

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : I

Semester: I

Subject : PHYSICS

Course Code: PHY1S

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: V. PRASAD

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87	42.93	54.30	92.00	61.84	65
CO2	87	42.93	54.30	90.00	61.44	65
CO3	87	42.93	54.00	88.00	60.80	65
CO4	87	42.93	54.00	86.00	60.40	65
CO5	87	42.93	54.00	90.00	61.20	65
CO6	87	42.93	54.00	86.00	60.40	65
CO7		94	94.00	86.00	92.40	65
CO8						
CO9						
CO10						

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
Total		15	17	15	16	15	16	14	15	15	14
		65.35	66.61	65.08	64.91	65.11	63.07	67.81	67.37	65.09	65.63


LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86.00			
Direct	94.00			
Final Attainment	92.40			


 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.


 Co-ordinator
 IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: A.V.R. PRASADA

Semester: I

Course Code: PHY1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	48.27	58.90	92.00	65.52	65
CO2	91	48.27	58.90	90.00	65.12	65
CO3	91	48.27	58.90	88.00	64.72	65
CO4	91	48.27	58.90	86.00	64.32	65
CO5	91	48.27	58.90	90.00	65.12	65
CO6	91	48.27	58.90	86.00	64.32	65
CO7		93.2	93.20	86.00	91.76	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
Total	15	17	15	16	15	16	14	15	15	14	
	68.57	69.66	68.33	68.20	68.38	66.61	70.69	70.31	68.35	68.81	

LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86			
Direct	93.20			
Final Attainment	91.76			

29
 Incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE

P. Prasad
 Co-ordinator
 IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : I

Subject : PHYSICS

Course Name: WAVES AND OSCILLATIONS

Name of the Faculty: V. PRASAD

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	50.27	60.90	92.00	67.12	65
CO2	93	50.27	60.90	90.00	66.72	65
CO3	93	50.27	60.90	88.00	66.32	65
CO4	93	50.27	60.90	86.00	65.92	65
CO5	93	50.27	60.90	90.00	66.72	65
CO6	93	50.27	60.90	86.00	65.92	65
CO7		89.6	89.60	86.00	88.88	65
CO8		89.6	89.60	84.00	88.48	65
CO9		89.6	89.60	90.00	89.68	65
CO10		89.6	89.60	88.00	89.28	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	3	2	1	2	3	2
CO7	2	3	2	2	2	1	3	3	2	2
CO8	2	2	3	1	3	3	2	3	3	3
CO9	3	1	2	3	3	2	3	2	3	2
CO10	1	3	2	2	2	2	2	3	1	1
Total	21	23	22	22	23	23	21	23	22	20
	75.18	75.32	75.60	74.72	76.25	74.36	77.29	77.30	75.64	75.54

LABORATORY COURSE ATTAINMENT

Course Name: WAVES AND OSCILLATIONS

Course Code: PHY2SP

	CO7	CO8	CO9	CO10
Indirect	86.00	84.00	90.00	88.00
Direct	89.60	89.60	89.60	89.60
Final Attainment	88.88	88.48	89.68	89.28

Lecturer incharge
Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

V. Prasad
 Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: WAVES AND OSCILLATIONS

Name of the Faculty: B. SRINIVASABAO

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	89	53.07	62.30	92.00	68.24	65
CO2	89	53.07	62.30	90.00	67.84	65
CO3	89	53.07	62.30	88.00	67.44	65
CO4	89	53.07	62.30	86.00	67.04	65
CO5	89	53.07	62.00	90.00	67.60	65
CO6	89	53.07	62.00	86.00	66.80	65
CO7		90.8	90.80	86.00	89.84	65
CO8		90.8	90.80	84.00	89.44	65
CO9		90.8	90.80	90.00	90.64	65
CO10		90.8	90.80	88.00	90.24	65

PO Attainment

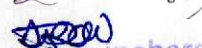
	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	2	2	1	2	3	2
CO7	2	3	2	2	2	1	3	3	2	2
CO8	2	2	3	1	3	3	2	3	3	3
CO9	3	1	2	3	3	2	3	2	3	2
CO10	1	3	2	2	2	2	2	3	1	1
Total	21	23	22	22	23	23	21	23	22	20
	76.19	76.33	76.61	75.74	77.25	75.37	78.30	78.29	76.64	76.54

LABORATORY COURSE ATTAINMENT

Course Name: WAVES AND OSCILLATIONMS

Course Code: PHY2SP

	CO7	CO8	CO9	CO10
Indirect	86.00	84.00	90.00	88.00
Direct	90.80	90.80	90.80	90.80
Final Attainment	89.84	89.44	90.64	90.24

29

 Lecturer in Charge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.


 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: A.V.R. Padasa Dada Rao

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	33.47	49.10	92.00	57.68	65
CO2	95	33.47	49.10	90.00	57.28	65
CO3	95	33.47	49.10	88.00	56.88	65
CO4	95	33.47	49.10	86.00	56.48	65
CO5	94	33.47	48.50	90.00	56.80	65
CO6	94	33.47	48.50	86.00	56.00	65
CO7	94	33.47	48.50	86.00	56.00	65
CO8		89	89.00	84.00	88.00	65
CO9		89	89.00	90.00	89.20	65
CO10		89	89.00	88.00	88.80	65
CO11		89	89.00	84.00	88.00	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	2	1
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		66.98	67.70	68.56	67.38	69.40	68.24	69.21	70.14	67.73	67.36

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	89.00	89.00	89.00	89.00
Final Attainment	88.00	89.20	88.80	88.00

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE


Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: *B. Sri Vasu Rao*

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	40.27	53.40	92.00	61.12	65
CO2	91	40.27	53.40	90.00	60.72	65
CO3	89	40.27	52.50	88.00	59.60	65
CO4	89	40.27	52.50	86.00	59.20	65
CO5	89	40.27	52.50	90.00	60.00	65
CO6	89	40.27	52.50	86.00	59.20	65
CO7	89	40.27	52.50	86.00	59.20	65
CO8		95	95.00	84.00	92.80	65
CO9		95	95.00	90.00	94.00	65
CO10		95	95.00	88.00	93.60	65
CO11		95	95.00	84.00	92.80	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2
	CO2	3	3	3	1	1	3	2	1	1
	CO3	1	3	2	3	3	2	3	2	2
	CO4	2	1	3	3	2	2	1	1	3
	CO5	3	3	1	2	2	3	2	3	2
	CO6	1	2	3	2	3	2	1	2	3
	CO7	2	3	2	2	2	1	3	3	2
	CO8	2	2	3	1	3	3	3	2	3
	CO9	3	1	2	3	3	2	3	2	3
	CO10	1	3	2	2	2	2	2	3	1
	CO11	1	3	2	2	2	2	2	3	1
Total	22	26	24	24	25	25	23	26	23	21
	70.69	71.43	72.30	71.04	73.17	72.00	72.99	74.00	71.42	71.10

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	95.00	95.00	95.00	95.00
Final Attainment	92.80	94.00	93.60	92.80

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Name of the Faculty: A.V - R. PRASADARAO

Semester: IV

Course Code: PHY4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	44.8	57.60	92.00	64.48	65
CO2	96	44.8	57.60	90.00	64.08	65
CO3	96	44.8	57.60	88.00	63.68	65
CO4	96	44.8	57.60	86.00	63.28	65
CO5	96	44.8	57.60	90.00	64.08	65
CO6	96	44.8	57.60	86.00	63.28	65
CO7		87.6	87.60	86.00	87.28	65
CO8						
CO9						
CO10						

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	CO7	2	3	2	2	2	1	3	3	2	2	
		Total	15	17	15	16	15	16	14	15	15	14
		67.07	68.01	66.83	66.73	66.88	65.36	68.91	68.59	66.85	67.28	

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	87.60			
Final Attainment	87.28			

29
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prasad
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Name of the Faculty: *B. SRINIVASARAO*

Semester: IV

Course Code: PHY4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	45.07	57.20	92.00	64.16	65
CO2	93	45.07	57.20	90.00	63.76	65
CO3	92	45.07	56.90	88.00	63.12	65
CO4	92	45.07	56.90	86.00	62.72	65
CO5	92	45.07	56.90	90.00	63.52	65
CO6	92	45.07	56.90	86.00	62.72	65
CO7		87.6	87.60	86.00	87.28	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total		15	17	15	16	15	16	14	15	15
		66.68	67.62	66.41	66.30	66.44	64.92	68.54	68.20	66.42	66.89

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	87.60			
Final Attainment	87.28			

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Semester: 5; P-5

Course Code: PHY5SA

Name of the Faculty: B. ASHOK

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	45.73	57.70	92.00	64.56	65
CO2	93	45.73	57.70	90.00	64.16	65
CO3	93	45.73	57.70	88.00	63.76	65
CO4	93	45.73	57.70	86.00	63.36	65
CO5	93	45.73	57.70	90.00	64.16	65
CO6	93	45.73	57.70	86.00	63.36	65
CO7	93	45.73	57.60	86.00	63.28	65
CO8		92.8	92.80	84.00	91.04	65
CO9		92.8	92.80	90.00	92.24	65
CO10		92.8	92.80	88.00	91.84	65
CO11		92.8	92.80	86.00	91.44	65
CO12		92.8	92.80	90.00	92.24	65
CO13		92.8	92.80	86.00	91.44	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
Total		27	31	27	28	31	28	28	31	28	26
		76.32	76.39	76.10	75.80	78.18	75.82	77.81	78.22	76.73	76.68

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	92.80	92.80	92.80	92.80	92.80	92.80
Final Attainment	91.04	92.24	91.84	91.44	92.24	91.44

