



# Dr. N.G.P. ARTS AND SCIENCE COLLEGE

(An Autonomous Institution, Affiliated to Bharathiar University, Coimbatore)  
Approved by Government of Tamil Nadu & Accredited by NAAC with 'A' Grade (2<sup>nd</sup> Cycle)  
Dr. N.G.P.-Kalapatti Road, Coimbatore-641 048, Tamil Nadu, India.  
Website: www.drngpasc.ac.in | Email: info@drngpasc.ac.in. | Phone: +91-422-2369100

BoS

10<sup>th</sup>

## MINUTES OF THE TENTH BOARD OF STUDIES MEETING

Faculty: Basic and Applied Sciences

Board: Physics

The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	Board of Studies (BoS)
Department	Physics
Meeting No.	10
Date and Time	05.12.2020, 02.00 p.m.
Venue	meet.google.com/ehk-maei-srn
Members Attended	The details are given in the ANNEXURE -I

### AGENDA

1)	Discussion on Syllabus for Fourth Semester of B.Sc. Physics 2019-20.
2)	Discussion on Syllabus for Fourth Semester of M.Sc. Physics 2019-20.
3)	Discussion on Syllabus for Second Semester of B.Sc. Physics 2020-21.
4)	Discussion on Syllabus for Second semester of M.Sc. Physics 2020-21.
5)	Discussion on Inter Disciplinary Courses.
6)	Discussion on industrial linked job oriented Certificate Course.
7)	Discussion on summer training course for B.Sc. and M.Sc.
8)	Discussion of AECC: General awareness Course
9)	Any other matters.





**MINUTES OF THE TENTH BOARD OF STUDIES MEETING**

**Faculty: Basic and Applied Sciences**

**Board: Physics**

The Chairman of BoS welcomed all the Panel members for the meeting. The items listed in the agenda were taken for discussion.

The following are the minutes of the meeting:

<b>Item – 01</b>	<b>Discussion on Syllabus for Fourth Semester of B.Sc. Physics 2019-20.</b>
<b>Discussion</b>	<p>The board discussed the Syllabus of courses offered for Fourth Semester of B.Sc. Physics 2019-20. The courses offered are: Optics and Spectroscopy-Theory Optics and Spectroscopy-Practical Basic Instrumentation Skills-SEC.</p> <p>Prof. Balasubramaniam suggested to include the reference book “Optics” authored by Ajay Ghatak in the Core paper Optics and Spectroscopy.</p> <p>Prof. Ramasamy suggested to include electronic spectra of molecule-experimental study of Raman effect and application of Raman spectra in unit-V of optics and spectroscopy course.</p> <p>Dr.Venugopal suggested, to provide e-book as reference in Optics and Spectroscopy.</p>
<b>Resolution</b>	After due deliberations, the board resolved to approve the Fourth Semester syllabus of B.Sc. Physics 2019-20.
<b>Item - 02</b>	<b>Discussion on Syllabus for Fourth Semester of M.Sc. Physics 2019-20.</b>
<b>Discussion</b>	<p>The members of the board discussed the Fourth Semester syllabus of M.Sc. Physics 2019. The courses offered are. Nuclear and elementary particle physics-Theory Instrumental method of analysis-Elective Radiological safety aspects-Elective Plasma Physics-Elective Research methodology-Theory</p> <p>Prof. Balasubramaniam suggested and discussed to offer Molecular Physics Course.</p> <p>Prof. Balasubramaniam and Prof. Ramasamy suggested the books authored by Ghosal and another book authored by S B Patel for the course Nuclear and Particle Physics.</p> <p>The experts of the board discussed to offer Research Methodology as additional paper.</p>
<b>Resolution</b>	After due deliberations by the members, the board approved the Fourth Semester syllabus of M.Sc. Physics 2019-20.

