Tentative list of courses offered (August - November 2022 semester)

BASIC ENGINEERING COURSES	Water Resource Systems: Planning and Management	Artificial Intelligence
Chemical Process Calculations (for CL students)	COGNITIVE SCIENCE	Digital Control Systems
Computing Data Structures and Algorithms I (For	Computation and Cognition	Digital Signal Processing
CS students) Digital Systems (for EE & CSE	Fundamental Neuroscience	Dynamic Behaviour of Electric Machines
students) Dynamics and Vibrations (for ME	Fundamentals of Cognitive Psychology	Electrical Systems Lab
students) Earth Materials and Processes (for CE	Learning and Memory	Electromagnetic Waves
students)	Philosophy of Mind	Introduction to Photonics
Electrical and Electronics Lab	Research Methods in Cognitive Science	Medical Imaging Systems
Electronic Devices (for EE students)	CHEMISTRY	Microelectronics Lab
Engineering Graphics	Advance Organic Chemistry	Physics of Transistors
General Chemistry	Applied Chemical Biology	Power Systems
Introduction to Computing	Asymmetric Synthesis and Catalysis	Probability and Random Processes
mir ou detroit to compating	rioyimmetrio oyimmetrio una cataryoro	Special Topics in Electrical Engineering:
Introduction to Design and Innovation	Inorganic Chemistry Laboratory	Economics of Regulation in India
Introduction to Electrical Systems	Interpretative Organic Spectroscopy	VLSI Design
Introduction to Life Sciences: Fundamentals of Life	Main Group and Transition Metal Chemistry	EARTH SCIENCE
Introduction to Materials (for MSE		Biodiversity Conversation and
students)	Organic Chemistry Laboratory	Sustainable Development
Introduction to Writing I	Physical Organic Chemistry	Earth Surface Processes in the
Introduction to Writing I	Physical Organic Chemistry	Anthropocene Modeling of Earth System and
Manufacturing and Workshop Practice	Quantum Chemistry	Sustainability
Mathematics I	Statistical Thermodynamics and its Applications in Chemistry	Special Topics in Earth Science: Carbonate Sedimentology
		Special Topics in Earth Science:
Mathematics III	CHEMICAL ENGINEERING	Microwave remote sensing Special Topics in Earth Science: Physics
Matter and Energy Laboratory	Advance Transport Phenomena	of lithosphere
Thermodynamics (CL, ME & MSE)	Biochemical Engineering	HUMANITIES AND SOCIAL SCIENCES
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BIOLOGICAL ENGINEERING	Chemical Engineering Thermodynamics	Ancient Indian Architecture
Biochemistry	Chemical Reaction engineering	Ancient Indian Technology
Bioinformatics and Computational Biology	Colloidal Domain: Where Science meets Engineering	Economics
Bio nanotechnology – Principles and	Heat and Mass Transfer	Foundational Sanskrit
Applications Biostatistics	Heat Transfer and Thermodynamics Lab	History of India, 1930-1964
Diostatistics	Introduction to Polymer Science and	Humanism, Anti-humanism, and
Methods in Biology	Engineering	Posthumanism
Molecular and Cellular Biotechnology	Liquid State Theory	Introduction to Archaeology
Molecular Oncology	Process Dynamics and Control Lab	Introduction to Philosophy
<u> </u>		Literary Experiment in European
CIVIL ENGINEERING	Process Synthesis and Design	Modernism
Advanced	COMPUTER SCIENCE	Tropes of Time and Topography: Select
Advanced Engineering Hydrology		Fiction from South-Asia
Advanced Geotechnical Engineering	Algorithms Computer Networks	Perspectives on Indian Civilization
Advanced Hydraulic Engineering Advanced Solid Mechanics	Computer Networks	Special Topics in HSS: World Englishes Sanskrit Literature
Advanced Solid Mechanics Advanced Structural Analysis	Computer Systems Natural Language Processing	
Air Pollution Control Engineering	Operating System	Urdu poetry interpretation Urdu script and poetry
	Optimization Methods for Machine	Special Topics in HSS: Development Economics
Comprehensive Project - 1 Design of Experiments	Learning Parallel and Distributed Systems	Literature, Theory and Social Context
Geospatial Engineering	Probability and Random Processes	Linguistic Anthropology
Slopes and Retaining Structures	Special Topics in Computer Science: Complexity Theory	Special Topics in HSS: Anthropology in the 21st Century
Soil Mechanics	Theory of Computing	Research Methods in Humanities and Social Sciences
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Structural Analysis Structural Dynamics	ELECTRICAL ENGINEERING Analog Circuits	Writing
	Applied Statistical Bioelectric Signal	
Water Resource Engineering	Analysis	<u> </u>

MATERIALS ENGINEERING
Advance Metal Forming Technology
Advanced Materials
Characterization of Materials
Characterization of Materials
Computational Process Design
Mechanical Behaviour of Materials
Physics of Materials
Principles of Metal Extraction and
Refining
Science and Technology of Welding
and Joining
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Structure and Defects of Materials
Structure and Defects of Materials
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Surface Engineering
The way only we are in a of Materials
Thermodynamics of Materials

Transmission Electron Microscopy

MECHANICAL ENGINEERING

Energy Efficient Design of Separation

Computational Fluid Dynamics

Foundations of Fluid Dynamics

Heat and Mass Transfer

Compressible Flow

Processes

Special Topics in Management: Digital Innovation and transformation for Enterprises
Special Topics in Management: Entrepreneurship and New Ventures
Special Topics in Management: Marketing Analytics
MATHEMATICS
Algebra
Algebraic Topology
Linear Algebra
Mathematical Methods in Engineering

Measure Theory and Functional Analysis

Partial Differential Equations

Special Topics in Management: Alternative

Integrated Design and Manufacturing II

Manufacturing Processes and Systems

Mechanical Engineering Laboratory I

Mechanics of Deformable Bodies

Engineering Entrepreneurship

business models for sustainable

Introduction to Robotics

MANAGEMENT

development

Number Theory

Classical Electrodynamics
Classical Mechanics
Condensed Matter Physics
Introduction to Inverse Modelling in
Physical Sciences
Mathematical Methods of Physics - I
Malagular and Crustal Blausias
Molecular and Crystal Physics
Quantum Field Theory I
Quantum Mechanics I
Tools of Theoretical Physics
Topics in Classical Mechanics and
Electrodynamics

Probability Theory

Advanced Statistical Physics

Atomic and Molecular Physics

Real Analysis

Topology

PHYSICS