(Signature)
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

(Signature)
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Semester: 5-P-5

Course Code: PHYSSA

Name of the Faculty: **V. PRASAD**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	83	49.33	57.40	92.00	64.32	65
CO2	83	49.33	57.40	90.00	63.92	65
CO3	83	49.33	57.40	88.00	63.52	65
CO4	83	49.33	57.40	86.00	63.12	65
CO5	83	49.33	57.70	90.00	64.16	65
CO6	83	49.33	57.70	86.00	63.36	65
CO7	85	49.33	58.60	86.00	64.08	65
CO8		88	88.00	84.00	87.20	65
CO9		88	88.00	90.00	88.40	65
CO10		88	88.00	88.00	88.00	65
CO11		88	88.00	86.00	87.60	65
CO12		88	88.00	90.00	88.40	65
CO13		88	88.00	86.00	87.60	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
Total	27	31	27	28	31	28	28	31	28	26	
	74.60	74.67	74.37	74.13	76.19	74.12	75.90	76.26	74.94	74.91	

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHYSSAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	88.00	88.00	88.00	88.00	88.00	88.00
Final Attainment	87.20	88.40	88.00	87.60	88.40	87.60

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

V. Prasad
Co-ordinator

IQAC

Sri A.B.R. Govt. Degree College
REPALLE, 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: B. ASHOK

Semester: Vth P-6

Course Code: PHY5SB

CO	INTERNAL	EXTERNA	DIRECT	INDIRECT	FINAL	EXPECTED LEVEL
CO1	94	45.6	57.30	92.00	64.24	65
CO2	94	45.6	57.30	90.00	63.84	65
CO3	95	45.6	57.90	88.00	63.92	65
CO4	95	45.6	57.90	86.00	63.52	65
CO5	96	45.6	58.20	90.00	64.56	65
CO6	96	45.6	58.20	86.00	63.76	65
CO7	96	45.6	58.20	86.00	63.76	65
CO8		88.4	88.40	84.00	87.52	65
CO9		88.4	88.40	90.00	88.72	65
CO10		88.4	88.40	88.00	88.32	65
CO11		88.4	88.40	84.00	87.52	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
Total		22	26	24	24	25	25	23	26	23	21
		71.69	72.27	72.88	72.02	73.58	72.63	73.41	74.15	72.31	72.02

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	88.40	88.40	88.40	88.40
Final Attainment	87.52	88.72	88.32	87.52

B. Ashok
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: V. PRASAD

Semester: V; P-6

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	40.13	52.80	92.00	60.64	65
CO2	91	40.13	52.80	90.00	60.24	65
CO3	91	40.13	52.80	88.00	59.84	65
CO4	91	40.13	52.80	86.00	59.44	65
CO5	91	40.13	52.80	90.00	60.24	65
CO6	91	40.13	52.80	86.00	59.44	65
CO7	91	40.13	52.80	86.00	59.44	65
CO8		90.8	90.80	84.00	89.44	65
CO9		90.8	90.80	90.00	90.64	65
CO10		90.8	90.80	88.00	90.24	65
CO11		90.8	90.80	84.00	89.44	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
Total	22	26	24	24	25	25	23	26	23	21	
		69.59	70.29	71.07	69.96	71.89	70.77	71.70	72.61	70.31	69.97

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	90.80	90.80	90.80	90.80
Final Attainment	89.44	90.64	90.24	89.44

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

V. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Name of the Faculty: A.V.R. PRASADA RAO

Semester: VI

Course Code: PHY6S-7C

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	70.27	75.80	92.00	79.04	65
CO2	93	70.27	75.80	90.00	78.64	65
CO3	93	70.27	75.80	88.00	78.24	65
CO4	93	70.27	75.80	86.00	77.84	65
CO5	93	70.27	75.80	90.00	78.64	65
CO6		98.2	98.20	86.00	95.76	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
		79.90	81.00	82.38	80.91	82.44	80.84	80.09	81.46	82.41	81.49

LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6		
Indirect	86.00		
Direct	98.20		
Final Attainment	95.76		

29
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College

P. Prasad
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur.(Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Semester: VI

Course Code: PHY6S-7C

Name of the Faculty: **B. ASHOK**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	85	67.33	71.40	92.00	75.52	65
CO2	85	67.33	71.40	90.00	75.12	65
CO3	85	67.33	71.70	88.00	74.96	65
CO4	85	67.33	71.70	86.00	74.56	65
CO5	85	67.33	71.70	90.00	75.36	65
CO6		92.8	92.80	86.00	91.44	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
		76.42	77.49	78.78	77.42	78.86	77.33	76.63	77.93	78.83	77.94

LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6		
Indirect	86.00		
Direct	92.80		
Final Attainment	91.44		

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C & M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: SOLAR THERMAL AND PHOTOVOLTAIC ASPECTS

Semester: VI

Course Code: PHY6S-8C1

Name of the Faculty: V. PRASAD

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	44.67	58.00	92.00	64.80	65
CO2	96	44.67	58.00	90.00	64.40	65
CO3	95	44.67	57.70	88.00	63.76	65
CO4	95	44.67	57.70	86.00	63.36	65
CO5	94	44.67	57.10	90.00	63.68	65
CO6		96.20	96.20	86.00	94.16	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
		66.41	68.34	70.90	68.27	70.91	68.08	66.78	69.09	70.88	69.14

LABORATORY COURSE ATTAINMENT

Course Name: SOLAR THERMAL & PHOTOVOLTAIC ASPECTS

Course Code: PHY6SP-8C1

	CO6			
Indirect	86.00			
Direct	96.20			
Final Attainment	94.16			

29
Lecturer Incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

V. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2017-18

Programme: B.Sc(M.P.C & M.P.CS)

Year : III

Subject : PHYSICS

Course Name: WIND, HYDRO & OCEAN ENERGIES

Name of the Faculty: B. SRINIVASARAO

Semester:VI

Course Code: PHY6S-8C2

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94	40.4	54.20	92.00	61.76	65
CO2	94	40.4	54.20	90.00	61.36	65
CO3	93	40.4	53.90	88.00	60.72	65
CO4	93	40.4	53.90	86.00	60.32	65
CO5	93	40.4	53.90	90.00	61.12	65
CO6		96	96.00	86.00	94.00	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
	63.70	65.82	68.57	65.71	68.61	65.52	64.09	66.65	68.58	66.70	

LABORATORY COURSE ATTAINMENT

Course Name: WIND, HYDRO & OCEAN ENERGIES

Course Code: PHY6SP - 8C2

	CO6			
Indirect	86.00			
Direct	96.00			
Final Attainment	94.00			

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE, 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: B. SRINIVASA BARRAO

Semester: I

Course Code: PHY1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	27.73	44.10	92.00	53.68	65
CO2	95	27.73	44.10	90.00	53.28	65
CO3	97	27.73	44.70	88.00	53.36	65
CO4	97	27.73	44.70	86.00	52.96	65
CO5	98	27.73	45.30	90.00	54.24	65
CO6	98	27.73	45.30	86.00	53.44	65
CO7		97	97.00	86.00	94.80	65

PO Attainment


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	3	2	1	2	3	2
CO7	2	3	2	2	2	1	3	3	2	2
Total	15	17	15	16	15	16	14	15	15	14
	59.06	60.84	58.89	58.64	59.00	56.12	62.38	61.87	58.98	59.51

LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86			
Direct	97.00			
Final Attainment	94.8			


 Co-ordinator
 IQAC
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.CS)

Year : I

Subject : PHYSICS

Course Name: WAVES AND OSCILLATIONS

Name of the Faculty: V. PRASAD

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	53.47	64.10	92.00	69.68	65
CO2	95	53.47	64.10	90.00	69.28	65
CO3	95	53.47	63.80	88.00	68.64	65
CO4	95	53.47	63.80	86.00	68.24	65
CO5	95	53.47	64.10	90.00	69.28	65
CO6	95	53.47	64.10	86.00	68.48	65
CO7		95.6	95.60	86.00	93.68	65
CO8		95.6	95.60	84.00	93.28	65
CO9		95.6	95.60	90.00	94.48	65
CO10		95.6	95.60	88.00	94.08	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	Total	21	23	22	22	23	23	21	23	22	20
		78.56	78.72	79.03	78.03	79.73	77.66	80.87	80.90	79.06	78.98

LABORATORY COURSE ATTAINMENT

Course Name: WAVES AND OSCILLATIONS

Course Code: PHY2SP

	CO7	CO8	CO9	CO10
Indirect	86.00	84.00	90.00	88.00
Direct	95.60	95.60	95.60	95.60
Final Attainment	93.68	93.28	94.48	94.08

Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

V. Prasad
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: WAVES AND OSCILLATIONS

Name of the Faculty: *B. SRINIVASARAO*

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	34.93	48.80	92.00	57.44	65
CO2	91	34.93	48.80	90.00	57.04	65
CO3	91	34.93	49.10	88.00	56.88	65
CO4	91	34.93	49.10	86.00	56.48	65
CO5	91	34.93	48.80	90.00	57.04	65
CO6	91	34.93	48.80	86.00	56.24	65
CO7		92	92.00	86.00	90.80	65
CO8		92	92.00	84.00	90.40	65
CO9		92	92.00	90.00	91.60	65
CO10		92	92.00	88.00	91.20	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
Total		21	23	22	22	23	23	21	23	22	20
		69.95	70.22	70.72	69.33	71.67	68.75	73.18	73.20	70.76	70.53

LABORATORY COURSE ATTAINMENT

Course Name: WAVES AND OSCILLATIONMS

Course Code: PHY2SP

	CO7	CO8	CO9	CO10
Indirect	86.00	84.00	90.00	88.00
Direct	92.00	92.00	92.00	92.00
Final Attainment	90.80	90.40	91.60	91.20

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: B. ASHOK

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	81	29.07	42.20	92.00	52.16	65
CO2	81	29.07	42.20	90.00	51.76	65
CO3	81	29.07	42.20	88.00	51.36	65
CO4	81	29.07	42.20	86.00	50.96	65
CO5	80	29.07	41.90	90.00	51.52	65
CO6	80	29.07	41.90	86.00	50.72	65
CO7	80	29.07	41.90	86.00	50.72	65
CO8		87.2	87.20	84.00	86.56	65
CO9		87.2	87.20	90.00	87.76	65
CO10		87.2	87.20	88.00	87.36	65
CO11		87.2	87.20	84.00	86.56	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		62.82	63.67	64.63	63.28	65.58	64.25	65.35	66.42	63.70	63.28

