

PHYSICS - BOARD OF STUDIES - 7<sup>th</sup> March 2020

Board of Studies meeting held in the  
dept of physics, Fatima College Madurai - 18  
On 7<sup>th</sup> March 2020.

List of Board members:

1. Dr. S. Rajashabala  
Head, Dept of Theoretical physics  
School of Physics  
Madurai Kamaraj University - 625021  
S. Rajashabala
2. Dr. S. Axi Perannanal  
Professor of physics  
Gandhigram Rural Institute (Deemed to be univ)  
Gandhigram - 624302  
S. Axi Perannanal
3. Dr. A. Jegathe Christy  
Asst. Professor Dept of Physics  
Teyaraj Annapackiam College  
Periyakulam  
ABSENT.
4. Dr. K. Gnanasekar  
Associate Prof, Dept of Physics  
The American College, Madurai - 625002  
K. Gnanasekar
5. Ms. Malavathi  
Managing Director  
Vegil Sakthi Solar  
2, Sorai muthu Serrai Tower  
Melur Main Road  
Y. Ottakhadai, Madurai - 625107  
Malavathi

6. Mrs. Arulmozhi Packiaseli  
Associate Professor A. Arulmozhi Packiaseli
7. Dr. Mathavi Manidekar  
Associate Professor Mathavi Manidekar
8. Dr. A. Sheela Vimala Rani  
Associate Professor A. Sheela Vimala Rani
9. Dr. L. Caroline Sugirtham  
Associate Professor L. Caroline Sugirtham
10. Dr. G. Dharm Shantha Kumari  
Associate Professor Dharm Shantha Kumari
11. Mrs. R. Aphonsa Fernando  
Associate Professor R. Aphonsa Fernando
12. Dr. M. V. Leena Chandra  
Assistant Professor M. V. Leena Chandra
13. Mrs. I. Jeyasheela  
Assistant Professor I. Jeyasheela
14. Dr. Dharmma Joseph  
Assistant Professor Dharmma Joseph
15. Dr. M. Ragan  
Assistant Professor M. Ragan
16. Dr. Sr. Jenita Rani  
Assistant Professor Sr. Jenita Rani



17. Dr. Jothamani R.  
Asst Professor

R. Jothamani

18. Dr. Niranjana Devi R.  
Asst. Professor

R. N. J.

### Minutes of the meeting.

#### UG Papers

- \* Change of title for P2CC5. Advanced mechanics changed as Applied Mechanics.
- \* 10% Self study included in all the UG papers.
- \* Syllabus for Semesters III - VI are passed
- \* No of hours reduced from 7 to 5 for Electromagnetism & Electronics in III & IV Sem respectively. (19P3CC7 & 19P4CC10)
- \* Hence New papers Solid State Physics and Materials Science are introduced in III & IV Semester respectively (19P3CC8, 19P4CC11)
- \* It is suggested to include Types of diodes in the Analog Electronics paper.
- \* In P4CC11 - Material Science - suggested to include certain specific materials in all the units.
- \* In P4CC12, P3CC9 suggested to include simulation experiments of FET.
- \* In P5CC13 - Digital Electronics & Communication suggested to include sub titles (uplink & Down link)
- \* P5CC14 - Optics - suggested to change Book for study (Jenkins & White, Gitalak)
- \* P6CC19 - suggested to include EX-OR, EX-NOR, & Non binary Counters.



\* P6CC20 - Suggested to include particle size determination using LASER Ultrasonic experiments, Bio mass based Experiments

\* Suggested to have windmill Construction & Study.

\* Titles changed for skill based papers.

\* Syllabus for Advanced learner Course (Nano Science and Nanotechnology) passed.

\* In PGM53 unit (III) optical fibers and cables replaced by optical fibre Sensors.

PG Papers.

20% of Self Study included in all PG papers.

\* Titles changed for PG1P1 - Mathematical Physics

PG2P6 - Advanced Mathematical Physics.

PG3P11 - Condensed matter Physics.

PG4P16 - Advanced Condensed matter Physics.

PG4P17 - Spectroscopy

\* Suggested to buy DIGITAL POLARIMETER for practical purpose, (19 PG1P4 - Non electronic)

\* PG4P52A - Certification has been changed.

Suggested to include dynamic Scattering method

\* Title changed for PG4P52A - Materials Synthesis and Characterization.

\* PG4P52B - suggested to include X-ray astronomy.

\* Suggested to buy data logger for daily data Collection using astronomical Telescope. which can be used for PG experiments & Projects.

\* all VA and PG practicals revised and Semester



wise practicals implemented.

- \* Advanced learner Course - Instrumentation and experimental methods syllabus passed
- \* ~~P.D.~~ - ~~Course~~
- \* Ph.D - Course work - Syllabus Passed.
- \* Syllabus for Certificate Course (Cell phone Servicing), Crash Course (Digital Photography) are passed.
- \* Action taken on suggestions given by BOS 2019 is discussed.

1. Dr. S. RAJASIMABALA
2. Dr. S. ARIPONNAMMAL
3. Dr. K. GHANASEKAR.
4. Ms. MALARVIZHI.
5. Mrs. S. Arulmozhi Packiaseli
6. Dr. A. Sheela Vimala Rani
7. Dr. Mathani Manisekar
8. Dr. L. CAROLINE SUGIRTHAM.
9. Dr. G. Dheva Shantha Kumari.
10. R. ALPHONSA FERNANDES
11. Dr. M. V. Leena Chandra
12. T. Jaya Sheela
13. Dr. ANCEMMA JOSEPH
14. Dr. M. Ragam
15. Dr. S. G. Jenita Rani
16. Dr. R. Sothi Mari
17. Dr. R. Niranjana Devi
- 18.

1. Rajashimbal  
S.P.L.
- Arulmozhi  
Arulmozhi  
A. Arulmozhi Packiaseli  
A. Sheela Vimala Rani  
Mathani Manisekar  
L. Caroline Sugirtham  
Dheva Shantha Kumari  
R. Alphonsa Fernandes  
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Dr. R. Sothi Mari  
R. Niranjana Devi

7/3/2020