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<b>Item - 03</b>	<b>Discussion on Syllabus for Second Semester of B.Sc. Physics 2020-21.</b> The members of the board discussed and recommended to retain the second semester syllabus of B.Sc. Physics 2019-20 for 2020-21 regulations with minor corrections. Dr Selvakumar updated the year of edition textbooks and reference books in Heat and Thermodynamics (theory and Practical) The board accepted the recommendations.
<b>Item - 04</b>	<b>Discussion on Syllabus for Second semester of M.Sc. Physics 2020-21.</b> The members of the board discussed and recommended to retain the second semester syllabus of M.Sc. Physics 2019 for 2020 regulations with minor corrections. Dr Selvakumar updated the year of edition in the text books and reference books of the courses : Quantum Mechanics, Spectroscopy, Solid state and Spectroscopy lab, Electronics- II Lab, Energy Physics, Materials Physics and Processing Techniques, Photovoltaic Science The board accepted the recommendations.
<b>Item - 05</b>	<b>Discussion on Inter Disciplinary Courses.</b> The members of the board discussed the IDC courses: In the course Digital Electronics offered to Computer Science, Prof. Ramasamy suggested to add BCD before code system, Prof. Venugopal suggested to substitute special gates in the place of NAND, NOR gates in unit –I. The board unanimously approved the IDC Courses.
<b>Item - 06</b>	<b>Discussion on Certificate Courses.</b> The members of the board discussed and suggested to offer the Certificate course on Maintenance of household electrical appliances and gadgets. The experts of the board recommended to make as value added course. The board confirmed to accept the suggestions.
<b>Item - 07</b>	<b>Discussion on summer training course for B.Sc. and M.Sc. Physics</b> The board discussed about the Summer training course and recommended courseera/nptel course/spoken tutorial instead of summer training course for B.Sc. 2018 and M.Sc.2019 regulation students due to pandemic. After due deliberations, the board resolved to accept the recommendations.
<b>Item - 08</b>	<b>Discussion of AECC - IV: 192PY1A4AA General awareness Course</b> The board discussed and framed the syllabus for the AECC-IV: 192PY1A4AA General awareness course offered for undergraduate students in the fourth semester. The board unanimously approved the syllabus of AECC course.

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Item – 09	Any other Matters
<b>Discussion</b>	Student Representative Ms Anisha Mary Varghese suggested to provide weightage for problems in the examinations. The board discussed the panel of examiners for examinations..
<b>Resolution</b>	The board accepted the recommendations.

The Chairman of Board of Studies (BoS) thanked all the members for their active participation and cordially invited them for the next meeting.

Date: 05/12/2020

*CSM*  
05/12/2020

(Dr. C. Selva Kumar)

BoS Chairman/HoD  
Department of Physics  
Dr. N. G. P. Arts and Science College  
Coimbatore – 641 048





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**ATTENDANCE OF THE TENTH BOARD OF STUDIES MEETING**

**Faculty: Basic and Applied Sciences**

**Board: Physics**

**Venue : Google meet: <https://meet.google.com/ehk-maei-srn>**

**Date : 05/12/2020**

**Time : 02:00 PM**

The following members were present for the board of studies meeting.

S. No.	Name	Designation	Signature*
1	<b>Dr. C. Selvakumar</b> Professor and Head Department of Physics Dr.N.G.P. ASC	Chairman	Present
2	<b>Dr. M.Balasubramaniam</b> Professor Department of Physics Bharathiar University	VC Nominee	Present
3	<b>Prof. M. Senthil Kumar</b> Department of Physics Indian Institute of Technology - Bombay	Subject Expert	Absent
4	<b>Dr V.Ramaswamy</b> Professor and Head Department of Physics Annamalai University	Subject Expert	Present
5	<b>Dr D. Venugopal</b> Head - Department of Physics Gobi Arts and Science College Gobichettipalayam	Subject Expert	Present
6	<b>Mr. A. Satheesh kumar</b> Managing Director Meera Laser Solutions Pvt. Ltd. Chennai	Industrial Expert	Absent
7	<b>Ms.V.Sandhiyadevi</b> II M.Sc. Physics Bharathiar University	Alumni	Present
8	<b>Dr. N. Kuppusamy</b> Professor and Head Department of Tamil Dr. N.G.P. ASC	Co-opted Member	Present
9	<b>Dr. R. Vidya Prabha</b> Professor and Head Department of English Dr. N.G.P. ASC	Co-opted Member	Present

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10	<b>Dr. R.Sowrirajan</b> Assistant Professor and Head Department of Mathematics Dr. N.G.P. ASC	Co-opted Member	Present
11	<b>Dr S Sathiyaraj</b> Assistant Professor and Head Department of Chemistry Dr. N.G.P. ASC	Co-opted Member	Present
12	<b>Dr. A. Muthusamy</b> Assistant Professor and Head Department of Computer Science Dr. N.G.P. ASC	Co-opted Member	Present
13	<b>Dr .V.Gopala Krishnan</b> Associate Professor Department of Physics Dr.N.G.P. ASC	Member	Present
14	<b>Ms. R.Revathi</b> Assistant Professor Department of Physics Dr.N.G.P. ASC	Member	Present
15	<b>Dr .R.Karunathan</b> Assistant Professor Department of Physics Dr.N.G.P. ASC	Member	Present
16	<b>UG : Ms A G Pavithra</b> III - B.Sc. Department of Physics Dr.N.G.P. ASC	Student Representative	Present
17	<b>PG : Ms Anisha Mary Varghese</b> II - M.Sc. Department of Physics Dr. N.G.P. ASC	Student Representative	Present

\*Virtual Meeting-Signature not required.

Date: 05/12/2020

  
05/12/2020  
(Dr. C. Selva Kumar)

BoS Chairman/HoD  
Department of Physics  
Dr. N. G. P. Arts and Science College  
Coimbatore - 641 048



Dr. NGPASC  
COIMBATORE | INDIA

