

Sri Ramakrishna Mission Vidyalaya College of arts and science, Coimbatore - 20

Department of Physics

The board of studies meeting for Physics was held on 28.10.2017 between 10.30 am and 3.30 pm. The minutes of the meeting are following:

1. The committee suggested to include the foreign author books in the reference category for all the courses and also suggested that core - 9 Solid State Physics (3CT09) and core - 10 Condensed Matter Physics (4CT10) courses are enriched for M. Sc Physics.
2. A resolution was made by the committee members to replace the Instrumental Methods of Chemical Analysis - II course by the new course titled "Energy Auditing" in the UG syllabi. The newly included course will be under open CBCS for all the students of SRKVCAS. This will be in regulation from the academic year 2018 - 19 onwards.
3. It is resolved to extend the Advanced Research Instrumentation Centre (ARIC) facilities by the way of Knowledge Sharing, Sample Characterization and Conducting Certificate Course on "Instrumentation Techniques" at subsidized rates to the students of the colleges which executed MOUs with our college.
4. The committee suggested to include a question with compulsory problem worth of 5 marks out of 75 marks in both UG and PG question papers. It was decided that one question in EITHER or OR of Section -B must be problem from any one unit.
5. Committee recommended to mention the Course Outcome for each course in the syllabi of all the UG and PG programs.

6. Committee suggested to combine the two courses, namely Simulation in Physics - C++ Programming and MATLAB Programming as a single course, which consists of three units from C++ and two units from MATLAB. The newly combined course will be titled as "Programming in C++ and MATLAB".
7. The new course is suggested instead of Simulation in Physics - MATLAB Programming as "Advance Physics" in the PG syllabi from the academic year 2018 - 19.

DR. G. MURALIDHARAN 9443928510

DR. J. CHANDRASEKARAN

G. Muralidharan
28/10/17
Chandrasekar

DR. C. S. NARAYANAMURTHY 9446402212

Dr. V. Ponnusamy

V.P.

28/10/17
28/10/17

DR. V. ANNAMALAI

DR. M. SETHURAMAN

V. Annamalai
28/10/17
M. Sethuraman

P. AMARNATH 9865596962

P. Amarnath
28/10/17

DR. P. BALRAJU

DR. S. RAMAKRISHNAN

K. SATYASIAKOMAR

P. Balraj
28/10/17
S. Ramakrishnan

DR. C. MAHENDRAN

DR. NT. RAMAMURTHY

DR. R. BHARATHIKANNAN

R. JAYAPRAKASH

D. Sathya

R. Jayaprakash
D. Sathya

DR. R. SURESH.

MR. R. GOPALAKRISHNAN

S. Y. JOTHI MANIKANDAN. (III BSc physics).

C. CHANDRASEKAR. II M.Sc physics.

R. Suresh
Mr. R. Gopalakrishnan
S. Y. Jothi Manikandan
C. Chandrasekar

**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE
COIMBATORE-20**

DEPARTMENT OF PHYSICS

MINUTES OF BOARD OF STUDIES MEETING

27.02.2017

The Board of Studies meeting in Physics was held on 27.02.2017 between 10.30 am and 3.30 pm. The following are the minutes of the meeting.

B.Sc Physics

- 1 The core paper - 2 (13UPH2C02) Electricity and Magnetism was revised with topics **RL, RC, RLC (AC and DC Analysis), Lorentz law and Biot-Savart's law** as per the recommendation given by the committee.
- 2 In core paper -3 (13UPH3C03) Electronics, the topics Sign Changer, Scale Changer and Phase Shifter of Unit IV were deleted and the topics Inverting, Non-Inverting amplifiers and Comparator were included. Besides, two text books Authored by V.Vijendran, (Digital Electronics) and Albert Malvino leech (Digital Principles and Applications) were included as reference books in the paper Electronics as per the committee's recommendation.
- 3 The book Non-conventional energy Resources written by G.D. Rai in the Elective-I (14UPH5EL1) paper Alternative energy resources was included as reference book.
- 4 In Core Practical - II (14UPH2CP2), the experiments 3 and 4 were merged together and included as experiment No. 3 and the construction of IC Regulated power supply (5V) was included as experiment No. 4.
- 5 The committee suggested the revision of Unit-V of Allied I Mathematics-I (13UPHAL1) course in line with B.Sc Physics programme.
- 6 The committee suggested the inclusion of either Environmental Chemistry or Biochemistry as Non-Major Elective paper for Solid state Chemistry with the concurrence of the Department of Chemistry.

M.Sc Physics

- 7 The core paper-2 Electro Magnetic Theory and the core paper-4 Mathematical Physics were inter changed as per the recommendation given by the committee.
- 8 The committee has suggested the inclusion of control related programs in Elective practical -II (ELP2) Simulation In Physics - MatLab practicals.
- 9 The committee advised to enrich the core-9 (3CT09) paper Solid State Physics and core -10 (4CT10) paper Condensed Matter and Nano Science with required revision.
- 10 Two Value Added Extra Credit courses on Physics for Compattive Examinations-I and Physics for Compattive Examinations-II were introduced for I & II year PG students. The present I year PG students (2016-17 batch) will have these courses as certificate courses.

The changes made in the syllabai will be implimented from the academic year 2017-18 onwards. The suggestion given by the board will be taken for future revision.

NAME

SIGNATURE

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|---------------------------|--------------------------|
| 1) Dr. G. MURALIDHARAN | G. Murali 27/02/17 |
| 2) Dr. P. BALRAJU | P. Balraj 27/02/17 |
| 3) Dr. V. ANWAMALAI | V. Anwamai 27/2/17 |
| 4) Dr. V. Ponnusamy | V. Ponnusamy 27.2.17 |
| 5) Dr. R. Ramanthikanan | R. Ramanthikanan 27/2/17 |
| 6) M. SETHU RAMAN | M. Sethu Raman |
| 7) S. Ramanathan | S. Ramanathan |
| 8) D. Iselvar | D. Iselvar |
| 9) Dr. C. MAHAENDRAN | C. Mahendran |
| 10) Dr. M. RAMANTHURTHY | M. Ramanthurthy |
| 11) C. R. SREEKANTH | C. R. Sreekanth |
| 12) Dr. R. SURESH | R. Suresh |
| 13) Dr. J. CHANDRASEKARAN | J. Chandrasekaran |
| 14) S. CHANDRASEKAR | S. Chandrasekar |
| 15) N. JOHN CROKUL | N. John Crockul 27/2/17 |
| 16) | |