

**MINUTES OF BOARD OF STUDIES MEETING FOR UG HELD AT ST. TERESA'S COLLEGE, ERNAKULAM, ON 31.01.2015**

St. Teresa's College, Ernakulam conducted the meeting of Board of studies for UG in Physics as per the guidelines of UGC on 31.01.2015 at 12 a.m.

The following members attended the meeting:

- |  |                                 |
|--|---------------------------------|
| 1. Dr Rose P Ignatius,<br>Associate Professor,<br>Department of Physics,<br>St. Teresa's College,<br>Ernakulam.                | Chairperson                     |
| 2. Dr M K Jayaraj<br>Professor, Physics Department,<br>CUSAT, Cochin-22  | University Nominee              |
| 3. Dr S Jayalakshmi,<br>Professor, Physics Department,<br>CUSAT, Cochin-22   | Subject Expert                  |
| 4. Dr.Shaji N<br>Professor, Maharaja's College,<br>Ernakulam   | Subject Expert                  |
| 5. Smt. Sailaja A.<br>Chief Manager,<br>ITI limited  | Representative from<br>Industry |
| 6. Dr Sajimol Augustine M<br>Head of Department of Physics &<br>Controller of Examinations<br>St Teresa's College<br>Ernakulam |                                 |
| 7. Smt. Tessy Joseph<br>Associate Professor,<br>Department of Physics,<br>St. Teresa's College,<br>Ernakulam                   |                                 |
| 8. Dr Kala M S<br>Associate Professor,<br>Department of Physics,<br>St. Teresa's College,<br>Ernakulam.                        | Member                          |
| 9. Dr Santhi A.<br>Associate Professor,  | Member                          |

Department of Physics,  
St Teresa's College, Ernakulam

After prayer, Dr Sajimol Augustine M welcomed the members of board of studies.

The meeting proceeded to the matters in Agenda.

**ITEM 01/BOS/PHY/UG/15.01/01**

The board of studies ratified and recommended the new curriculum for the BSc Programme in Physics and for Complementary courses for B Sc Mathematics and for B Sc. Chemistry for the approval of Academic council.

**ITEM 02/BOS/PHY/UG/15.01/02**

The board of studies recommended books according to the prescribed syllabi in the following subjects.

1. Mechanics
2. Properties of matter
3. Nanotechnology
4. Digital Electronics
5. Relativity
6. Classical mechanics
7. Quantum Mechanics
8. Mechanics
9. Electronics
10. Condensed Matter Physics
11. Thermodynamics and Statistical Mechanics
12. Computational Physics
13. Atomic and Molecular Spectroscopy
14. Nuclear and Particle Physics
15. Optics

The board of studies also recommended that one standard text book may be followed for each course as far as possible instead of choosing different text books for different modules of a course.

**ITEM 03/BOS/PHY/UG/15.01/03**


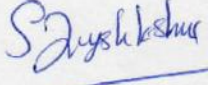

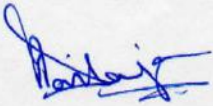
The major suggestions of the board of studies regarding methodologies for innovative teaching and evaluation techniques are

1. One hour is to be allocated for doing project during the fifth and sixth semester and

## CERTIFICATE

The UG Syllabus of the Department of PHYSICS, St. Teresa's College (autonomous), Ernakulam for 2015- 16 admission onwards, has been ratified by the Board of Studies of Physics which met on 31<sup>st</sup> January, 2015, at St. Teresa's College, Ernakulam.

### Members present

Name	Designation and Address	Signature
Dr. M. K. Jayaraj	Professor, Cochin Univ & Sci. & Tech	
Dr. S. Jayalekshmi	Professor, Dept. of Physics, Cochin Univ. of Sciences & Tech, Kochi - 22	
Dr. N. Shaji	Associate Professor Dept. of Physics Maharaja's College, Ernakulam - 682011	
Sailaji A	Chief Manager India Telephone Industries (ITI Limited) Kanjikode West Palakkad - Kerala	

n. Kala M.S

Associate Professor  
Dept. of Physics  
St. Teresa's College, Ekm

Kala

i. Santhi A

Asst. Prof. of Physics  
St. Teresa's College  
Ernakulam

Santhi

i. Mariyam Thomas

Assistant Professor  
Dept. of Physics  
St. Teresa's College  
Ekm.

Mariam

## **Board of Studies -Department of Physics 6-2 -2018**

Board of Studies meeting for Physics, St. Teresa's College, Ernakulam was conducted as per guidelines of UGC on **06-02-2018** at 2 pm in the department of Physics.

