ODD SEM-2020-21

SHRIDEVI	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY SIRA ROAD, TUMKUR- 572 106.

Department of Physics

Course Outcomes and COs-POs Mapping

Batch 2020-21

Semester – I

Subject: Engineering Physics		**Subject Code:** 18PHY12
Course Outcomes		
CO1	Understand various types of oscillations and their implications, the role of Shock waves in various fields and Recognize the elastic properties of materials for engineering applications.	
CO2	Realize the interrelation between time varying electric field and magnetic field, the transverse nature of the EM waves and their role in optical fiber communication.	
CO3	Compute Eigenvalues, Eigenfunctions, the momentum of Atomic and subatomic particles using Time independent 1-D Schrodinger's wave equation.	
CO4	Apprehend the theoretical background of laser, construction, and working of different types of laser and its applications in different fields.	
CO5	Understand various electrical and thermal properties of materials like conductors, semiconductors and dielectrics using different theoretical models.	

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY											
FACULTY NAME	Dr. SADASHIVAIAH P J / ARPITHA H S											
BRANCH	CSE/ISE			ACADEMIC YEAR			2020-21					
COURSE	B.E	SEMESTER	I	SECTION	A & B							
SUBJECT	ENGINEERING PHYSICS					SUBJECT CODE	18PHY12					

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3										2
CO2	3	3										2
CO3	3	3										2
CO4	3	3										2
CO5	3	3										2
AVERAGE	3	3										2
OVERALL MAPPING OF SUBJECT												2.66

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	62.54	1.88	1.88										1.25
CO2	55.45	1.66	1.66										1.11
CO3	57.10	1.71	1.71										1.14
CO4	57.35	1.72	1.72										1.15
CO5	56.50	1..69	1.69										1.13
AVERAGE	57.79	1.73	1.73										1.15
FINAL ATTAINMENT LEVEL													1.54

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PRINCIPAL
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ENGINEERING AND TECHNOLOGY
TUMKUR - 572106.

