

Department of Science & Humanities

HSHS2001 – Engineering Economics

3rd Semester

Course Outcomes (COs)

- **CO1:** Define basic concepts of micro, macro & engineering economics
- **CO2:** Evaluate demand–supply and price determination numerically
- **CO3:** Analyze macroeconomic environment and financial systems
- **CO4:** Apply time value of money concepts
- **CO5:** Apply economics & engineering principles in project decision-making

CO–PO Mapping Matrix

CO-PO Mapping Matrix: HSHS2001 Engineering Economics

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1: Define basic concepts of micro/macro and engineering economics.	1	-	-	-	-	1	-	-	-	-	1	1
CO2: Evaluate numerical effects of demand/supply on price.	2	2	-	-	-	-	-	-	-	-	-	-
CO3: Analyze macroeconomic environment and financial systems.	-	2	-	-	-	2	-	1	-	-	2	2
CO4: Account for time value of money using factors/formulas.	3	2	1	-	-	-	-	-	-	-	2	-
CO5: Apply principles to solve project alternatives (depreciation, taxes, inflation).	3	3	2	2	1	-	1	-	-	-	3	2

HSHS2002 – Organisational Behaviour

4th Semester

Course Outcomes (COs)

- **CO1:** Understand OB concepts, culture, and change management
- **CO2:** Identify team characteristics for performance
- **CO3:** Apply OB theories for decision-making
- **CO4:** Analyze group behavior and leadership
- **CO5:** Evaluate personality and group behavior
- **CO6:** Develop leadership competency

CO-PO Mapping Matrix:

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1: Understand basic concepts of OB, change management, and organizational culture.	-	-	-	-	-	1	-	1	-	-	2	2
CO2: Identify and examine team characteristics for improved performance.	-	-	-	-	-	-	-	-	3	2	2	1
CO3: Apply theories and frameworks to solve problems and take effective decisions.	-	2	2	-	-	1	-	-	-	-	2	2
CO4: Analyze group behavior and leadership styles for people management.	-	-	-	-	-	2	-	2	3	3	2	2
CO5: Evaluate individual personality types and group behaviors for improving processes.	-	2	-	2	-	1	-	1	3	2	-	2
CO6: Develop leadership competency to manage organizational situations.	-	-	-	-	-	2	-	2	3	2	3	3

HSHS3002 Entrepreneurship Development

5th Semester

Course Outcomes

After completion of this course, students

CO1: will aware about foundation of entrepreneurship development and its theories

CO2: will identify the type of entrepreneur and the steps involved in a entrepreneurial venture.

CO3: will understand various steps involved in starting a venture and to explore marketing methods & new trends in entrepreneurship.

CO4: Think creative and innovative

CO-PO Mapping Matrix

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1: Awareness of entrepreneurship foundations and theories.	-	-	-	-	-	1	-	1	-	-	-	2
CO2: Identify types of entrepreneurs and venture steps.	-	1	-	-	-	1	-	-	-	-	2	2
CO3: Starting a venture, marketing methods, and trends.	-	-	2	-	1	2	2	-	2	2	3	2
CO4: Think creatively and innovatively.	1	2	3	2	-	-	-	-	2	-	-	3

HSHS3001: Business Management

6th Semester

Course Outcomes

- CO1: Recall fundamental management principles, organizational theories, and project management methodologies, key financial concepts used in engineering decision-making.
- CO2: Explain the relationship between management functions (planning, organizing, leading, controlling) and their application.
- CO3: Demonstrate project management skills and apply financial analysis techniques for decision making.
- CO4: Analyse organizational behaviour patterns, team dynamics, and performance issues in engineering management contexts.
- CO5: Judge ethical implications of management decisions and leadership actions in professional engineering practice.
- CO6: Create integrated management solutions for solving complex business problems.

CO-PO Mapping Matrix

Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1: Recall management and financial principles.	1	-	-	-	-	-	-	-	-	-	2	1
CO2: Explain management functions.	-	-	-	-	-	1	-	-	1	1	2	1
CO3: Apply PM skills and financial analysis.	-	2	2	-	1	-	-	-	2	-	3	2
CO4: Analyse OB patterns and team dynamics.	-	2	-	-	-	-	-	-	3	2	1	1
CO5: Judge ethical implications of decisions.	-	-	-	-	-	2	-	3	-	-	2	2
CO6: Create solutions for business problems.	-	2	3	2	-	-	-	-	2	2	3	2