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	87.20	87.20	87.20	87.20
Final Attainment	86.56	87.76	87.36	86.56

29/07/2019
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE

P. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: **B. SRINIVASARAO**

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT %	INDIRECT ATTAINMENT %	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	71	36.93	45.60	92.00	54.88	65
CO2	71	36.93	45.60	90.00	54.48	65
CO3	71	36.93	45.30	88.00	53.84	65
CO4	71	36.93	45.30	86.00	53.44	65
CO5	71	36.93	45.30	90.00	54.24	65
CO6	71	36.93	45.30	86.00	53.44	65
CO7	71	36.93	45.30	86.00	53.44	65
CO8		80.4	80.40	84.00	81.12	65
CO9		80.4	80.40	90.00	82.32	65
CO10		80.4	80.40	88.00	81.92	65
CO11		80.4	80.40	84.00	81.12	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total	22	26	24	24	25	25	23	26	23	21
	62.91	63.53	64.24	63.22	64.99	63.99	64.83	65.66	63.53	63.26	

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	80.40	80.40	80.40	80.40
Final Attainment	81.12	82.32	81.92	81.12

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Semester: IV

Course Code: PHY4S

Name of the Faculty: SK-SATTAR

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	42.67	56.10	92.00	63.28	65
CO2	96	42.67	56.10	90.00	62.88	65
CO3	97	42.67	56.40	88.00	62.72	65
CO4	97	42.67	56.40	86.00	62.32	65
CO5	97	42.67	56.40	90.00	63.12	65
CO6	97	42.67	56.40	86.00	62.32	65
CO7		96.4	96.40	86.00	94.32	65
CO8						
CO9						
CO10						

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total		15	17	15	16	15	16	14	15	15
		67.08	68.39	66.87	66.71	66.94	64.81	69.59	69.16	66.91	67.38

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	96.40			
Final Attainment	94.32			

20

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Name of the Faculty: V- P. Prasad

Semester: IV

Course Code: PHY4S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	45.73	58.20	92.00	64.96	65
CO2	95	45.73	58.20	90.00	64.56	65
CO3	97	45.73	58.80	88.00	64.64	65
CO4	97	45.73	58.80	86.00	64.24	65
CO5	97	45.73	58.80	90.00	65.04	65
CO6	97	45.73	58.80	86.00	64.24	65
CO7		96.4	96.40	86.00	94.32	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2
	CO2	3	3	3	1	1	3	2	1	1
	CO3	1	3	2	3	3	2	3	2	2
	CO4	2	1	3	3	2	2	1	1	3
	CO5	3	3	1	2	2	3	2	3	2
	CO6	1	2	3	2	3	2	1	2	3
	CO7	2	3	2	2	2	1	3	3	2
Total	15	17	15	16	15	16	14	15	15	14
	68.65	69.90	68.47	68.33	68.55	66.52	71.03	70.63	68.53	68.94


LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	96.40			
Final Attainment	94.32			


Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Name of the Faculty: B. ASHOK

Semester: 5-P-5

Course Code: PHY5SA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	83	42.8	52.80	92.00	60.64	65
CO2	83	42.8	52.80	90.00	60.24	65
CO3	84	42.8	53.10	88.00	60.08	65
CO4	84	42.8	53.10	86.00	59.68	65
CO5	84	42.8	53.10	90.00	60.48	65
CO6	84	42.8	53.10	86.00	59.68	65
CO7	87	42.8	54.30	86.00	60.64	65
CO8		91.8	91.80	84.00	90.24	65
CO9		91.8	91.80	90.00	91.44	65
CO10		91.8	91.80	88.00	91.04	65
CO11		91.8	91.80	86.00	90.64	65
CO12		91.8	91.80	90.00	91.44	65
CO13		91.8	91.80	86.00	90.64	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
Total		31	27	28	28	31	28	28	31	28	26
		73.95	74.08	73.74	73.40	76.03	73.36	75.64	76.10	74.44	74.37

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	91.80	91.80	91.80	91.80	91.80	91.80
Final Attainment	90.24	91.44	91.04	90.64	91.44	90.64

P. Prada
Co-ordinator

IQAC

Sri A.B.R. Govt. Degree College

REPALLE 522 265

Guntur (Dt.), A.P.

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Semester: 5-P-5

Course Code: PHY5SA

Name of the Faculty: V. PRASAD

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	85	47.87	57.30	92.00	64.24	65
CO2	85	47.87	57.30	90.00	63.84	65
CO3	85	47.87	57.30	88.00	63.44	65
CO4	85	47.87	57.30	86.00	63.04	65
CO5	84	47.87	57.00	90.00	63.60	65
CO6	84	47.87	57.00	86.00	62.80	65
CO7	86	47.87	57.70	86.00	63.36	65
CO8		89	89.00	84.00	88.00	65
CO9		89	89.00	90.00	89.20	65
CO10		89	89.00	88.00	88.80	65
CO11		89	89.00	86.00	88.40	65
CO12		89	89.00	90.00	89.20	65
CO13		89	89.00	86.00	88.40	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
		CO1	3	2	1	3	2	3	2	3	2
CO2	3	3	3	1	1	3	2	1	1	2	
CO3	1	3	2	3	3	2	3	2	2	1	
CO4	2	1	3	3	2	2	1	1	3	1	
CO5	3	3	1	2	2	3	2	3	2	3	
CO6	1	2	3	2	2	3	2	1	2	3	
CO7	2	3	2	2	2	1	3	3	2	2	
CO8	2	2	3	1	3	3	2	3	3	2	
CO9	3	1	2	3	3	2	3	2	3	3	
CO10	1	3	2	2	2	2	3	2	3	2	
CO11	2	3	2	1	2	1	2	3	1	1	
CO12	3	2	1	2	3	2	3	3	2	2	
CO13	1	3	2	3	3	2	3	3	3	3	
Total		27	31	27	28	31	2	2	3	1	3
		74.79	74.85	74.57	74.31	76.45	74.31	76.14	76.50	75.14	75.09

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	89.00	89.00	89.00	89.00	89.00	89.00
Final Attainment	88.00	89.20	88.80	88.40	89.20	88.40

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

V. Prasad
Co-ordinator

IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: **B. ASHOK**

Semester: **V, P.6**

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87	44.53	54.60	92.00	62.08	65
CO2	87	44.53	54.60	90.00	61.68	65
CO3	87	44.53	54.90	88.00	61.52	65
CO4	87	44.53	54.90	86.00	61.12	65
CO5	89	44.53	55.80	90.00	62.64	65
CO6	89	44.53	55.80	86.00	61.84	65
CO7	89	44.53	55.80	86.00	61.84	65
CO8		93	93.00	84.00	91.20	65
CO9		93	93.00	90.00	92.40	65
CO10		93	93.00	88.00	92.00	65
CO11		93	93.00	84.00	91.20	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	3	1	3	1
	CO5	3	3	1	2	2	3	2	2	3	2
	CO6	1	2	3	2	2	2	1	3	3	2
	CO7	2	3	2	2	2	3	3	2	3	3
	CO8	2	2	3	1	3	3	3	2	3	3
	CO9	3	1	2	3	3	2	2	3	2	3
	CO10	1	3	2	2	2	2	2	2	3	1
	CO11	1	3	2	2	2	2	2	2	3	1
	Total		22	26	24	24	25	25	23	26	23
		71.42	72.17	72.92	71.80	73.77	72.59	73.56	74.51	72.21	71.86

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	93.00	93.00	93.00	93.00
Final Attainment	91.2	92.4	92	91.2

29/07/2019
Lecturer Incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: v - PRAASAD

Semester: V - P6

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	85	57.87	64.70	92.00	70.16	65
CO2	85	57.87	64.70	90.00	69.76	65
CO3	85	57.87	64.40	88.00	69.12	65
CO4	85	57.87	64.40	86.00	68.72	65
CO5	85	57.87	64.70	90.00	69.76	65
CO6	85	57.87	64.70	86.00	68.96	65
CO7	85	57.87	64.70	86.00	68.96	65
CO8		89.8	89.80	84.00	88.64	65
CO9		89.8	89.80	90.00	89.84	65
CO10		89.8	89.80	88.00	89.44	65
CO11		89.8	89.80	84.00	88.64	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		75.79	76.20	76.67	75.98	77.23	76.53	77.14	77.74	76.19	76.03

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	89.80	89.80	89.80	89.80
Final Attainment	88.64	89.84	89.44	88.64

29
Lecturer in charge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.


Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Name of the Faculty: V. P. S. A. D.