SEM: 1	Total Strength			69			Course:	Engineering Physics					Course Code:	18PHY12			2020-21									
SEC:A&B	IA TEST 1			IA TEST 2			IA TEST 3	ASSIGNEMENT (10M)					SEE MARKS(60)					Total Cos ATTAINMENT					% of Individual CO				
USN	CO1	CO1	TOTAL	CO5	CO3	TOTAL	CO2	CO4	TOTAL	CO1	CO2	CO3	CO4	CO5	CO1=12	CO2	CO3	CO4	CO5	CO1=44	CO2=29	CO3=29	CO4=29	CO5=29	CO1	CO2	CO3	CO4	CO5
1SV20CS001	11	4	15	7	8	15	3	6	9	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	22.2	10.2	15.2	13.2	14.2	50.45455	35.17241	52.41379	45.51724	48.96552
1SV20CS002	15	5	20	10	14	24	11	12	23	2	2	2	2	2	8.2	8.2	8.2	8.2	8.2	30.2	21.2	24.2	22.2	20.2	68.63636	73.10345	83.44828	76.55172	69.65517
1SV20CS003	15	15	30	14	14	28	15	11	26	2	2	2	2	2	10.2	10.2	10.2	10.2	10.2	42.2	27.2	26.2	23.2	26.2	95.90909	93.7931	90.34483	80	90.34483
1SV20CS004	15	15	30	12	10	22	7	12	19	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	39.2	16.2	19.2	21.2	21.2	89.09091	55.86207	66.2069	73.10345	73.10345
1SV20CS005	15	14	29	11	15	26	15	14	29	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	40.4	26.4	26.4	25.4	22.4	91.81818	91.03448	91.03448	87.58621	77.24138
1SV20CS006	14	6	20	6	13	19	15	12	27	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	31.4	26.4	24.4	23.4	17.4	71.36364	91.03448	84.13793	80.68966	60
1SV20CS007	9		9	10	13	23	15	12	27	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	16.8	22.8	20.8	19.8	17.8	38.18182	78.62069	71.72414	68.27586	61.37931
1SV20CS008				9	7	16	9	12	21	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	7.2	16.2	14.2	19.2	16.2	16.36364	55.86207	48.96552	66.2069	55.86207
1SV20CS009	15	15	30	13	10	23	15	10	25	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	38.4	23.4	18.4	18.4	21.4	87.27273	80.68966	63.44828	63.44828	73.7931
1SV20CS010	6	14	20	15	14	29	15	15	30	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	31.4	26.4	25.4	26.4	26.4	71.36364	91.03448	87.58621	91.03448	91.03448
1SV20CS011	10	7	17	5	7	12	8	8	16	2	2	2	2	2	2.2	2.2	2.2	2.2	2.2	21.2	12.2	11.2	12.2	9.2	48.18182	42.06897	38.62069	42.06897	31.72414
1SV20CS012	10	15	25	6	9	15	13	6	19	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	33.6	21.6	17.6	14.6	14.6	76.36364	74.48276	60.68966	50.34483	50.34483
1SV20CS013	14	13	27	13	14	27	9	13	22	2	2	2	2	2	7	7	7	7	7	36	18	23	22	22	81.81818	62.06897	79.31034	75.86207	75.86207
1SV20CS014	15	15	30	14	13	27	12	12	24	2	2	2	2	2	9.2	9.2	9.2	9.2	9.2	41.2	23.2	24.2	23.2	25.2	93.63636	80	83.44828	80	86.89655
1SV20CS015	9	13	22	4	6	10	10	11	21	2	2	2	2	2	7.4	7.4	7.4	7.4	7.4	31.4	19.4	15.4	20.4	13.4	71.36364	66.89655	53.10345	70.34483	46.2069
1SV20CS016	14	14	28	14	9	23	5	12	20	2	2	2	2	2	6.8	6.8	6.8	6.8	6.8	36.8	13.8	17.8	20.8	22.8	83.63636	47.58621	61.37931	71.72414	78.62069
1SV20CS017	11	9	20	8	10	18	3	11	14	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	27.4	10.4	17.4	18.4	15.4	62.27273	35.86207	60	63.44828	53.10345
1SV20CS018	13	6	19	13	8	21	11	4	15	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	26.6	18.6	15.6	11.6	20.6	60.45455	64.13793	53.7931	40	71.03448
