

**SRI RAMAKRISHNA MISSION VIDYALAYA COLLEGE OF ARTS AND SCIENCE  
COIMBATORE-20**  
(An Autonomous Institution Affiliated to Bharathiar University)  
**DEPARTMENT OF PHYSICS**

**BOARD OF STUDIES MEETING**

Date: 22.07.2021

Time: 10.30 am - 3.30 pm

**AGENDA**

Welcome Address	: Dr. J. Chandrasekaran Associate Professor & Head Department of Physics
Introduction of members	: External Members & Internal Members
Introduction on Syllabus and Curriculum	: Dr. J. Chandrasekaran Associate professor & Head
<b><u>Agenda 1</u></b>	
Presentation of UG programme Syllabus and Curriculum	: Dr. R. Bharathikannan Associate Professor of Physics
<b><u>Agenda 2</u></b>	
Presentation of PG Programme Syllabus and Curriculum	: Dr. R. Jayaprakash Associate Professor of Physics
Vote of Thanks	: Dr. M. Sethuraman Associate Professor of Physics

**Minutes of the Meeting**

The Board of Studies meeting of Department of Physics was held on 22.07.2021 between 10.30 am and 3.30 pm in Google meet online platform (<https://meet.google.com/qnx-zzvd-zztd>).

**Members Presented:**

1	<b>Dr. J. Chandrasekaran</b> Associate Professor & Head	Chairmen
2	<b>Dr. P. Christopher Selvin</b> Professor and Head of Medical Physics, Bharathiar University, Coimbatore	Subject Expert
3	<b>Dr. G. Muralidharan</b> Professor of Physics, Gandhigram Rural Institute Deemed University, Gandhigram, Dindugal.	Subject Expert from the outside Bharathiar University

4	<b>Dr. P. Balraju</b> Assistant Professor of Physics, Coimbatore Institute of Technology, Coimbatore	Subject Expert from the outside Bharathiar University
5	<b>Dr.B. Janarthanan</b> Associate Professor and Head of Physics, Karpagam Academy of Higher Education, Coimbatore.	Alumnus of our Department
6	<b>Mr. P. Amarnath</b> Director, Tamilnadu Energy Solutions PVT. Ltd, Veerapandi, Coimbatore.	Industrialist
7	<b>M. Sethuraman</b> Associate Professor of Physics	Member
8	<b>Dr. M. Ramamurthy</b> Associate Professor of Physics	Member
9	<b>Dr. R. Jayaprakash</b> Associate Professor of Physics	Member
10	<b>Dr. R. Bharathikannan</b> Associate Professor of Physics	Member
11	<b>Dr. K. Sathishkumar</b> Assistant Professor of Physics	Member
12	<b>Dr. S. Ramanathan</b> Assistant Professor of Physics	Member
13	<b>Dr. C. Mahendran</b> Assistant Professor of Physics	Member
14	<b>Dr. D. Sridher</b> Assistant Professor of Physics	Member
15	<b>Dr. R. Suresh</b> Assistant Professor of Physics	Member
16	<b>Dr. P. Jayamurugan</b> Assistant Professor of Physics	Member
17	<b>Dr. S. Gopi</b> Assistant Professor of Physics	Member

**Members Absent:**

**NIL**

Dr. J. Chandrasekaran, Associate Professor and Head, Chairman of BOS welcomed the members for their presence. As the chairmen requested, the members introduced themselves.

The Chairman of BOS presented the implementation and modifications in syllabi. As suggested by the IQAC and CDC of our college in the Outcome Based Education (OBE) method the Programme Educational Outcomes (PEOs), Programme Outcomes (POs), Programme specific Outcomes (PSOs), Course objectives and Course Outcomes (COs) which were passed in the previous BOS meeting of UG Programme were refined and presented in the meeting. In addition, Chairmen clarified that the mapping of PSOs and POs



with COs has been done for all the UG courses without altering the syllabi which were passed in 2020-2021 BOS meeting.

In PG programme PEOs, POs and PSOs are declared for the first time and presented in the BOS meeting. Also, the Chairman added that the Mapping of COs with POs and PSOs were carried out for PG programme and presented for the approval.

