

Raidighi College

Mapping/Co-relation Program Outcome(PO) & Course Outcome(CO)

Department : Physics Academic Session : 2022-23

CO Details		PO Details						
SI No.	Course Name	PO1 (Learning Physical Properties of Matters)	PO2 (Cognitive, Mathematical & Problem Solving Skill)	PO3 (Simulation Based Learning Skill)	PO4 (Foundation of Higher Studies and Research)	PO5 (Understanding Dynamics of Nature)	PO6 (Laboratory skill)	PO7 (Environmental Aspects & Awareness)
1	CC1 (MATHEMATICAL PHYSICS I)		✓	✓	✓			
2	CC2 (MECHANICS)	✓	✓		✓	✓	✓	
3	CC3 (ELECTRICITY AND MAGNETISM)	✓	✓		✓	✓	✓	✓
4	CC4 (WAVES AND OPTICS)	✓	✓		✓	✓	✓	
5	CC5 (MATHEMATICAL PHYSICS II)		✓	✓	✓			
6	CC6 (THERMAL PHYSICS)	✓	✓		✓	✓	✓	✓

7	CC7 (MODERN PHYSICS)	✓	✓		✓	✓	✓	
8	SEC A (RENEWABLE ENERGY AND ENERGY HARVESTING)	✓			✓			✓
9	CC8 (MATHEMATICAL PHYSICS III)		✓	✓	✓			
10	CC9 (ANALOG ELECTRONICS)		✓		✓	✓	✓	✓
11	CC10 (QUANTUM MECHANICS)		✓	✓	✓	✓		
12	SEC B (ELECTRICAL CIRCUITS AND NETWORK SKILLS)		✓					✓
13	CC11 (ELECTROMAGNETIC THEORY)	✓	✓		✓	✓	✓	
14	CC12 (STATISTICAL PHYSICS)	✓	✓	✓	✓	✓		
15	DSE A1 (LASER AND FIBER OPTICS)	✓	✓		✓	✓		✓

16	DSE B1 (NUCLEAR AND PARTICLE PHYSICS)	✓	✓		✓	✓		
17	CC13 (DIGITAL SYSTEMS AND APPLICATIONS)		✓				✓	
18	CC14 (SOLID STATE PHYSICS)	✓	✓		✓	✓	✓	
19	DSE-A2 (ADVANCED CLASSICAL DYNAMICS)	✓	✓		✓	✓		
20	DSE-B2 (ADVANCED STATISTICAL MECHANICS)	✓	✓		✓	✓		