

SHRI G. S. INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE  
Department of Humanities and Social Sciences  
**COURSE ARTICULATION MATRIX & CO-PO ATTAINMENT**  
**[CO-PO/PSO MAPPING]**

**Academic Year: 2022-2023**

**SEM B: JAN 2023 - JUNE 2023**

**B.TECH. II Year**

**Subject: Economics for Engineers**

**HU21507: Civil Engineering**

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1		2				2		1							
CO2	2	2			2		1	1			2				
CO3		1	2			2	2				3	1			
CO4		1				2	2				3				
CO5	2		3		2	2	1		2	2	3	1			
Average	2	1.33333 3333	2.5		2	2	1.5	1	2	2	2.75	1			
<b>Final PO Attainment</b>	<b>1.0</b>	<b>0.7</b>	<b>1.3</b>	<b>0.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.8</b>	<b>0.5</b>	<b>1.0</b>	<b>1.0</b>	<b>1.4</b>	<b>0.5</b>			

**Over all Course Attainment = 1.5**

## HU26507: Mechanical Engineering

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	
CO1		2				2		1					1	2	
CO2	2	2			2		1	1			2		2	2	
CO3		1	2			2	2				3	1	1		
CO4		1				2	2				3		1		
CO5	2		3		2	2	1		2	2	3	1	2	2	
Average	2	1.5	2.5	0	2	2	1.5	1	2	2	2.75	1	1.4	2	0
Final PO Attainment	1.0	0.7	1.2	0.0	1.0	1.0	0.7	0.5	1.0	1.0	1.3	0.5	0.7	1.0	0.0

**Over all Course Attainment = 1.5**

## HU28507: Information Technology Engineering

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1		2				2		1					3	1	2
CO2	2	2			2		1	1			2		2	3	2
CO3		1	2			2	2				3	1		1	2
CO4		1				2	2				3				2
CO5	2		3		2	2	1		2	2	3	1	2	3	3
Average															
Final PO Attainment	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

**Over all Course Attainment = 2.0**

## HU29507: Bio-Medical Engineering

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
CO1		2				2		1					2	3	
CO2	2	2			2		1	1			2		1		3
CO3		1	2			2	2				3	1	1	1	
CO4		1				2	2				3		1		
CO5	2		3		2	2	1		2	2	3	1	2	2	3
Average	2	1.5	2.5	0	2	2	1.5	1	2	2	2.75	1	1.4	2	3
Final PO Attainment	1.0	0.8	1.3	0.0	1.0	1.0	0.8	0.5	1.0	1.0	1.4	0.5	0.7	1.0	1.5

**Over all Course Attainment = 1.5**