

PHYSICS - BOARD OF STUDIES - 7th March 2020

Board of Studies meeting held in the
dept of physics, Fatima College Madurai - 18
On 7th 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
Vedil 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. J. J. J.

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 (II) 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 electronics)
 - * 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

* ~~Ph.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.

Dr. R. Rajeswarar
Sept

~~Dr. R. Rajeswarar~~

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A. Sheela Vimala Rani

Mathani Manisekar

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Dr. R. Sothi Mari

Dr. R. Niranjana Devi

R. Nij

7/3/2020