1SV20CS019	7		7	5	7	12	11	4	15	2	2	2	2	2	3.4	3.4	3.4	3.4	3.4	12.4	16.4	12.4	9.4	10.4	28.18182	56.55172	42.75862	32.41379	35.86207
1SV20CS020	14	6	20	10	10	20	9	12	21	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	27.6	16.6	17.6	19.6	17.6	62.72727	57.24138	60.68966	67.58621	60.68966
1SV20CS021	15	14	29	2	9	11	8	10	18	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	38.6	17.6	18.6	19.6	11.6	87.72727	60.68966	64.13793	67.58621	40
1SV20CS022	15	6	21	13	9	22	14	11	25	2	2	2	2	2	7.2	7.2	7.2	7.2	7.2	30.2	23.2	18.2	20.2	22.2	68.63636	80	62.75862	69.65517	76.55172
1SV20CS023	15	3	18	2	7	9		5	5	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	25.6	7.6	14.6	12.6	9.6	58.18182	26.2069	50.34483	43.44828	33.10345
1SV20CS024	13	15	28	4	8	12	12	14	26	2	2	2	2	2	6.8	6.8	6.8	6.8	6.8	36.8	20.8	16.8	22.8	12.8	83.63636	71.72414	57.93103	78.62069	44.13793
1SV20CS025	7		7		11	11	2	5	7	2	2	2	2	2	2.2	2.2	2.2	2.2	2.2	11.2	6.2	15.2	9.2	4.2	25.45455	21.37931	52.41379	31.72414	14.48276
1SV20CS026	1	2	3	3	3	6	6	10	16	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	9.2	12.2	9.2	16.2	9.2	20.90909	42.06897	31.72414	55.86207	31.72414
1SV20CS027	9	3	12		13	13		6	6	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	18.2	6.2	19.2	12.2	6.2	41.36364	21.37931	66.2069	42.06897	21.37931
1SV20CS028	13	8	21	6	6	12	1	12	13	2	2	2	2	2	6	6	6	6	6	29	9	14	20	14	65.90909	31.03448	48.27586	68.96552	48.27586
1SV20CS029	15	7	22	6	9	15	6	6	12	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	28.2	12.2	15.2	12.2	12.2	64.09091	42.06897	52.41379	42.06897	42.06897
1SV20CS030	7	5	12	6	8	14	6	6	12	2	2	2	2	2	3.2	3.2	3.2	3.2	3.2	17.2	11.2	13.2	11.2	11.2	39.09091	38.62069	45.51724	38.62069	38.62069
1SV20CS031	10	15	25	12	15	27	15	15	30	2	2	2	2	2	8.4	8.4	8.4	8.4	8.4	35.4	25.4	25.4	25.4	22.4	80.45455	87.58621	87.58621	87.58621	77.24138
1SV20CS032	7	6	13	6	8	14	3	8	11	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	20.2	10.2	15.2	15.2	13.2	45.90909	35.17241	52.41379	52.41379	45.51724
1SV20CS033	12	15	27	15	10	25	12	10	25	2	2	2	2	2	7.8	7.8	7.8	7.8	7.8	36.8	21.8	19.8	19.8	24.8	83.63636	75.17241	68.27586	68.27586	85.51724
1SV20CS034	15	14	29	12	8	20	15	10	25	2	2	2	2	2	8.8	8.8	8.8	8.8	8.8	39.8	25.8	18.8	20.8	22.8	90.45455	88.96552	64.82759	71.72414	78.62069
1SV20CS035	15	2	17	11	15	26	15	15	30	2	2	2	2	2	9.6	9.6	9.6	9.6	9.6	28.6	26.6	26.6	26.6	22.6	65	91.72414	91.72414	91.72414	77.93103
1SV20CS036	15	8	23	14	5	19	13	10	23	2	2	2	2	2	8	8	8	8	8	33	23	15	20	24	75	79.31034	51.72414	68.96552	82.75862
1SV20CS037	15	15	30	15	15	30	11	14	25	2	2	2	2	2	10.2	10.2	10.2	10.2	10.2	42.2	23.2	27.2	26.2	27.2	95.90909	80	93.7931	90.34483	93.7931
1SV20CS038	5	1	6	10	5	15	8	10	28	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	13.8	15.8	12.8	17.8	17.8	31.36364	54.48276	44.13793	61.37931	61.37931
1SV20CS039	14	7	21	14	5	19	10	5	15	2	2	2	2	2	2.4	2.4	2.4	2.4	2.4	25.4	14.4	9.4	9.4	18.4	57.72727	49.65517	32.41379	32.41379	63.44828