#### **Agenda 1: UG Programme (B. Sc Physics)**

The UG programme curriculum and syllabi for first to sixth semester was presented by Dr. R. Bharathikannan and described the modifications in the syllabi. The members had thorough discussions and suggested the following

1. The committee suggested that to modify the Programme Educational Objective-1 (PEO1) in accordance with the core outcome of the programme.
2. The committee asked to emphasise in PEOs about the use of Physics in personality development to suit current industry environment.
3. The committee suggested that books for study and books for reference can be updated according to the latest edition
4. The committee gave suggestions and modifications in the Programme specific outcomes (PSOs)

**Based on the suggestions given by the members it is resolved to approve the syllabi with the following modifications.**

1. **The BOS resolved to include the following PEO as PEO1**  
PEO1: Consolidates the knowledge acquired at +2 level and improves the ability to solve the problems in physics
2. **The BOS resolved to modify the PEO5 as**  
PEO5: Develops the learners' personality to suite current industry environment and entrepreneurial skills
3. **The BOS resolved to include the latest edition books in the syllabi and should be available in the library.**
4. **The modifications and suggestions are resolved and incorporated.**

#### **Agenda 2: PG Programme (M. Sc Physics)**

The PG programme curriculum and syllabi for first to fourth semester was presented by Dr. R. Jayaprakash and described the changes carried out in the curriculum and syllabi. He said that 20 percentages in the content of the syllabus has been newly added to all the courses. The members had thorough discussions and suggested the following

1. The committee suggested that additional book for study and reference may be including in the course Advanced Quantum mechanics.
2. The committee suggested that more reference books should be added in all the courses.

3. The committee suggested that all the reference books should be made available in the library.

Based on the suggestions given by the members it is resolved to approve the syllabi with the following modifications.

1. The BOS resolved to add more Books for reference in all the courses.
2. The BOS resolved that all the reference books should be available in the college library.

The Board of studies recommended the above resolutions to be presented in the **academic council for further approval.**

Dr. M. Sethuraman, Associate Professor of Physics thanked all the members of the Board for their valuable suggestion and kind cooperation.

*Ramchandra*  
22.7.2021  
CHAIRMAN

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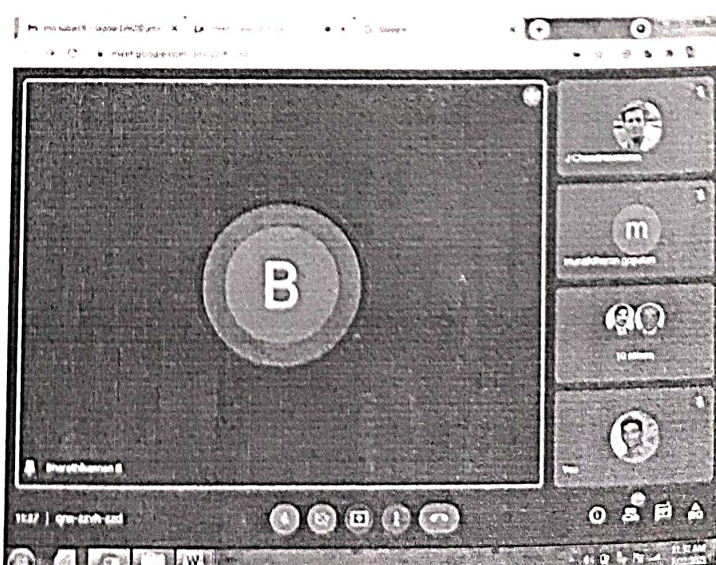
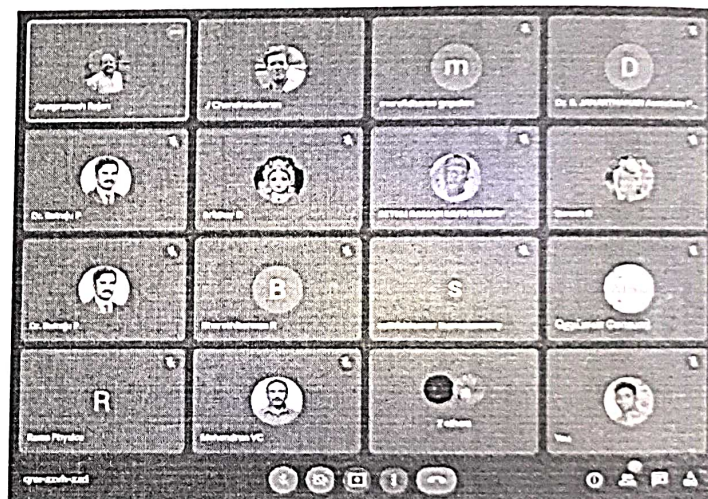
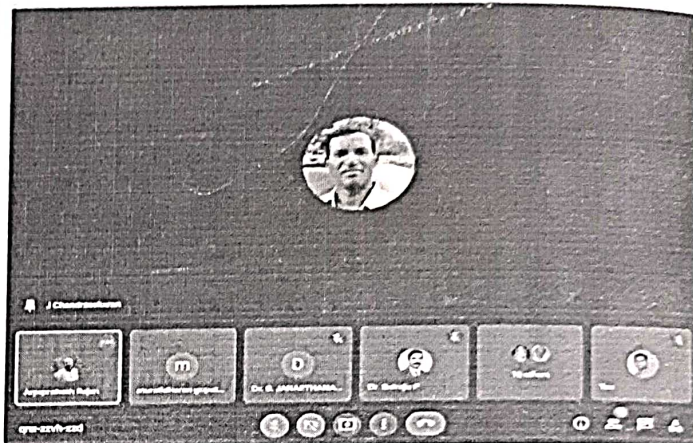
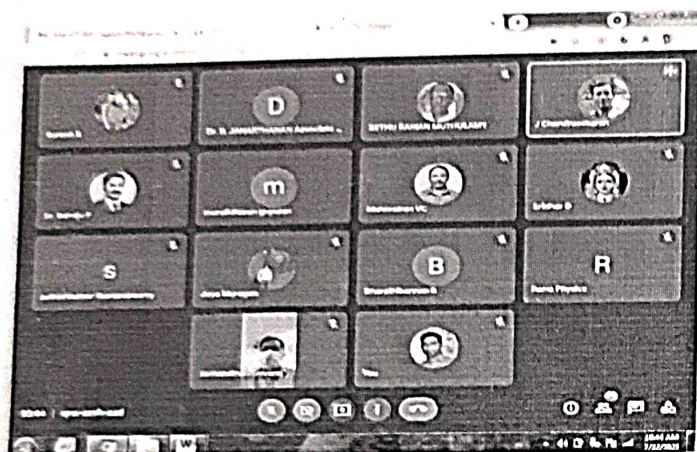
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**Screen shots of Online Board of Studies Meeting**

