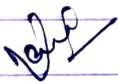


Academic year 2024-25

Notice.


Date: 21-1-2025

We, the department of physics want to start "Value added Course" on "Experimental physics" for this academic year 2024-25. (Hence) In this course we will explain ^{basic} experimental techniques needed to the students. (The course will start in the month January & February 2025). Hence we are requesting you to give Permission to start the add on course, in physics department.



HOD.

HEAD
Department of Physics
Department of Physics
Telangana Tribal Welfare
Degree College for Women
Rajanna Sircilla-505405
Rajanna Sircilla-505405


Principal
G.T.W.R.D.C.(W)
THANGALLAPALLY
Dist: Rajanna Sircilla (T.G)

Course Outline:

Course Name — Experimental physics

Eligibility — All physical science students

Last date for registration — 27-01-2025

Course duration — 30 hours

Exam date — 8-3-2025

Course Co-ordinator — K. Vanisri, Dlin physics.

Experimental Physics:-

Syllabus:

- 1) Experiments on Mechanics :- Young's modulus of a metallic bar, Spring constant, and moment of inertia, Compound pendulum, simple pendulum.
- 2) Experiments on electricity & Magnetism :-
Experiments on LR, RC, LC circuits and mutual inductance.
- 3) Experiments on reflection, refraction, dispersion, interference, diffraction, polarization & photoelectric effect.

Evaluation procedure:-

Evaluation process is carried out using marks system. The Grade given on the basis of total theoretical & experimental examination marks.

Theory \rightarrow 30 marks

Practical \rightarrow 20 marks.

Grade division

S.No.	Range of marks	Grades
1.	40-50M	A
2.	30-40M	B
3.	20-30M	C
4.	< 20marks	D

HOD.

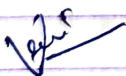
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Principal
Principal
V.G.T.W.R.D.C.(W)
THANGALLAPALLY
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Course Outcomes:-

On completion of this course, the student will be able to

- 1) Design & perform an experiment to test a physical theory - identifying, quantifying and controlling sources of experimental error.
- 2) Analysis and critical review of experimental data and comparison with theory or literature as appropriate.
- 3) Present a complete, reproducible written (or) oral account of an experiment and the conclusions drawn from it, to a professional standard, incorporating figures, tables, and graphs where appropriate.
- 4) Resolve conceptual and technical difficulties by locating and integrating relevant information from a diverse range of sources.



Faculty Sign.
 HEAD
 Department of Physics
 Telangana Tribal Welfare Residential
 Degree College for Women
 Rajanna Sircilla-505405



Principal
 V.G.T.W.R.D.C. (W)
 THANGALLAPALLY
 Dist: Rajanna Sircilla (T.G)

Names of the enrolled students:-

MPCs - III Year

S.No.	Name of the student	H.T. Number	Signature
1.	Battu Vasantha	220771004681005	B. vasantha
2.	B. Saswika	- 1006	B. saswika
3.	Bhukya Rajeswari	- 1007	B. Rajeswari
4.	B. Sravani	- 1008	B. sravani
5.	Daravath Shrisisha	- 1009	D. shrisisha
6.	G. shrisisha	- 1010	G. shrisisha
7.	Daravath Nandhini	- 1010	D. nandhini
8.	Guguloth Nikhitha	- 1012	G. nikhitha
9.	Guguloth Sandhya	- 1013	G. sandhya
10.	Gunthi Ravalika	- 1014	G. Ravalika



Telangana Tribal Welfare Residential Degree College for Women,
Sircilla



CERTIFICATE


OF ACHIEVEMENT


THIS CERTIFICATE IS AWARDED TO :

Miss _____



for the successful completion of the value added course on
"Experimental Physics" conducted by the "Department of Physics" for
the academic year 2024-25 for 30 Hours and attended exam and
assignments. The participant has obtained Grade _____


K. Vanaja
HOD
Department of Physics
Telangana Tribal Welfare Residential
Degree College for Women
Rajanna Sircilla-505405


G. Jayapal
PRINCIPAL
T. W. R. D. C. (W)
THANGALLAPALLY
Dist: Rajanna Sircilla (T.S.)

Student Attendance

Student Group 28/1/25 29/ 30/1, 31/1 1/2 3/2 4/2 5/2 6/2 7/2 8/2 10/2 11/2 12/2

Name	MPG-III	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1) B. Vasantha	MPG-III	1	2	3	4	5	6	7	8	9	10	11	12	13	14
2) B. Saswika	"	1	Ab	Ab	Ab	Ab	2	3	4	5	6	7	8	9	14
3) B. Rajeswari	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
4) B. Sravan	"	1	2	3	4	5	6	7	8	9	Ab	Ab	Ab	Ab	Ab
5) D. Shrinika	"	1	2	3	4	5	6	7	8	9	Ab	Ab	Ab	Ab	Ab
6) G. Shrinika	"	1	2	3	4	5	6	7	8	9	10	11	Ab	12	13
7) D. Nandhini	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
8) G. Nithika	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14
9) G. Saranya	"	Ab	Ab	Ab	1	2	3	4	5	6	7	8	9	10	11
10) G. Ravalika	"	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Name of the Student	13/2	14/2	15/2	17/2	18/2	19/2	20/2	21/2	22/2	23/2	24/2	25/2	26/2	1/3	3/3	4/3	5/3
1) B. Vasantha	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
2) B. Saswika	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
3) B. Rajeswari	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
4) B. Sravani	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
5) D. Shristha	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
6) G. Shristha	Ab	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Ab
7) D. Nandhini	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	Ab	15	16	17	18	19	20	21
8) G. Nikhitha	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
9) G. Sandhya	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	
10) S. Ravatika	15	16	17	18	19	Ab	Ab	Ab	Ab	Ab	Ab	20	21	22	23	24	

Grades obtained

S.No.	Name of the Student	H.T. NO.	Grade Mark Obtained	Mark Grade Obtained
1.	B. Vasantha	2207710468 1005	A	45
2.	B. Saswika	- 1006	B	37
3.	B. Rajeswari	- 1007	B	36
4.	B. Sravani	- 1008	A	46
5.	D. Shirisha	- 1009	B	35 38
6.	G. Shirisha	- 1011	B	35
7.	D. Nandhini	- 1010	B	34
8.	G. Nithitha	- 1012	A	45
9.	G. Sandhya	- 1013	A	42
10.	G. Ravalika	- 1014	B	32

[Signature]
Course co-ordinator

[Signature]
HOD Sign
HEAD
Department of Physics
Telangana Tribal Welfare Residential
Degree College for Women
Rajanna Sircilla-505405

[Signature]
Principal
Principal
T.G.T.W.R.D.C. (W)
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