1SV20CS040	12	1	13		5	5	5	5	10	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	19.2	11.2	11.2	11.2	6.2	43.63636	38.62069	38.62069	38.62069	21.37931
1SV20CS041	12	1	13	4	7	11	1	11	12	2	2	2	2	2	3.6	3.6	3.6	3.6	3.6	18.6	6.6	12.6	16.6	9.6	42.27273	22.75862	43.44828	57.24138	33.10345
1SV20CS042	14	5	19	3	8	11	9	10	19	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	28.6	18.6	17.6	19.6	12.6	65	64.13793	60.68966	67.58621	43.44828
1SV20CS043	13	6	19	9	11	20		12	12	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	25.8	6.8	17.8	18.8	15.8	58.63636	23.44828	61.37931	64.82759	54.48276
1SV20CS045	11	11	22	4	5	9	6	9	15	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	29.4	13.4	12.4	16.4	11.4	66.81818	46.2069	42.75862	56.55172	39.31034
1SV20CS046	3	10	13	10	7	17	6	6	12	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	19.2	12.2	13.2	12.2	16.2	43.63636	42.06897	45.51724	42.06897	55.86207
1SV20CS047	15	15	30	14	15	29	15	14	29	2	2	2	2	2	9	9	9	9	9	41	26	26	25	25	93.18182	89.65517	89.65517	86.2069	86.2069
1SV20CS048	13	5	18	3	6	9	15	6	21	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	26.4	23.4	14.4	14.4	11.4	60	80.68966	49.65517	49.65517	39.31034
1SV20CS049	14	3	17	12	3	15	11	6	17	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	24.6	18.6	10.6	13.6	19.6	55.90909	64.13793	36.55172	46.89655	67.58621
1SV20CS050	14	15	29	12	15	27	12	12	24	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	35.2	18.2	21.2	18.2	18.2	80	62.75862	73.10345	62.75862	62.75862
1SV20CS051	14	8	22	15	11	26	7	5	12	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	30.2	15.2	19.2	13.2	23.2	68.63636	52.41379	66.2069	45.51724	80
1SV20CS052	15	6	21	12	3	15	2	5	7	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	27.6	8.6	9.6	11.6	18.6	62.72727	29.65517	33.10345	40	64.13793
1SV20CS053	15	7	22	9	9	18	11	10	21	2	2	2	2	2	7.6	7.6	7.6	7.6	7.6	31.6	20.6	18.6	19.6	18.6	71.81818	71.03448	64.13793	67.58621	64.13793
1SV20CS054	15	15	30	15	15	30	15	15	30	2	2	2	2	2	9.4	9.4	9.4	9.4	9.4	41.4	26.4	26.4	26.4	26.4	94.09091	91.03448	91.03448	91.03448	91.03448
1SV20CS055	15	9	24	9	5	14	15	10	25	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	30.8	21.8	11.8	16.8	15.8	70	75.17241	40.68966	57.93103	54.48276
1SV20CS056	15	14	29	13	15	28	14	15	29	2	2	2	2	2	3.8	3.8	3.8	3.8	3.8	34.8	19.8	20.8	20.8	18.8	79.09091	68.27586	71.72414	71.72414	64.82759
1SV20IS001	14	8	22	11	7	17	2	11	13	2	2	2	2	2	2.8	2.8	2.8	2.8	2.8	26.8	6.8	11.8	15.8	15.8	60.90909	23.44828	40.68966	54.48276	54.48276
1SV20IS002	13	11	25	9	3	12	5	9	14	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	30.2	11.2	9.2	15.2	15.2	68.63636	38.62069	31.72414	52.41379	52.41379
1SV20IS003	15	7	22	4	4	8	11	6	17	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	28.8	17.8	10.8	12.8	10.8	65.45455	61.37931	37.24138	44.13793	37.24138
1SV20IS004	14	7	21	9	6	15	2	4	6	2	2	2	2	2	1.8	1.8	1.8	1.8	1.8	24.8	5.8	9.8	7.8	12.8	56.36364	20	33.7931	26.89655	44.13793
1SV20IS005	11	8	19	6	10	16	6	3	9	2	2	2	2	2	0.6	0.6	0.6	0.6	0.6	21.6	8.6	12.6	5.6	8.6	49.09091	29.65517	43.44828	19.31034	29.65517

