

**SRI MEENAKSHI GOVERNMENT ARTS COLLEGE FOR WOMEN (AUTONOMOUS),
MADURAI-2**

UG PHYSICS BOARD OF STUDIES

The following are the resolutions of the UG Physics Board of Studies meeting held on 10.08.2023 in the department of Physics.

1. It is resolved to follow the TANSICHE syllabus from the academic year 2023 – 2024.
2. Total no. of credits for the B.Sc Physics programmes should be 140. Total no. of courses for B.Sc Physics programme should be 46 with a maximum of 4600 marks.
3. Allied Physics paper for other departments (Chemistry and Mathematics) shall be offered as Generic Elective Courses (GEC).
4. Department of Physics can offer core paper instead of core industry module in Semester IV.
5. The list of GEC and DSEC (Discipline Specific Elective Course) offered by the department can be enclosed after the template in their respective syllabus.
6. The following question pattern with uniform distribution of marks from all 5 units to be followed:
 - Part A**
MCQs $10 \times 1 = 10$ or $5 \times 2 = 10$
 - Part B (Internal choice - either/or)**
 $5 \times 5 = 25$
 - Part C (Internal choice - either/ or)**
 $5 \times 8 = 40$
7. Practical for core courses shall have examinations semester-wise and practicals offered as GEC shall have year-end examinations. It was decided to have **25** marks for Internals and **75** marks for External Practical exam.
8. All Part IV and Part V papers will have internal question settings and evaluation as exist.
9. Students are expected to undergo Summer Internship/ Industrial training for a minimum of 30 hours in the semesters mentioned in the template.
10. Evaluation pattern for Internship shall be as follows:

Attendance (mandatory)	- 40 marks
Field work and performance	- 40 marks
Report writing	- 20 marks

11. Extension activities should be carried out after the class hours for a minimum of 15 hours.
12. Evaluation pattern for Extension Activity shall be as follows:
- | | |
|---------------|------------|
| Attendance | - 50 marks |
| Participation | - 25 marks |
| Report | - 25 marks |
13. Naan Mudhalvan course workload for the present second and third year students (2023-2024) shall be taken care by the respective departments. Skill Based courses can be replaced with Naan Mudhalvan courses for the III and V semesters. If there are no Skill Based papers 2 hours can be compensated from core and elective papers offered by the respective departments and the same shall be ratified in the forthcoming BoS.

Naan Mudhalvan course for 2hours-2credits offered in Semester III can be replaced with one hour from the core course Physical and Laser Optics and one hour from Major Practical Paper-II.

Naan Mudhalvan course for 2hours-2credits offered in Semester V can be replaced with one hour from the core course Atomic Physics and one hour from the elective course Opto electronics and fiber optic communication.

S.No.	Semester	Hours adjusted in	Existing		After replacing	
			Hours	Credits	Hours	Credits
1	III	U22CP5- Physical and Laser Optics	6	5	5	4
		U22CP6P-Major Practical Paper-II	3	-	2	-
	IV	U22CP6P-Major Practical Paper-II	3	3	3	2
2	V	P52-Atomic Physics	5	5	4	4
		EP52-Optoelectronics and fiber optic Communication	5	5	4	4

14. The same syllabus will be followed for the II and III year students.

15. Ratification for the Naan Mudhalvan courses offered in the previous semesters (2022-2023) to be done as follows

NAAN MUDHALVAN RATIFICATION FOR THE ACADEMIC YEAR 2022-2023

Naan Mudhalvan course for 2hours-2credits offered in Semester IV can be replaced with one hour each from the core courses Mathematical Physics & Physical and Laser Optics.

Naan Mudhalvan course for 2hours-2credits offered in Semester VI can be replaced with one hour from the core course Digital Electronics and one hour from the elective course Nuclear Physics.

S.No.	Semester	Hours adjusted in	Existing		After replacing	
			Hours	Credits	Hours	Credits
1	IV	P41-Mathematical Physics	4	4	3	3
		P42- Physical and Laser Optics	4	4	3	3
2	VI	P61-Digital Electronics	5	5	4	4
		EP63-Nuclear Physics	5	5	4	4

16. Value-Added courses are offered as optional papers in the III and IV semesters shall be continued for the present II year UG students (2023-2024).

SUGESSTIONS GIVEN BY THE SUBJECT EXPERTS

GENERIC ELECTIVE COURSE

For Generic Elective Course, Course Material and Question bank can be prepared by the Department and it can be sent to the external examiner.

BOARD OF STUDIES MEETING

10.08.2023 FN

The following members attended the UG Board of studies on 10.08.2023 FN, at 9.30 P.M. in the Department of Physics.

S.NO	NAME	CLASSIFICATION	ADDRESS	SIGNATURE
1.	Dr. ANITHA. K	University Nominee	Head of the Department School of Physics Madurai Kamaraj University, Palkalai Nagar, Madurai -625 021.	<i>Anitha</i> 10/8/23
2.	Dr. JOHNSON NAVAMANI .S	Subject Expert	Associate professor, Department of physics, Pope's college (A), Savyerpuram- 628251.	<i>J. Navamani</i> 10/8/23
3.	Dr. MAHALAKSHMI .S	Subject Expert	Associate Professor, Department of Physics, Raja Douraisingam Government Arts College, Sivaganga – 630561.	<i>M. Mahalakshmi</i> 10/8/23
4.	Dr. KAVITHA. M	Alumna	Associate Professor and Head, Department of Physics, SermathaiVasan College, Madurai– 625012	<i>K. Kavitha</i> 10/8/23
5.	Dr. NAGARANI. N	HOD of Physics	HOD of Physics, Sri Meenakshi Govt. Arts College For Women (A), Madurai -02.	<i>N. Nagarani</i> 10/8/23
6.	Dr. KRISHNABAMA. G	Faculty member	Associate Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai.-02.	<i>K. Krishnabama</i> 10.8.23
7.	Dr. CHITRA. J.S.P	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	<i>C. J. S. P.</i> 10/8/23
8.	Dr. SANTHI. M	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	<i>S. Santhi</i> 10.08.2023
9.	Dr. MAHALAKSHMI. M	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	<i>M. Mahalakshmi</i> 10/8/23
10.	Dr. VIJAYALAKSHMI. R	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	<i>V. Vijayalakshmi</i> 10.08.22

11.	Dr. SELVARANI. G	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	G. Shri 10/8/23
12.	Mrs. MEENAKSHI. S.V	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	J. Meenal 10/8/23
13.	Dr. LILLY MARY EUCARISTA. K	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	K. Lilly 10/8/23
14.	Dr. KARUNANITHI. U	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	K. Karunanithi 10/8/23
15.	Dr. VIJAYA KUMAR.R	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	R. Vijaya Kumar 10/8/23
16.	Dr. BEULAH MARY. A	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	A. Beulah Mary 10/8/23
17.	Dr. INDRA DEVI. P	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	P. Indra Devi 10/8/23
18.	Dr. NIRMALA. P.N	Faculty member	Assistant Professor, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	P. N. Nirmala 10/8/23
19.	Mrs. SATHYA BAMA. V	Faculty member	Guest Lecturer, Sri Meenakshi Govt. Arts College For Women (A), Madurai-02.	V. Sathya Bama 10/8/23