Semester: VI

Course Code: PHY6S-7C

CO AFTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	97	57.07	67.20	92.00	72.16	65
CO2	97	57.07	67.20	90.00	71.76	65
CO3	96	57.07	66.90	88.00	71.12	65
CO4	96	57.07	66.90	86.00	70.72	65
CO5	96	57.07	66.90	90.00	71.52	65
CO6		95	95.00	86.00	93.20	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	3	2	1	2	3	2
Total	13	14	13	14	13	15	11	12	13	12
	73.24	74.62	76.38	74.51	76.42	74.43	73.47	75.18	76.39	75.23

LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6		
Indirect	86.00		
Direct	95.00		
Final Attainment	93.20		

20/07

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2018-19

Programme: B.Sc(M.P.C & M.P.CS)

Year : III

Subject : PHYSICS

Course Name: ENERGY STORAGE DEVICES

Name of the Faculty: SK. SATTA

Semester: VI- P-8C3

Course Code: PHY6S-8C3

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	99	69.33	76.80	92.00	79.84	65
CO2	99	69.33	76.80	90.00	79.44	65
CO3	99	69.33	76.80	88.00	79.04	65
CO4	99	69.33	76.80	86.00	78.64	65
CO5	99	69.33	76.80	90.00	79.44	65
CO6		97.6	97.60	86.00	95.28	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
	80.60	81.62	82.88	81.53	82.94	81.47	80.77	82.05	82.91	82.08	

LABORATORY COURSE ATTAINMENT

Course Name: ENERGY STORAGE DEVICES

Course Code: PHY6S-8C3

	CO6		
Indirect	86.00		
Direct	97.60		
Final Attainment	95.28		

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE, 522 265
- Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: B. SAINIVASARAO

Semester: I

Course Code: PHY1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	90	29.2	44.20	92.00	53.76	65
CO2	90	29.2	44.20	90.00	53.36	65
CO3	89	29.2	43.60	88.00	52.48	65
CO4	89	29.2	43.60	86.00	52.08	65
CO5	89	29.2	43.90	90.00	53.12	65
CO6	89	29.2	43.90	86.00	52.32	65
CO7		90.2	90.20	86.00	89.36	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total	15	17	15	16	15	16	14	15	15	14
		57.89	59.36	57.59	57.37	57.63	55.24	60.74	60.25	57.60	58.23

LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86.00			
Direct	90.20			
Final Attainment	89.36			

29
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prada
 Co-ordinator
 IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.CS)

Year : I

Subject : PHYSICS

Course Name: WAVES AND OSCILLATIONS

Name of the Faculty: SK SATTAR

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	97	42	55.40	92.00	62.72	65
CO2	97	42	55.40	90.00	62.32	65
CO3	95	42	54.80	88.00	61.44	65
CO4	95	42	54.80	86.00	61.04	65
CO5	96	42	55.10	90.00	62.08	65
CO6	96	42	55.10	86.00	61.28	65
CO7		88.8	88.80	86.00	88.24	65
CO8		88.8	88.80	84.00	87.84	65
CO9		88.8	88.80	90.00	89.04	65
CO10		88.8	88.80	88.00	88.64	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	Total	21	23	22	22	23	23	21	23	22	20
		72.10	72.26	72.59	71.52	73.33	71.13	74.56	74.58	72.61	72.54

LABORATORY COURSE ATTAINMENT

Course Name: WAVES AND OSCILLATIONS

Course Code: PHY2SP

	CO7	CO8	CO9	CO10
Indirect	86.00	84.00	90.00	88.00
Direct	88.80	88.80	88.80	88.80
Final Attainment	88.24	87.84	89.04	88.64

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: WAVES AND OSCILLATIONS

Name of the Faculty: B. SRINIVASA RAO

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	78	38	48.00	92.00	56.80	65
CO2	78	38	48.00	90.00	56.40	65
CO3	79	38	48.30	88.00	56.24	65
CO4	79	38	48.30	86.00	55.84	65
CO5	79	38	48.30	90.00	56.64	65
CO6	79	38	48.30	86.00	55.84	65
CO7		90	90.00	86.00	89.20	65
CO8		90	90.00	84.00	88.80	65
CO9		90	90.00	90.00	90.00	65
CO10		90	90.00	88.00	89.60	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	Total		21	23	22	22	23	23	21	23	22
		68.99	69.26	69.73	68.38	70.66	67.83	72.12	72.15	69.78	69.56

LABORATORY COURSE ATTAINMENT

Course Name: WAVES AND OSCILLATIONMS

Course Code: PHY2SP

	CO7	CO8	CO9	CO10
Indirect	86.00	84.00	90.00	88.00
Direct	90.00	90.00	90.00	90.00
Final Attainment	89.20	88.80	90.00	89.60

29
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prada
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: SK-SATTAR

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	80	39.2	49.40	92.00	57.92	65
CO2	80	39.2	49.40	90.00	57.52	65
CO3	79	39.2	49.10	88.00	56.88	65
CO4	79	39.2	49.10	86.00	56.48	65
CO5	79	39.2	49.10	90.00	57.28	65
CO6	79	39.2	49.10	86.00	56.48	65
CO7	79	39.2	49.10	86.00	56.48	65
CO8		86.6	86.60	84.00	86.08	65
CO9		86.6	86.60	90.00	87.28	65
CO10		86.6	86.60	88.00	86.88	65
CO11		86.6	86.60	84.00	86.08	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		66.56	67.23	68.00	66.90	68.80	67.72	68.63	69.52	67.24	66.94

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	86.60	86.60	86.60	86.60
Final Attainment	86.08	87.28	86.88	86.08

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: V. PRAEAD

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	75	29.07	41.00	92.00	51.20	65
CO2	75	29.07	41.00	90.00	50.80	65
CO3	75	29.07	41.00	88.00	50.40	65
CO4	75	29.07	41.00	86.00	50.00	65
CO5	74	29.07	40.40	90.00	50.32	65
CO6	74	29.07	40.40	86.00	49.52	65
CO7	74	29.07	40.40	86.00	49.52	65
CO8		84.4	84.40	84.00	84.32	65
CO9		84.4	84.40	90.00	85.52	65
CO10		84.4	84.40	88.00	85.12	65
CO11		84.4	84.40	84.00	84.32	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total	22	26	24	24	25	25	23	26	23	21
		61.39	62.19	63.13	61.84	64.04	62.77	63.83	64.85	62.23	61.81

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	84.40	84.40	84.40	84.40
Final Attainment	84.32	85.52	85.12	84.32

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE

V. Praead
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Semester: IV

Course Code: PHY4S

Name of the Faculty: SATTAR

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87	47.2	57.00	92.00	64.00	65
CO2	87	47.2	57.00	90.00	63.60	65
CO3	87	47.2	57.30	88.00	63.44	65
CO4	87	47.2	57.30	86.00	63.04	65
CO5	87	47.2	57.30	90.00	63.84	65
CO6	87	47.2	57.30	86.00	63.04	65
CO7		93.6	93.60	86.00	92.08	65
CO8						
CO9						
CO10						

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total		15	17	15	16	15	16	14	15	15
		67.40	68.59	67.19	67.06	67.26	65.34	69.68	69.29	67.24	67.67

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	93.60			
Final Attainment	92.08			

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Semester: IV

Course Code: PHY4S

Name of the Faculty: V. PRASAD

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	83	38.53	49.60	92.00	58.08	65
CO2	83	38.53	49.60	90.00	57.68	65
CO3	84	38.53	49.90	88.00	57.52	65
CO4	84	38.53	49.90	86.00	57.12	65
CO5	84	38.53	49.90	90.00	57.92	65
CO6	84	38.53	49.90	86.00	57.12	65
CO7		91.6	91.60	86.00	90.48	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total	15	17	15	16	15	16	14	15	15	14
		62.06	63.43	61.85	61.68	61.92	59.69	64.69	64.23	61.89	62.37


LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	91.60			
Final Attainment	90.48			

29

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.CS)

Year : 3

Semester: 5-P-5

Subject : PHYSICS

Course Code: PHY5SA

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Name of the Faculty: V. PRASAD

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	85	42.4	53.20	92.00	60.96	65
CO2	85	42.4	53.20	90.00	60.56	65
CO3	85	42.4	53.20	88.00	60.16	65
CO4	85	42.4	53.20	86.00	59.76	65
CO5	85	42.4	53.20	90.00	60.56	65
CO6	85	42.4	53.20	86.00	59.76	65
CO7	87	42.4	54.10	86.00	60.48	65
CO8		91.8	91.80	84.00	90.24	65
CO9		91.8	91.80	90.00	91.44	65
CO10		91.8	91.80	88.00	91.04	65
CO11		91.8	91.80	86.00	90.64	65
CO12		91.8	91.80	90.00	91.44	65
CO13		91.8	91.80	86.00	90.64	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
	Total	27	31	27	28	31	28	28	31	28	26
	74.03	74.14	73.80	73.46	76.08	73.45	75.69	76.14	74.49	74.44	

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	91.80	91.80	91.80	91.80	91.80	91.80
Final Attainment	90.24	91.44	91.04	90.64	91.44	90.64

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

V. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Name of the Faculty: B. SAINIVASARAO

Semester: 5-P-5

Course Code: PHY55A

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	79	47.2	55.30	92.00	62.64	65
CO2	79	47.2	55.30	90.00	62.24	65
CO3	79	47.2	55.30	88.00	61.84	65
CO4	79	47.2	55.30	86.00	61.44	65
CO5	79	47.2	55.00	90.00	62.00	65
CO6	79	47.2	55.00	86.00	61.20	65
CO7	81	47.2	56.20	86.00	62.16	65
CO8		86	86.00	84.00	85.60	65
CO9		86	86.00	90.00	86.80	65
CO10		86	86.00	88.00	86.40	65
CO11		86	86.00	86.00	86.00	65
CO12		86	86.00	90.00	86.80	65
CO13		86	86.00	86.00	86.00	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	3	2	1	2	3	2
CO7	2	3	2	2	2	1	3	3	2	2
CO8	2	2	3	1	3	3	2	3	3	3
CO9	3	1	2	3	3	2	3	2	3	2
CO10	1	3	2	2	2	2	2	3	1	1
CO11	2	3	2	1	2	1	2	2	2	2
CO12	3	2	1	2	3	2	3	3	3	1
CO13	1	3	2	3	3	2	2	3	1	3
Total	27	31	27	28	31	28	28	31	28	26
	72.86	72.92	72.64	72.40	74.46	72.38	74.19	74.52	73.19	73.15

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY55A

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	86.00	86.00	86.00	86.00	86.00	86.00
Final Attainment	85.60	86.80	86.40	86.00	86.80	86.00

29
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prada
 Co-ordinator
 IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: SK. SATTAR

Semester: V. P-6

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	46.93	57.60	92.00	64.48	65
CO2	91	46.93	57.60	90.00	64.08	65
CO3	91	46.93	57.60	88.00	63.68	65
CO4	91	46.93	57.60	86.00	63.28	65
CO5	91	46.93	57.60	90.00	64.08	65
CO6	91	46.93	57.60	86.00	63.28	65
CO7	91	46.93	57.60	86.00	63.28	65
CO8		89	89.00	84.00	88.00	65
CO9		89	89.00	90.00	89.20	65
CO10		89	89.00	88.00	88.80	65
CO11		89	89.00	84.00	88.00	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		71.75	72.30	72.93	72.04	73.62	72.71	73.47	74.22	72.31	72.05