1SV20IS006	14	10	24	10	10	20	2		2	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	30.2	8.2	16.2	6.2	16.2	68.63636	28.27586	55.86207	21.37931	55.86207
1SV20IS007	5	5	10	5	6	11		4	4	2	2	2	2	2	0.6	0.6	0.6	0.6	0.6	12.6	2.6	8.6	6.6	7.6	28.63636	8.965517	29.65517	22.75862	26.2069
1SV20IS008	8	4	12	10	4	14	3	6	9	2	2	2	2	2	5	5	5	5	5	19	10	11	13	17	43.18182	34.48276	37.93103	44.82759	58.62069
1SV20IS009	13	5	18	6	8	14	1	6	7	2	2	2	2	2	1	1	1	1	1	21	4	11	9	9	47.72727	13.7931	37.93103	31.03448	31.03448
1SV20IS010	14	7	21	9	8	17	13	15	28	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	29.6	21.6	16.6	23.6	17.6	67.27273	74.48276	57.24138	81.37931	60.68966
1SV20IS011	15	9	24	8	14	22	12	6	18	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	30.2	18.2	20.2	12.2	14.2	68.63636	62.75862	69.65517	42.06897	48.96552
1SV20IS012	1		1	5	5	10	8	6	14	2	2	2	2	2	2.4	2.4	2.4	2.4	2.4	5.4	12.4	9.4	10.4	9.4	12.27273	42.75862	32.41379	35.86207	32.41379
1SV20IS013	7	7	14	12	4	16	1		1	2	2	2	2	2	0.8	0.8	0.8	0.8	0.8	16.8	3.8	6.8	2.8	14.8	38.18182	13.10345	23.44828	9.655172	51.03448
1SV20IS014	13	5	18	7	8	15	6	4	10	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	24.2	12.2	14.2	10.2	13.2	55	42.06897	48.96552	35.17241	45.51724
																									62.53623	55.45227	57.10145	57.35132	56.50175