The following members attended the meeting:

- |  |                |
|--|----------------|
| 1. Dr Sajimol Augustine M.<br>St Teresa's College<br>Ernakulam   | Principal      |
| 2. Dr Rose P. Ignatius,<br>Associate Professor,<br>Department of Physics,<br>St. Teresa's College,<br>Ernakulam.   | Chairperson;   |
| 3. Smt. Tessy Joseph<br>Head of the Department of Physics,<br>St. Teresa's College,<br>Ernakulam                   | HOD            |
| 4. Dr.M.K.Jayaraj<br>Professor, Physics Department,<br>CUSAT, Cochin-22  | Subject Expert |
| 5. Dr. Titus Mathew<br>Associate Professor, Physics Department,<br>CUSAT   | Subject Expert |
| 6. Dr. Kala M S<br>Associate Professor,<br>Department of Physics,<br>St. Teresa's College,<br>Ernakulam.           | Member         |
| 7. Dr.Santhi A<br>Assistant Professor,<br>St. Teresa's College,<br>Ernakulam                                       | Member         |
| 8. Smt. Minu Pius<br>Assistant Professor<br>Department of Physics,<br>St Teresa's College, Ernakulam               | Member         |
| 9. Dr.Mariyam Thomas<br>Department of Physics,<br>St Teresa's College, Ernakulam<br>St Teresa's College, Ernakulam | Member         |
| 10. Dr.Radhu S.<br>Assistant Professor   | Member         |

Department of Physics,  
St. Teresa's College, Ernakulam  
12. Smt. Linu Mary Joseph,  
Assistant Professor  
Department of Physics,  
St Teresa's College, Ernakulam

Member

Dr. Rose P Ignatius, Chairperson, Board of studies in Physics welcomed the members of of studies. She also presented the agenda of the meeting. The meeting was attended members including 8 external members and 5 Board members from the institution.

The meeting proceeded to the matters in Agenda.

**ITEM 01/BOS/PHY/18.01/22 Approval of the minutes of the previous meeting.**

The Board of Studies approved the minutes of the previous meeting held on 10/08/2017.

**ITEM 02/BOS/PHY/18.02/23 Approval of Restructured curriculum and Syllabi for th academic year 2018-2019 onwards**

During the last meeting the BOS has suggested modifications to be implemented from 2018-onwards. But the college has decided to implement the new curriculum in view of the change made by University which is implemented from this year onwards.

The Board of Studies exercising its powers as *per clause (2c), Chapter IX section 110 Ordinance No. 25487/Leg.G2/2013/Law of Kerala Gazette dated 18/12/2014, approved modified curriculum and syllabi to be introduced from the academic year 2018-19 onwards.*

following major suggestions discussed were also accommodated:

- Chronological order of the contributions of Scientists has to be arranged in Methodol in Physics. Further reference books also have to be included.
- Topics must be given in chronological order in the syllabus.
- Reduce topics from the first and second module of Classical and Quantum Mechanics
- Exclude introductory theory of General theory of relativity.
- Exclude Cathodic sputtering in Material Science module in Condensed Matter Physics
- Exclude Photon diffusion time in Astrophysics in Nuclear, Particle and Astrophysics.

The analysis of feedback forms from students, parents and alumni are presented to the memb of the BOS. The following suggestions from the feedback forms are accommodated in : restructured syllabus:

techniques are included in fifth semester so that the students can do hands-on training regard programming.

**ITEM 03/BOS/PHY/17.08/20**To suggest panel of names of examiners for the third a fourth semesters of U.G and PG examinations.

The Board of Studies exercising its powers as per clause (iv), Chapter IX section 108 Ordinance No. 25487/Leg.G2/2013/Law of Kerala Gazette dated 18/12/2014, approved the pa of names of examiners for the third and fourth semester P.G and U.G examinations.

THE TEXT BOOKS suggested by the members are accommodated in the syllabus.

As per clause (ii), Chapter IX section 109 of Ordinance No. 25487/Leg.G2/2013/Law, the Bo of studies approved the books for new curriculum to be introduced from 2018-19 onwards.

Dr Kala M S, department of Physics proposed vote of thanks to the participated members. The meeting concluded at 4.15 pm

1. Dr Sajimol Augustine M.  
St Teresa's College  
Ernakulam

Principal


2. Dr Rose P. Ignatius,  
Associate Professor,  
Department of Physics,  
St. Teresa's College,  
Ernakulam.

Chairperson

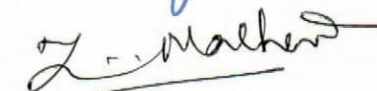
3. Smt. Tessy Joseph  
Head of the Department of Physics,  
St. Teresa's College,  
Ernakulam

  
HOD

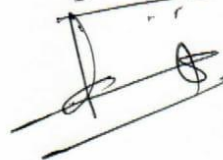
4. Dr.N Shaji  
Principal, Govt. College, Manimalakunnu



5. Dr. Titus Mathew  
Associate Professor, Physics Department,  
CUSAT



6. Dr. Asha A S  
Assistant Professor, CUSAT



7. Dr. Kala M S  
Associate Professor,  
Department of Physics,  
St. Teresa's College,  
Ernakulam.



ASSISTANT PROFESSOR,  
St. Teresa's College,  
Ernakulam

9. Smt. Minu Pius  
Assistant Professor  
Department of Physics,  
St Teresa's College, Ernakulam
10. Dr.Mariyam Thomas  
Department of Physics,  
St Teresa's College, Ernakulam
11. Dr.Radhu S.  
Assistant Professor  
Department of Physics,  
St Teresa's College, Ernakulam
12. Malu Sacidharan