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	89.00	89.00	89.00	89.00
Final Attainment	88	89.2	88.8	88

29

Lecturer incharge
Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prasad
 Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: V. PRASAD

Semester: V. P6

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	42.4	54.50	92.00	62.00	65
CO2	91	42.4	54.50	90.00	61.60	65
CO3	91	42.4	54.50	88.00	61.20	65
CO4	91	42.4	54.50	86.00	60.80	65
CO5	91	42.4	54.50	90.00	61.60	65
CO6	91	42.4	54.50	86.00	60.80	65
CO7	91	42.4	54.50	86.00	60.80	65
CO8		88.8	88.80	84.00	87.84	65
CO9		88.8	88.80	90.00	89.04	65
CO10		88.8	88.80	88.00	88.64	65
CO11		88.8	88.80	84.00	87.84	65


PO Attainment


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
Total	22	26	24	24	25	25	23	26	23	21	
	70.00	70.62	71.32	70.33	72.06	71.06	71.90	72.72	70.64	70.35	

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	88.80	88.80	88.80	88.80
Final Attainment	87.84	89.04	88.64	87.84

20

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2019-20

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Name of the Faculty: V - P RAJAD

Semester: VI

Course Code: PHY6S-7C

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	67.73	74.40	92.00	77.92	65
CO2	95	67.73	74.40	90.00	77.52	65
CO3	95	67.73	74.70	88.00	77.36	65
CO4	95	67.73	74.70	86.00	76.96	65
CO5	95	67.73	74.40	90.00	77.52	65
CO6		88	88.00	86.00	87.60	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	Total	13	14	13	14	13	15	11	12	13	12	
		78.29	78.94	79.72	78.89	79.78	78.85	78.41	79.23	79.75	79.24	

LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6			
Indirect	86.00			
Direct	88.00			
Final Attainment	87.60			

20
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE,

P. Prasad
 Co-ordinator
 IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : I

Subject : PHYSICS

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: SK. CATTAR

Semester: I

Course Code: PHY1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	89	38.93	51.30	92.00	59.44	65
CO2	89	38.93	51.30	90.00	59.04	65
CO3	89	38.93	51.30	88.00	58.64	65
CO4	89	38.93	51.30	86.00	58.24	65
CO5	89	38.93	51.30	90.00	59.04	65
CO6	89	38.93	51.30	86.00	58.24	65
CO7		96	96.00	86.00	94.00	65
CO8						
CO9						
CO10						

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	CO7	2	3	2	2	2	1	3	3	2	2	
		Total	15	17	15	16	15	16	14	15	15	14
		63.59	65.04	63.35	63.16	63.41	61.05	66.39	65.90	63.38	63.92	

LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7		
Indirect	86.00		
Direct	96.00		
Final Attainment	94.00		

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: B. SRINIVASA RAO

Semester: I

Course Code: PHY1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	79	22.8	36.60	92.00	47.68	65
CO2	79	22.8	36.60	90.00	47.28	65
CO3	80	22.8	36.90	88.00	47.12	65
CO4	80	22.8	36.90	86.00	46.72	65
CO5	80	22.8	36.90	90.00	47.52	65
CO6	80	22.8	36.90	86.00	46.72	65
CO7		93	93.00	86.00	91.60	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	3	2	1	2	3	2
CO7	2	3	2	2	2	1	3	3	2	2
Total	15	17	15	16	15	16	14	15	15	14
	53.19	55.06	52.99	52.72	53.06	50.01	56.75	56.14	53.03	53.62


LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86.00			
Direct	93.00			
Final Attainment	91.60			

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : 1

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: SK-SATTAR

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	89	35.6	48.60	92.00	57.28	65
CO2	89	35.6	48.60	90.00	56.88	65
CO3	89	35.6	48.90	88.00	56.72	65
CO4	89	35.6	48.90	86.00	56.32	65
CO5	90	35.6	49.20	90.00	57.36	65
CO6	90	35.6	49.20	86.00	56.56	65
CO7	90	35.6	49.20	86.00	56.56	65
CO8		88.6	88.60	84.00	87.68	65
CO9		88.6	88.60	90.00	88.88	65
CO10		88.6	88.60	88.00	88.48	65
CO11		88.6	88.60	84.00	87.68	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10		
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	1	2	3	2
	CO6	1	2	3	2	3	2	1	3	3	2	2
	CO7	2	3	2	2	2	1	3	3	2	2	2
	CO8	2	2	3	1	3	3	2	3	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2	2
	CO10	1	3	2	2	2	2	2	3	1	1	1
	CO11	1	3	2	2	2	2	2	3	1	1	1
	Total	22	26	24	24	25	25	23	26	23	21	21
	66.90	67.66	68.48	67.31	69.35	68.14	69.13	70.10	67.70	67.33		

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	88.60	88.60	88.60	88.60
Final Attainment	87.68	88.88	88.48	87.68

29

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C)

Year : 1

Subject : PHYSICS

Course Name: WAVE OPTICS

Semester: II

Course Code: PHY2S

Name of the Faculty:

V.PRASAD

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	82	23.87	38.50	92.00	49.20	65
CO2	82	23.87	38.50	90.00	48.80	65
CO3	82	23.87	38.50	88.00	48.40	65
CO4	82	23.87	38.50	86.00	48.00	65
CO5	82	23.87	38.50	90.00	48.80	65
CO6	82	23.87	38.50	86.00	48.00	65
CO7	82	23.87	38.50	86.00	48.00	65
CO8		85.8	85.80	84.00	85.44	65
CO9		85.8	85.80	90.00	86.64	65
CO10		85.8	85.80	88.00	86.24	65
CO11		85.8	85.80	84.00	85.44	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
Total		22	26	24	24	25	25	23	26	23	21
		60.51	61.42	62.42	61.00	63.42	62.01	63.17	64.32	61.46	61.01

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	85.80	85.80	85.80	85.80
Final Attainment	85.44	86.64	86.24	85.44

V. Prasad
Co-ordinator
IQAC

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: SK. SATTAR

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	52.4	62.70	92.00	68.56	65
CO2	95	52.4	62.70	90.00	68.16	65
CO3	94	52.4	62.40	88.00	67.52	65
CO4	94	52.4	62.40	86.00	67.12	65
CO5	94	52.4	62.40	90.00	67.92	65
CO6	94	52.4	62.40	86.00	67.12	65
CO7	94	52.4	62.40	86.00	67.12	65
CO8		93.6	93.60	84.00	91.68	65
CO9		93.6	93.60	90.00	92.88	65
CO10		93.6	93.60	88.00	92.48	65
CO11		93.6	93.60	84.00	91.68	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		75.60	76.13	76.75	75.86	77.42	76.55	77.29	78.02	76.13	75.90

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	93.60	93.60	93.60	93.60
Final Attainment	91.68	92.88	92.48	91.68

29
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty: V. PRASAD

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
			T	T		
CO1	79	38.8	49.00	92.00	57.60	65
CO2	79	38.8	49.00	90.00	57.20	65
CO3	80	38.8	49.30	88.00	57.04	65
CO4	80	38.8	49.30	86.00	56.64	65
CO5	79	38.8	48.70	90.00	56.96	65
CO6	79	38.8	48.70	86.00	56.16	65
CO7	79	38.8	48.70	86.00	56.16	65
CO8		79.8	79.80	84.00	80.64	65
CO9		79.8	79.80	90.00	81.84	65
CO10		79.8	79.80	88.00	81.44	65
CO11		79.8	79.80	84.00	80.64	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		64.68	65.22	65.86	65.00	66.52	65.64	66.39	67.09	65.25	64.96

LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	79.80	79.80	79.80	79.80
Final Attainment	80.64	81.84	81.44	80.64


 Co-ordinator
IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

29
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Semester: IV

Course Code: PHY4S

Name of the Faculty: SK. SATTAG

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	51.73	61.70	92.00	67.76	65
CO2	93	51.73	61.70	90.00	67.36	65
CO3	92	51.73	61.40	88.00	66.72	65
CO4	92	51.73	61.40	86.00	66.32	65
CO5	93	51.73	61.70	90.00	67.36	65
CO6	93	51.73	61.70	86.00	66.56	65
CO7		94.6	94.60	86.00	92.88	65
CO8						
CO9						
CO10						

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2
	CO2	3	3	3	1	1	3	2	1	2
	CO3	1	3	2	3	3	2	1	1	3
	CO4	2	1	3	3	2	3	2	3	2
	CO5	3	3	1	2	3	2	1	2	3
	CO6	1	2	3	2	3	2	1	2	3
	CO7	2	3	2	2	2	1	3	3	2
Total	15	17	15	16	15	16	14	15	15	14
	70.61	71.64	70.34	70.21	70.39	68.72	72.62	72.28	70.36	70.86

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	94.60			
Final Attainment	92.88			

29

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prada
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Semester: 5-P-5

Course Code: PHY5SA

Name of the Faculty: **V - PRASAD**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86	50.27	59.10	92.00	65.68	65
CO2	86	50.27	59.10	90.00	65.28	65
CO3	86	50.27	59.10	88.00	64.88	65
CO4	86	50.27	59.10	86.00	64.48	65
CO5	86	50.27	59.10	90.00	65.28	65
CO6	86	50.27	59.10	86.00	64.48	65
CO7	88	50.27	59.80	86.00	65.04	65
CO8		89	89.00	84.00	88.00	65
CO9		89	89.00	90.00	89.20	65
CO10		89	89.00	88.00	88.80	65
CO11		89	89.00	86.00	88.40	65
CO12		89	89.00	90.00	89.20	65
CO13		89	89.00	86.00	88.40	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
	Total		27	31	27	28	31	28	28	31	28
		75.64	75.70	75.42	75.19	77.20	75.18	76.91	77.25	75.97	75.93