FACULTY

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H.O.D
Dept. of Physics
S.I.E.T., TUMKUR

PRINCIPAL

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SHRIDEVI INSTITUTE OF
ENGINEERING AND TECHNOLOGY
TUMKUR - 572106

EVEN SEM-2020-21

SHRIDEVI	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY SIRA ROAD, TUMKUR- 572 106.

Department of Physics

Course Outcomes and COs-POs Mapping

Batch 2020-21

Semester – II

Subject: Engineering Physics		**Subject Code:** 18PHY22
Course Outcomes		
CO1	Understand various types of oscillations and their implications, the role of Shock waves in various fields and Recognize the elastic properties of materials for engineering applications.	
CO2	Realize the interrelation between time varying electric field and magnetic field, the transverse nature of the EM waves and their role in optical fiber communication.	
CO3	Compute Eigenvalues, Eigenfunctions, the momentum of Atomic and subatomic particles using Time independent 1-D Schrodinger's wave equation.	
CO4	Apprehend the theoretical background of laser, construction, and working of different types of laser and its applications in different fields.	
CO5	Understand various electrical and thermal properties of materials like conductors, semiconductors and dielectrics using different theoretical models.	

PROGRAM OUTCOMES

PO1 Engineering knowledge: An ability to apply knowledge of mathematics (including probability, statistics and discrete mathematics), science, and engineering for solving Engineering problems and Knowledge.

PO2 Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 Design / development of solutions: An ability to design solution for engineering problems and design system components or process to meet desired specifications and needs.

PO4 Conduct investigations of complex Problem: An ability to identify, formulate, comprehend, analyze, design synthesis of the information to solve complex engineering problems and provide valid conclusions.

PO5 Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools, including prediction and modeling to complex engineering activities.

PO6 The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal, and cultural issues.

PO7 Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 Communication: Communicate effectively on complex engineering activities with the engineering community and with the society.

PO11 Project management and finance: An ability to use the modern engineering tools, techniques, skills and management principles to do work as a member and leader in a team, to manage projects in multidisciplinary environments.

PO12 Life-long learning: A recognition of the need for, and an ability to engage in, to resolve contemporary issues and acquire lifelong learning.

