	2.00	2.00	2.00
BAL2015-CO2	2.00	2.00	2.00
BAL2015-CO2	0.00	2.00	2.00

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School of Media Studies

Course Code: BAJ1014
Course Title: Theories and Ideologies of Mass Communication

Course Outcomes:

CO Number	CO Statement	Bloom's Level
BAJ1014-CO1	Identify and investigate the major theories in the various branches of communication studies	Knowledge
BAJ1014-CO2	Discuss the connection between the theory and the practice of mass communication and mass media	Comprehension
BAJ1014-CO3	Interpret how theory is used in the analysis of issues in communication studies	Application
BAJ1014-CO4	Analyse communication as a discipline, in theory, and practice, which directly affects their day-to-day lives and understand the debates in social, cultural, political and economic contexts	Analysis

CO NO	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
BAJ1014-CO1	3.00	3.00	2.00	0.00	2.00	2.00	3.00	3.00	3.00	2.00	3.00
BAJ1014-CO2	0.00	2.00	3.00	3.00	3.00	2.00	3.00	3.00	2.00	3.00	3.00
BAJ1014-CO3	0.00	3.00	2.00	0.00	0.00	2.00	2.00	0.00	2.00	1.00	2.00
BAJ1014-CO4	0.00	3.00	2.00	2.00	2.00	2.00	2.00	2.00	3.00	2.00	2.00

CO NO	PSO-1	PSO-2	PSO-3
BAJ1014-CO1	1.00	2.00	3.00
BAJ1014-CO2	1.00	2.00	3.00
BAJ1014-CO3	1.00	2.00	3.00
BAJ1014-CO4	1.00	2.00	3.00

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