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	89.00	89.00	89.00	89.00	89.00	89.00
Final Attainment	88.00	89.20	88.80	88.40	89.20	88.40

V Prasad
Co-ordinator

IQAC

29
Lecturer incharge Sri A.B.R. Govt. Degree College
Dept. of Physics REPALLE 522 265
 Sri A.B.R. Govt. Degree College Guntur. (Dt.), A.P.
 REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Semester: 5-P-5

Course Code: PHY5SA

Name of the Faculty: B. SRINIVASA RAO

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	88	47.87	58.00	92.00	64.80	65
CO2	88	47.87	58.00	90.00	64.40	65
CO3	88	47.87	58.00	88.00	64.00	65
CO4	88	47.87	58.00	86.00	63.60	65
CO5	89	47.87	58.30	90.00	64.64	65
CO6	89	47.87	58.30	86.00	63.84	65
CO7	88	47.87	58.10	86.00	63.68	65
CO8		89.2	89.20	84.00	88.16	65
CO9		89.2	89.20	90.00	89.36	65
CO10		89.2	89.20	88.00	88.96	65
CO11		89.2	89.20	86.00	88.56	65
CO12		89.2	89.20	90.00	89.36	65
CO13		89.2	89.20	86.00	88.56	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
Total	27	31	27	28	31	28	28	31	28	26	
	75.22	75.28	75.00	74.75	76.86	74.77	76.53	76.90	75.58	75.54	

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	89.20	89.20	89.20	89.20	89.20	89.20
Final Attainment	88.16	89.36	88.96	88.56	89.36	88.56

B. Srinivasa Rao
Co-ordinator

IQAC

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: SK. SATTAR

Semester: **V. P-6**

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87	64.8	70.00	92.00	74.40	65
CO2	87	64.8	70.00	90.00	74.00	65
CO3	87	64.8	70.30	88.00	73.84	65
CO4	87	64.8	70.30	86.00	73.44	65
CO5	87	64.8	70.30	90.00	74.24	65
CO6	87	64.8	70.30	86.00	73.44	65
CO7	87	64.8	70.30	86.00	73.44	65
CO8		88.8	88.80	84.00	87.84	65
CO9		88.8	88.80	90.00	89.04	65
CO10		88.8	88.80	88.00	88.64	65
CO11		88.8	88.80	84.00	87.84	65

PO Attainment


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2
	CO2	3	3	3	1	1	3	2	1	1
	CO3	1	3	2	3	3	2	3	2	2
	CO4	2	1	3	3	2	2	1	1	3
	CO5	3	3	1	2	2	3	2	3	2
	CO6	1	2	3	2	3	2	1	2	3
	CO7	2	3	2	2	2	1	3	3	2
	CO8	2	2	3	1	3	3	2	3	3
	CO9	3	1	2	3	3	2	3	2	3
	CO10	1	3	2	2	2	2	2	3	1
	CO11	1	3	2	2	2	2	2	3	1
	Total	22	26	24	24	25	25	23	26	23
	78.56	78.84	79.18	78.72	79.62	79.09	79.55	79.97	78.85	78.72


LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	88.80	88.80	88.80	88.80
Final Attainment	87.84	89.04	88.64	87.84


 Co-ordinator
IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.


 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: V. PRASAD

Semester: V- P-6

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	88	47.33	57.30	92.00	64.24	65
CO2	88	47.33	57.30	90.00	63.84	65
CO3	88	47.33	57.30	88.00	63.44	65
CO4	88	47.33	57.30	86.00	63.04	65
CO5	89	47.33	57.60	90.00	64.08	65
CO6	89	47.33	57.60	86.00	63.28	65
CO7	89	47.33	57.60	86.00	63.28	65
CO8		90.2	90.20	84.00	88.96	65
CO9		90.2	90.20	90.00	90.16	65
CO10		90.2	90.20	88.00	89.76	65
CO11		90.2	90.20	84.00	88.96	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		71.95	72.55	73.20	72.26	73.92	72.96	73.77	74.56	72.56	72.29

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	90.20	90.20	90.20	90.20
Final Attainment	88.96	90.16	89.76	88.96


 Co-ordinator
IQAC
 Lecturer incharge Sri A.B.R. Govt. Degree College
 Dept. of Physics REPALLE 522 265
 Sri A.B.R. Govt. Degree College Guntur (Dt.), A.P.
 REPALLE

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Name of the Faculty: V. PRASAD

Semester: VI

Course Code: PHY6S-7C

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	60	68.10	92.00	72.88	65
CO2	93	60	68.10	90.00	72.48	65
CO3	93	60	68.40	88.00	72.32	65
CO4	93	60	68.40	86.00	71.92	65
CO5	93	60	68.40	90.00	72.72	65
CO6		95.4	95.40	86.00	93.52	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	Total	13	14	13	14	13	15	11	12	13	12	
		74.15	75.52	77.23	75.45	77.31	75.32	74.41	76.07	77.28	76.09	

LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6			
Indirect	86.00			
Direct	95.40			
Final Attainment	93.52			

29

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.


Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Semester: VI

Course Code: PHY6S-7C

Name of the Faculty: B. SRINIVASA RAO

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	51.2	61.00	92.00	67.20	65
CO2	91	51.2	61.00	90.00	66.80	65
CO3	91	51.2	61.30	88.00	66.64	65
CO4	91	51.2	61.30	86.00	66.24	65
CO5	91	51.2	61.30	90.00	67.04	65
CO6		94.4	94.40	86.00	92.72	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
		68.84	70.54	72.68	70.47	72.76	70.29	69.18	71.21	72.73	71.22

LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6		
Indirect	86.00		
Direct	94.40		
Final Attainment	92.72		

29
Lecturer incharge
Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prasad
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C & M.P.CS)

Year : 3

Semester: VI

Subject : PHYSICS

Course Code: PHY6S-8C1

Course Name: SOLAR THERMAL AND PHOTOVOLTAIC ASPECTS

Name of the Faculty: P. P. S. D.

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	59.07	68.80	92.00	73.44	65
CO2	96	59.07	68.80	90.00	73.04	65
CO3	96	59.07	68.80	88.00	72.64	65
CO4	96	59.07	68.80	86.00	72.24	65
CO5	96	59.07	68.80	90.00	73.04	65
CO6		98.00	98.00	86.00	95.60	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	Total	13	14	13	14	13	15	11	12	13	12
		74.71	76.18	78.03	76.09	78.09	75.97	74.98	76.77	78.06	76.80

LABORATORY COURSE ATTAINMENT

Course Name: SOLAR THERMAL & PHOTOVOLTAIC ASPECTS

Course Code: PHY6SP-8C1

	CO6			
Indirect	86.00			
Direct	98.00			
Final Attainment	95.60			

P. P. S. D.
Co-ordinator

IQAC

29
Lecturer incharge Sri A.B.R. Govt. Degree College
Dept. of Physics REPALLE 522 265
 Sri A.B.R. Govt. Degree College Guntur (Dt.), A.P.
 REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C & M.P.CS)

Year : I

Subject : PHYSICS

Course Name: WIND, HYDRO & OCEAN ENERGIES

Semester: VI

Course Code: PHY6S-8C2

Name of the Faculty: B. SRINIVASA RAO

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	61.33	70.20	92.00	74.56	65
CO2	95	61.33	70.20	90.00	74.16	65
CO3	93	61.33	69.60	88.00	73.28	65
CO4	93	61.33	69.60	86.00	72.88	65
CO5	93	61.33	69.60	90.00	73.68	65
CO6		96	96.00	86.00	94.00	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	Total	13	14	13	14	13	15	11	12	13	12	
		75.40	76.67	78.30	76.55	78.33	76.50	75.59	77.19	78.30	77.27	

LABORATORY COURSE ATTAINMENT

Course Name: WIND, HYDRO & OCEAN ENERGIES

Course Code: PHY6SP - 8C2

	CO6			
Indirect	86.00			
Direct	96.00			
Final Attainment	94.00			

29
 Lecturer incharge
Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prada
 Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2020-21

Programme: B.Sc(M.P.C & M.P.CS)

Year : III

Subject : PHYSICS

Course Name: ENERGY STORAGE DEVICES

Name of the Faculty: S.K. SATTAR

Semester: VI- P-8C3

Course Code: PHY6S-8C3

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	95	78.93	83.00	92.00	84.80	65
CO2	95	78.93	83.00	90.00	84.40	65
CO3	96	78.93	83.60	88.00	84.48	65
CO4	96	78.93	83.60	86.00	84.08	65
CO5	96	78.93	83.60	90.00	84.88	65
CO6		97.4	97.40	86.00	95.12	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	Total	13	14	13	14	13	15	11	12	13	12	
		85.38	86.09	86.88	86.03	86.98	85.97	85.53	86.39	86.95	86.39	

LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO6			
Indirect	86.00			
Direct	97.40			
Final Attainment	95.12			

29

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

P. Prasad
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : I

Subject : PHYSICS

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: D. Sampurna Prasad

Semester: I

Course Code: PHY1S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	94	63.33	69.80	92.00	74.24	65
CO2	94	63.33	69.80	90.00	73.84	65
CO3	94	63.33	69.80	88.00	73.44	65
CO4	94	63.33	69.80	86.00	73.04	65
CO5	93	63.33	69.20	90.00	73.36	65
CO6	93	63.33	69.20	86.00	72.56	65
CO7		92.6	92.60	86.00	91.28	65
CO8						
CO9						
CO10						

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total		15	17	15	16	15	16	14	15	15
		75.93	76.61	75.69	75.65	75.71	74.61	77.33	77.03	75.69	76.05


LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86.00			
Direct	92.60			
Final Attainment	91.28			


 Lecturer in Charge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.