COLLEGE	SHRIDEVI INSTITUTE OF ENGINEERING AND TECHNOLOGY				
FACULTY NAME	Dr. SADASHIVAIAH P J / ARPITHA H S				
BRANCH	EC/ ME /EE /CV	ACADEMIC YEAR	2020-21		
COURSE	B.E	SEMESTER	II	SECTION	C
SUBJECT	ENGINEERING PHYSICS	SUBJECT CODE	18PHY22		

CO & PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	3										2
CO2	3	3										2
CO3	3	3										2
CO4	3	3										2
CO5	3	3										2
AVERAGE	3	3										2
OVERALL MAPPING OF SUBJECT												2.66

CO AND PO ATTAINMENT

	CO%	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	58.37	1.75	1.75										1.17
CO2	66.24	1.99	1.99										1.32
CO3	61.07	1.83	1.83										1.22
CO4	54.82	1.64	1.64										1.10
CO5	73.03	2.19	2.19										1.46
AVERAGE	62.71	1.88	1.88										1.25
FINAL ATTAINMENT LEVEL													1.67

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SEM: II	Total Strength		46			Course: Engineering Physics								Course Code: 18PHY22					2020-21									
SEC:C	IA TEST 1 (30M)			IA TEST 2 (40M)			IA TEST 3 (40M)			ASSIGNEMENT (10M)					SEE MARKS(50)					Total Cos ATTAINMENT					% of Individual CO				
USN	CO1	CO5	TOTAL	CO1	CO2	TOTAL	CO3	CO4	TOTAL	CO1	CO2	CO3	CO4	CO5	CO1=10	CO2	CO3	CO4	CO5	CO1=47	CO2=32	CO3=32	CO4=32	CO5=27	CO1	CO2	CO3	CO4	CO5
1SV20EC001	10	11	21	8	19	27	16	12	28	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	25.6	26.6	23.6	19.6	18.6	54.46809	83.125	73.75	61.25	68.88889
1SV20EC002	13	13	26		12	12	4		4	1.4	1.4	1.4	1.4	1.4	3.4	3.4	3.4	3.4	3.4	17.8	16.8	8.8	4.8	17.8	37.87234	52.5	27.5	15	65.92593
1SV20EC003	14	15	29	2	5	7	11	9	20	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	22.6	11.6	17.6	15.6	21.6	48.08511	36.25	55	48.75	80
1SV20EC004	10	10	20	16	11	27	10	12	22	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	32.2	17.2	16.2	18.2	16.2	68.51064	53.75	50.625	56.875	60
1SV20EC005	15	15	30		10	10		9	9	1.2	1.2	1.2	1.2	1.2	4.6	4.6	4.6	4.6	4.6	20.8	15.8	5.8	14.8	20.8	44.25532	49.375	18.125	46.25	77.03704
1SV20EC006	9	8	17	5	17	22	15	14	29	2	2	2	2	2	3.8	3.8	3.8	3.8	3.8	19.8	22.8	20.8	19.8	13.8	42.12766	71.25	65	61.875	51.11111
1SV20EC007	15	14	29	1	10	11	12	1	13	2	2	2	2	2	5	5	5	5	5	23	17	19	8	21	48.93617	53.125	59.375	25	77.77778
1SV20EC008	10	11	21	9	19	28	17	9	26	2	2	2	2	2	5.8	5.8	5.8	5.8	5.8	26.8	26.8	24.8	16.8	18.8	57.02128	83.75	77.5	52.5	69.62963
1SV20EC009	14	15	29		16	16	12	8	20	2	2	2	2	2	4.4	4.4	4.4	4.4	4.4	20.4	22.4	18.4	14.4	21.4	43.40426	70	57.5	45	79.25926
1SV20EC010	14	13	27	3	16	19	15	8	23	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	23.8	22.8	21.8	14.8	19.8	50.6383	71.25	68.125	46.25	73.33333
1SV20EC011	15	15	30	19	20	39	20	19	39	2	2	2	2	2	7	7	7	7	7	43	29	29	28	24	91.48936	90.625	90.625	87.5	88.88889
1SV20EC012	13	14	27	8		8	8	4	12	2	2	2	2	2	3.8	3.8	3.8	3.8	3.8	26.8	5.8	13.8	9.8	19.8	57.02128	18.125	43.125	30.625	73.33333
1SV20EC013	12	11	23	6	18	24	12	15	27	2	2	2	2	2	4.4	4.4	4.4	4.4	4.4	24.4	24.4	18.4	21.4	17.4	51.91489	76.25	57.5	66.875	64.44444
1SV20EC014	15	15	30	19	19	38	19	20	39	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	42.2	27.2	27.2	28.2	23.2	89.78723	85	85	88.125	85.92593
1SV20EC015	15	15	30	9	19	25	11	11	22	2	2	2	2	2	6.6	6.6	6.6	6.6	6.6	32.6	27.6	19.6	19.6	23.6	69.3617	86.25	61.25	61.25	87.40741
1SV20EC016	15	15	30	20	20	40	19	19	38	2	2	2	2	2	6.8	6.8	6.8	6.8	6.8	43.8	28.8	27.8	27.8	23.8	93.19149	90	86.875	86.875	88.14815
1SV20EC017	15	15	30	19	20	39	19	20	39	2	2	2	2	2	7	7	7	7	7	43	29	28	29	24	91.48936	90.625	87.5	90.625	88.88889
1SV20EC018	13	13	26	2	13	15	7	6	13	1	1	1	1	1	4	4	4	4	4	20	18	12	11	18	42.55319	56.25	37.5	34.375	66.66667