Date: 22.07.2021





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**DEPARTMENT OF PHYSICS**

**MINUTES OF BOARD OF STUDIES MEETING**

27.11.2020

The Board of Studies meeting in Physics was held on 27.11.2020 between 10.30 am and 1.30 pm through **online platform**. The chairman of BoS, welcome the BoS members, University representative, Subject Experts from various institutions appreciated the tireless efforts made by the Faculty members for redefining the structure and syllabi enrichment of UG programme.

The following are the minutes of the meeting.

The committee

- 1 passed the change of evaluation pattern comprising of 50 internal and 50 external marks for the students admitted in UG and PG programme from 2020-21 onwards.
- 2 approves maximum credit of 144 and the maximum marks of 3650 for UG programme for the students admitted from 2020-21 onwards.
- 3 approves the revised Programme outcomes, Programme Specific outcomes and Course outcomes for all courses in UG programme.
- 4 encouraged self study/online topics for all the courses in UG programme.
- 5 approves the two new courses namely "Kinematics, Waves and Oscillations" and "Dynamics of Fluids and Rigid bodies" with 2 credits to interface between School and College.
- 6 approves the 'Data Science' as an optional Elective course for interested students, offered by RKM VERI, Coimbatore campus, instead of 'Programming in C and its Physics Applications'.
- 7 endorses the students assignments carried out in Summer training programmes/Internships/Field Projects as a Project Course work at UG and PG level.
- 8 approves the Value added courses namely, 'Physics Instrumentation Skills', 'CCTV installation and services' and 'Mobile phone servicing' for UG programmes.
- 9 pronounced to change the title of Unit - III & IV as "Magnetic principles and laws" and "Magnetic potential" respectively, in the Electricity & Magnetism (18UPH2C02) course.
- 10 proposed to add the content 'cyclotron' in the "Unit -II Detectors and Accelerators" in the Nuclear Physics (14UPH6C11) course.
- 11 suggested to update the syllabi of 'Allied Physics - I & II' and 'Alternate Energy Resources' courses.

In addition, the Stakeholders Feedback analysis and suggestions were incorporated to the continuous success, scaling the sustainability, daunting challenges and textural factors influence met by the learners, responding to needs for curricular change and abreast skills demanded by prospective employers.

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Bomdhasa  
27.11.2020  
CHAIRMAN