 Co-ordinator
IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : I

Subject : PHYSICS

Semester: I

Course Code: PHY1S

Course Name: MECHANICS AND PROPERTIES OF MATTER

Name of the Faculty: SK. SATTAR

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	65	45.6	49.90	92.00	58.32	65
CO2	65	45.6	49.90	90.00	57.92	65
CO3	66	45.6	50.50	88.00	58.00	65
CO4	66	45.6	50.50	86.00	57.60	65
CO5	63	45.6	49.00	90.00	57.20	65
CO6	63	45.6	49.00	86.00	56.40	65
CO7		69.4	69.40	86.00	72.72	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total	15	17	15	16	15	16	14	15	15	14
		59.69	60.27	59.51	59.52	59.52	58.57	60.93	60.60	59.49	59.73

LABORATORY COURSE ATTAINMENT

Course Name: MECHANICS AND PROPERTIES OF MATTER

Course Code: PHY1SP

	CO7			
Indirect	86.00			
Direct	69.40			
Final Attainment	72.72			

SKS
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

P. Prada
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 1

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty:

D.SAMPURNA RAO

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87	57.47	63.70	92.00	69.36	65
CO2	87	57.47	63.70	90.00	68.96	65
CO3	89	57.47	64.30	88.00	69.04	65
CO4	89	57.47	64.30	86.00	68.64	65
CO5	91	57.47	65.20	90.00	70.16	65
CO6	91	57.47	65.20	86.00	69.36	65
CO7	91	57.47	65.20	86.00	69.36	65
CO8		92	92.00	84.00	90.40	65
CO9		92	92.00	90.00	91.60	65
CO10		92	92.00	88.00	91.20	65
CO11		92	92.00	84.00	90.40	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	2	3	1
	CO11	1	3	2	2	2	2	2	2	3	1
Total		22	26	24	24	25	25	23	26	23	21
		76.23	76.76	77.28	76.51	77.94	77.06	77.78	78.47	76.80	76.55


LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	92.00	92.00	92.00	92.00
Final Attainment	90.40	91.60	91.20	90.40


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.),-A.P.


Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : 1

Subject : PHYSICS

Course Name: WAVE OPTICS

Name of the Faculty:

SHAIK SATTAR

Semester: II

Course Code: PHY2S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	77	31.2	39.90	92.00	50.32	65
CO2	77	31.2	39.90	90.00	49.92	65
CO3	76	31.2	39.60	88.00	49.28	65
CO4	76	31.2	39.60	86.00	48.88	65
CO5	77	31.2	39.90	90.00	49.92	65
CO6	77	31.2	39.90	86.00	49.12	65
CO7	77	31.2	39.90	86.00	49.12	65
CO8		84.4	84.40	84.00	84.32	65
CO9		84.4	84.40	90.00	85.52	65
CO10		84.4	84.40	88.00	85.12	65
CO11		84.4	84.40	84.00	84.32	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		60.89	61.73	62.65	61.31	63.60	62.28	63.37	64.46	61.75	61.36


LABORATORY COURSE ATTAINMENT

Course Name: WAVE OPTICS

Course Code: PHY3SP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	84.40	84.40	84.40	84.40
Final Attainment	84.32	85.52	85.12	84.32


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.


Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: HEAT & THERMODYNAMICS

Name of the Faculty: SK. SATTAR

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	52.4	62.20	92.00	68.16	65
CO2	93	52.4	62.20	90.00	67.76	65
CO3	93	52.4	62.20	88.00	67.36	65
CO4	93	52.4	62.20	86.00	66.96	65
CO5	93	52.4	62.50	90.00	68.00	65
CO6	93	52.4	62.50	86.00	67.20	65
CO7		95	95.00	86.00	93.20	65
CO8						
CO9						
CO10						

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	
	CO2	3	3	3	1	1	3	2	1	1	
	CO3	1	3	2	3	3	2	3	2	2	
	CO4	2	1	3	3	2	2	1	1	3	
	CO5	3	3	1	2	2	3	2	3	2	
	CO6	1	2	3	2	3	2	1	2	3	
	CO7	2	3	2	2	2	1	3	3	2	
	Total	15	17	15	16	15	16	14	15	15	14
	71.11	72.16	70.87	70.75	70.94	69.25	73.12	72.79	70.91	71.37	

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	95.00			
Final Attainment	93.2			

(Signature)
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

(Signature)
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: HEAT A& THERMODYNAMICS

Name of the Faculty: V.PRASAD

Semester: III

Course Code: PHY3S

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	80	26.4	38.60	92.00	49.28	65
CO2	80	26.4	38.60	90.00	48.88	65
CO3	81	26.4	38.90	88.00	48.72	65
CO4	81	26.4	38.90	86.00	48.32	65
CO5	81	26.4	39.20	90.00	49.36	65
CO6	81	26.4	39.20	86.00	48.56	65
CO7		80.4	80.40	86.00	81.52	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	Total	15	17	15	16	15	16	14	15	15	14
		53.30	54.67	53.09	52.92	53.18	50.96	55.90	55.48	53.15	53.63

LABORATORY COURSE ATTAINMENT

Course Name: THERMODYNAMICS AND RADIATION PHYSICS

Course Code: PHY4SP

	CO7			
Indirect	86.00			
Direct	80.40			
Final Attainment	81.52			

V. Prasad
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

V. Prasad
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Semester: 4-P-4

Course Code: PHY5SA

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Name of the Faculty: A.KOTESWARA RAO

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	91	54.67	63.30	92.00	69.04	65
CO2	91	54.67	63.30	90.00	68.64	65
CO3	91	54.67	63.30	88.00	68.24	65
CO4	91	54.67	63.30	86.00	67.84	65
CO5	93	54.67	64.20	90.00	69.36	65
CO6	93	54.67	64.20	86.00	68.56	65
CO7	94	54.67	64.70	86.00	68.96	65
CO8		95.6	95.60	84.00	93.28	65
CO9		95.6	95.60	90.00	94.48	65
CO10		95.6	95.60	88.00	94.08	65
CO11		95.6	95.60	86.00	93.68	65
CO12		95.6	95.60	90.00	94.48	65
CO13		95.6	95.60	86.00	93.68	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
	Total	27	31	27	28	31	28	28	31	28	26
		80.00	80.10	79.78	79.51	81.70	79.51	81.37	81.78	80.39	80.36

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	95.60	95.60	95.60	95.60	95.60	95.60
Final Attainment	93.28	94.48	94.08	93.68	94.48	93.68

(Signature)
Lecturer in charge
Dept. of Physics
Sri A.B.R. Govt. Degree College

(Signature)
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Semester: 4-P-4

Course Code: PHY55A

Name of the Faculty: **SHAIK SATTAR**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	81	49.2	56.90	92.00	63.92	65
CO2	81	49.2	56.90	90.00	63.52	65
CO3	82	49.2	57.20	88.00	63.36	65
CO4	82	49.2	57.20	86.00	62.96	65
CO5	83	49.2	57.50	90.00	64.00	65
CO6	83	49.2	57.50	86.00	63.20	65
CO7	87	49.2	59.30	86.00	64.64	65
CO8		93.8	93.80	84.00	91.84	65
CO9		93.8	93.80	90.00	93.04	65
CO10		93.8	93.80	88.00	92.64	65
CO11		93.8	93.80	86.00	92.24	65
CO12		93.8	93.80	90.00	93.04	65
CO13		93.8	93.80	86.00	92.24	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
	Total		27	31	27	28	31	28	28	31	28
		76.57	76.71	76.36	76.04	78.53	75.99	78.19	78.62	77.03	76.97

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY55AP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	93.80	93.80	93.80	93.80	93.80	93.80
Final Attainment	91.84	93.04	92.64	92.24	93.04	92.24

P. Prada
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 2

Subject : PHYSICS

Course Name: MODERN PHYSICS

Semester: IV

Course Code: PHY5SB

Name of the Faculty: **D.SAMPURNA RAO**

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	51.87	61.40	92.00	67.52	65
CO2	93	51.87	61.40	90.00	67.12	65
CO3	94	51.87	61.70	88.00	66.96	65
CO4	94	51.87	61.70	86.00	66.56	65
CO5	96	51.87	62.60	90.00	68.08	65
CO6	96	51.87	62.60	86.00	67.28	65
CO7	96	51.87	62.60	86.00	67.28	65
CO8		95.4	95.40	84.00	93.12	65
CO9		95.4	95.40	90.00	94.32	65
CO10		95.4	95.40	88.00	93.92	65
CO11		95.4	95.40	84.00	93.12	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total		22	26	24	24	25	25	23	26	23
		75.74	76.39	77.04	76.07	77.80	76.76	77.62	78.46	76.42	76.13


LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	95.40	95.40	95.40	95.40
Final Attainment	93.12	94.32	93.92	93.12


Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.


Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : 2

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty:

A.KOTESWARA RAO

Semester: IV

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	86	47.07	56.90	92.00	63.92	65
CO2	86	47.07	56.90	90.00	63.52	65
CO3	86	47.07	56.90	88.00	63.12	65
CO4	86	47.07	56.90	86.00	62.72	65
CO5	86	47.07	56.90	90.00	63.52	65
CO6	86	47.07	56.90	86.00	62.72	65
CO7	86	47.07	56.90	86.00	62.72	65
CO8		93.8	93.80	84.00	91.84	65
CO9		93.8	93.80	90.00	93.04	65
CO10		93.8	93.80	88.00	92.64	65
CO11		93.8	93.80	84.00	91.84	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2
	CO2	3	3	3	1	1	3	2	1	1
	CO3	1	3	2	3	3	2	3	2	2
	CO4	2	1	3	3	2	2	1	1	3
	CO5	3	3	1	2	2	3	2	3	2
	CO6	1	2	3	2	3	2	1	2	3
	CO7	2	3	2	2	2	1	3	3	2
	CO8	2	2	3	1	3	3	2	3	3
	CO9	3	1	2	3	3	2	3	2	3
	CO10	1	3	2	2	2	2	2	3	1
	CO11	1	3	2	2	2	2	2	3	1
	Total		22	26	24	24	25	25	23	26
		72.59	73.26	74.02	72.94	74.82	73.73	74.64	75.52	73.28

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	93.80	93.80	93.80	93.80

(Signature)
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

(Signature)
Co-ordinator
IQAC
Sri A.B.R. Govt. Degree College
REPALLE - 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Semester: 5-P-5

Course Code: PHYSSA

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Name of the Faculty: A. KOTESO A.B.A.AO

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	89	52.93	61.40	92.00	67.52	65
CO2	89	52.93	61.40	90.00	67.12	65
CO3	89	52.93	61.40	88.00	66.72	65
CO4	89	52.93	61.40	86.00	66.32	65
CO5	91	52.93	62.60	90.00	68.08	65
CO6	91	52.93	62.60	86.00	67.28	65
CO7	92	52.93	63.10	86.00	67.68	65
CO8		95	95.00	84.00	92.80	65
CO9		95	95.00	90.00	94.00	65
CO10		95	95.00	88.00	93.60	65
CO11		95	95.00	86.00	93.20	65
CO12		95	95.00	90.00	94.00	65
CO13		95	95.00	86.00	93.20	65

PO Attainment


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
Total	27	31	27	28	31	28	28	31	28	26	
	79.00	79.11	78.78	78.49	80.77	78.49	80.42	80.85	79.41	79.38	


LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHYSSAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	95.00	95.00	95.00	95.00	95.00	95.00
Final Attainment	92.80	94.00	93.60	93.20	94.00	93.20


 Co-ordinator
IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.