1SV20ME001	9	9	18	12	20	32	19	7	26	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	27.8	26.8	25.8	13.8	15.8	59.14894	83.75	80.625	43.125	58.51852
1SV20ME002	15	15	30	8	16	24	11	10	21	1	1	1	1	1	5.8	5.8	5.8	5.8	5.8	29.8	22.8	17.8	16.8	21.8	63.40426	71.25	55.625	52.5	80.74074
1SV20ME003	15	15	30	20	19	39	19	20	39	2	2	2	2	2	6	6	6	6	6	43	27	27	28	23	91.48936	84.375	84.375	87.5	85.18519
1SV20ME004	13	14	27	3	2	5	12	8	20	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	22.6	8.6	18.6	14.6	20.6	48.08511	26.875	58.125	45.625	76.2963
1SV20ME005	2	1	3	2	1	3	5		5	1.4	1.4	1.4	1.4	1.4	4.6	4.6	4.6	4.6	4.6	10	7	11	6	7	21.2766	21.875	34.375	18.75	25.92593
1SV20ME006	15	15	30		20	20	12	6	14	2	2	2	2	2	5.2	5.2	5.2	5.2	5.2	22.2	27.2	19.2	13.2	22.2	47.23404	85	60	41.25	82.22222
1SV20ME007	13	14	27	6	9	15	6	6	12	2	2	2	2	2	4.4	4.4	4.4	4.4	4.4	25.4	15.4	12.4	12.4	20.4	54.04255	48.125	38.75	38.75	75.55556
1SV20ME008	14	14	28	4	15	19	7	7	14	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	25.6	22.6	14.6	14.6	21.6	54.46809	70.625	45.625	45.625	80
1SV20ME009	15	15	30	20	20	40	18	20	38	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	42.6	27.6	25.6	27.6	22.6	90.6383	86.25	80	86.25	83.7037
1SV19EE003	15	15	30	4	10	14	20	19	39	2	2	2	2	2	5	5	5	5	5	26	17	27	26	22	55.31915	53.125	84.375	81.25	81.48148
1SV20EE001	14	13	27		15	15	12	3	15	2	2	2	2	2	4	4	4	4	4	20	21	18	9	19	42.55319	65.625	56.25	28.125	70.37037
1SV20EE002	13	14	27		19	19	4	7	11	2	2	2	2	2	3.2	3.2	3.2	3.2	3.2	18.2	24.2	9.2	12.2	19.2	38.7234	75.625	28.75	38.125	71.11111
1SV20EE003	15	15	30	20	19	39	20	20	40	2	2	2	2	2	7	7	7	7	7	44	28	29	29	24	93.61702	87.5	90.625	90.625	88.88889
1SV20EE004	12	11	23	20	20	40	19	18	37	2	2	2	2	2	5	5	5	5	5	39	27	26	25	18	82.97872	84.375	81.25	78.125	66.66667
1SV20EE006	15	15	30	20	18	38	20	20	40	2	2	2	2	2	6.4	6.4	6.4	6.4	6.4	43.4	26.4	28.4	28.4	23.4	92.34043	82.5	88.75	88.75	86.66667
1SV20EE007	4	3	7	5	4	9	8	7	15	1	1	1	1	1	4	4	4	4	4	14	9	13	12	8	29.78723	28.125	40.625	37.5	29.62963
1SV20CV001	15	15	30	19	20	39	20	20	27	2	2	2	2	2	6.2	6.2	6.2	6.2	6.2	42.2	28.2	28.2	28.2	23.2	89.78723	88.125	88.125	88.125	85.92593
1SV20CV002	15	15	30	19		19	5		5	1	1	1	1	1	4	4	4	4	4	39	5	10	5	20	82.97872	15.625	31.25	15.625	74.07407
1SV20CV003	11	10	21		4	4	8		8	2	2	2	2	2	4.6	4.6	4.6	4.6	4.6	17.6	10.6	14.6	6.6	16.6	37.44681	33.125	45.625	20.625	61.48148
1SV20CV005	12	11	23	2	20	22	16	17	33	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	21.6	27.6	23.6	24.6	18.6	45.95745	86.25	73.75	76.875	68.88889
1SV20CV006	13	14	27		11	11		8	8	2	2	2	2	2	3.2	3.2	3.2	3.2	3.2	18.2	16.2	5.2	13.2	19.2	38.7234	50.625	16.25	41.25	71.11111
1SV20CV007	10	10	20	8	18	26	7	3	10	2	2	2	2	2	5.6	5.6	5.6	5.6	5.6	25.6	25.6	14.6	10.6	17.6	54.46809	80	45.625	33.125	65.18519
1SV20CV008	10	10	20	6	11	17	19	7	26	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	22.8	17.8	25.8	13.8	16.8	48.51064	55.625	80.625	43.125	62.22222
1SV20CV009	15	15	30	5	20	25	20	20	40	2	2	2	2	2	6	6	6	6	6	28	28	28	28	23	59.57447	87.5	87.5	87.5	85.18519
1SV20CV010	12	11	23	4	20	24	19	11	30	2	2	2	2	2	5.4	5.4	5.4	5.4	5.4	23.4	27.4	26.4	18.4	18.4	49.78723	85.625	82.5	57.5	68.14815
1SV20CV011	12	12	24		7	7	4	8	12	2	2	2	2	2	4.8	4.8	4.8	4.8	4.8	18.8	13.8	10.8	14.8	18.8	40	43.125	33.75	46.25	69.62963
1SV20CV014	15	15	30		16	16	11	9	20	2	2	2	2	2	4.2	4.2	4.2	4.2	4.2	21.2	22.2	17.2	15.2	21.2	45.10638	69.375	53.75	47.5	78.51852
1SV20CV015	15	15	30		19	19	13	12	25	2	2	2	2	2	4.4	4.4	4.4	4.4	4.4	21.4	25.4	19.4	18.4	21.4	45.53191	79.375	60.625	57.5	79.25926
																									58.37188	66.23641	61.07337	54.82337	73.02738

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