 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Name of the Faculty: P. KOTESWARAO

Semester: 5-P-5

Course Code: PHY5SA

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	83	50.27	58.20	92.00	64.96	65
CO2	83	50.27	58.20	90.00	64.56	65
CO3	83	50.27	58.20	88.00	64.16	65
CO4	83	50.27	58.20	86.00	63.76	65
CO5	83	50.27	58.50	90.00	64.80	65
CO6	83	50.27	58.50	86.00	64.00	65
CO7	87	50.27	60.30	86.00	65.44	65
CO8		94	94.00	84.00	92.00	65
CO9		94	94.00	90.00	93.20	65
CO10		94	94.00	88.00	92.80	65
CO11		94	94.00	86.00	92.40	65
CO12		94	94.00	90.00	93.20	65
CO13		94	94.00	86.00	92.40	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	2	3	2	1	2	1	2	2	2	2
	CO12	3	2	1	2	3	2	3	3	3	1
	CO13	1	3	2	3	3	2	2	3	1	3
	Total		27	31	27	28	31	28	28	31	28
		77.14	77.26	76.92	76.60	79.02	76.57	78.70	79.12	77.56	77.52

LABORATORY COURSE ATTAINMENT

Course Name: ELECTRICITY, MAGNETISM & ELECTRONICS

Course Code: PHY5SAP

	CO8	CO9	CO10	CO11	CO12	CO13
Indirect	84.00	90.00	88.00	86.00	90.00	86.00
Direct	94.00	94.00	94.00	94.00	94.00	94.00
Final Attainment	92.00	93.20	92.80	92.40	93.20	92.40

P. Prasad
Co-ordinator
IQAC

P. Prasad
Lecturer incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

Sri A.B.R. Govt. Degree College
REPALLE - 522 265
Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: ~~A. K. TE~~ D. SAMPO ANAARD

Semester: V, P-5

Course Code: PHY5SB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	93	52.8	61.90	92.00	67.92	65
CO2	93	52.8	61.90	90.00	67.52	65
CO3	93	52.8	62.20	88.00	67.36	65
CO4	93	52.8	62.20	86.00	66.96	65
CO5	95	52.8	62.80	90.00	68.24	65
CO6	95	52.8	62.80	86.00	67.44	65
CO7	95	52.8	62.80	86.00	67.44	65
CO8		95	95.00	84.00	92.80	65
CO9		95	95.00	90.00	94.00	65
CO10		95	95.00	88.00	93.60	65
CO11		95	95.00	84.00	92.80	65

PO Attainment


		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
Total		22	26	24	24	25	25	23	26	23	21
		75.85	76.47	77.11	76.17	77.85	76.85	77.68	78.48	76.50	76.21

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHY5SBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	95.00	95.00	95.00	95.00
Final Attainment	92.8	94	93.6	92.8


 Lecturer in Charge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.


 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C)

Year : 3

Subject : PHYSICS

Course Name: MODERN PHYSICS

Name of the Faculty: D. SAMPOANA APO

Semester: V - P-6

Course Code: PHYSSB

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	87	48.53	58.30	92.00	65.04	65
CO2	87	48.53	58.30	90.00	64.64	65
CO3	87	48.53	58.30	88.00	64.24	65
CO4	87	48.53	58.30	86.00	63.84	65
CO5	87	48.53	58.30	90.00	64.64	65
CO6	87	48.53	58.30	86.00	63.84	65
CO7	87	48.53	58.30	86.00	63.84	65
CO8		93.8	93.80	84.00	91.84	65
CO9		93.8	93.80	90.00	93.04	65
CO10		93.8	93.80	88.00	92.64	65
CO11		93.8	93.80	84.00	91.84	65

PO Attainment

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3
	CO2	3	3	3	1	1	3	2	1	1	2
	CO3	1	3	2	3	3	2	3	2	2	1
	CO4	2	1	3	3	2	2	1	1	3	1
	CO5	3	3	1	2	2	3	2	3	2	3
	CO6	1	2	3	2	3	2	1	2	3	2
	CO7	2	3	2	2	2	1	3	3	2	2
	CO8	2	2	3	1	3	3	2	3	3	3
	CO9	3	1	2	3	3	2	3	2	3	2
	CO10	1	3	2	2	2	2	2	3	1	1
	CO11	1	3	2	2	2	2	2	3	1	1
	Total	22	26	24	24	25	25	25	26	23	21
	73.35	73.99	74.72	73.69	75.49	74.45	75.32	76.16	74.01	73.71	

LABORATORY COURSE ATTAINMENT

Course Name: MODERN PHYSICS

Course Code: PHYSSBP

	CO8	CO9	CO10	CO11
Indirect	84.00	90.00	88.00	84.00
Direct	93.80	93.80	93.80	93.80
Final Attainment	91.84	93.04	92.64	91.84

P. Prada
 Co-ordinator
 IQAC

Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.

ASPO
 Lecturer incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: RENEWABLE ENERGY

Name of the Faculty: A. KOTESWARA RAO

Semester: VI

Course Code: PHY6S-7C

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT T	INDIRECT ATTAINMENT T	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	55.87	65.60	92.00	70.88	65
CO2	96	55.87	65.60	90.00	70.48	65
CO3	97	55.87	66.20	88.00	70.56	65
CO4	97	55.87	66.20	86.00	70.16	65
CO5	98	55.87	66.50	90.00	71.20	65
CO6		95.6	95.60	86.00	93.68	65

PO Attainment


	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO1	3	2	1	3	2	3	2	3	2	3
CO2	3	3	3	1	1	3	2	1	1	2
CO3	1	3	2	3	3	2	3	2	2	1
CO4	2	1	3	3	2	2	1	1	3	1
CO5	3	3	1	2	2	3	2	3	2	3
CO6	1	2	3	2	3	2	1	2	3	2
Total	13	14	13	14	13	15	11	12	13	12
	72.48	74.00	75.86	73.93	75.98	73.77	72.79	74.61	75.94	74.61


LABORATORY COURSE ATTAINMENT

Course Name: RENEWABLE ENERGY

Course Code: PHY6SP-7C

	CO6			
Indirect	86.00			
Direct	95.60			
Final Attainment	93.68			


 Co-ordinator
 IQAC
 Sri A.B.R. Govt. Degree College
 REPALLE 522 265
 Guntur (Dt.), A.P.


 Lecturer Incharge
 Dept. of Physics
 Sri A.B.R. Govt. Degree College
 REPALLE.

SRI A.B.R GOVERNMENT DEGREE COLLEGE, REPALLE
DEPARTMENT OF PHYSICS
ACADEMIC YEAR: 2021-22

Programme: B.Sc(M.P.C & M.P.CS)

Year : 3

Subject : PHYSICS

Course Name: SOLAR THERMAL AND PHOTOVOLTAIC ASPECTS

Name of the Faculty: *A. R. Tejasa Rao*

Semester: VI

Course Code: PHY6S-8C1

CO ATTAINMENT	INTERNAL MARKS %	EXTERNAL MARKS %	DIRECT ATTAINMENT	INDIRECT ATTAINMENT	FINAL ATTAINMENT %	EXPECTED LEVEL of ATTAINMENTS %
CO1	96	38.67	53.10	90.00	60.48	65
CO2	96	38.67	53.10	80.00	58.48	65
CO3	96	38.67	53.10	85.00	59.48	65
CO4	96	38.67	53.10	80.00	58.48	65
CO5	96	38.67	53.10	90.00	60.48	65
CO6		96.60	96.60	85.00	94.28	65

PO Attainment

		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	
Direct Attainment	CO1	3	2	1	3	2	3	2	3	2	3	
	CO2	3	3	3	1	1	3	2	1	1	2	
	CO3	1	3	2	3	3	2	3	2	2	1	
	CO4	2	1	3	3	2	2	1	1	3	1	
	CO5	3	3	1	2	2	3	2	3	2	3	
	CO6	1	2	3	2	3	2	1	2	3	2	
	Total	13	14	13	14	13	15	11	12	13	12	
		62.23	64.52	67.20	64.52	67.59	64.19	62.73	65.61	67.51	65.53	

LABORATORY COURSE ATTAINMENT

Course Name: SOLAR THERMAL & PHOTOVOLTAIC ASPECTS

Course Code: PHY6SP-8C1

	CO6			
Indirect	85.00			
Direct	96.60			
Final Attainment	94.28			

(Signature)
Lecturer Incharge
Dept. of Physics
Sri A.B.R. Govt. Degree College
REPALLE.

(Signature)
Co-ordinator
IQAC

Sri A.B.R. Govt. Degree College
REPALLE 522 265
Guntur (Dt.), A.P.

