



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 (2nd 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

12th

MINUTES OF THE TWELFTH BOARD OF STUDIES MEETING

Faculty: Basic and Applied Sciences

Board: Physics

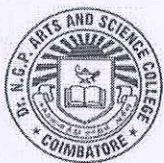
The Meeting of Board of Studies (BoS) was held as given below:

Name of the Body	Board of Studies (BoS)
Department	Physics
Meeting No.	12
Date and Time	22.12.2021, 10.00 a.m.
Venue	meet.google.com/mni-inxf-kcg
Members Attended	The details are given in the ANNEXURE -I

AGENDA

1)	Discussion on Syllabus for Sixth Semester of B.Sc. Physics 2019-20.
2)	Discussion on Syllabus for Fourth to Sixth Semesters of B.Sc. Physics 2020-21.
3)	Discussion on Syllabus for Second to Sixth Semesters of B.Sc. Physics 2021-22.
4)	Discussion on Syllabus for Fourth Semester of M.Sc. Physics 2020-21.
5)	Discussion on Syllabus for Second to Fourth Semesters of M.Sc. Physics 2021-22.
6)	Discussion on Inter Disciplinary Courses.
7)	Discussion on summer training course for B.Sc. and M.Sc. Physics.
8)	Discussion on Assessment pattern 2022-23.
9)	Discussion on fourth regulations 2022-23.
10)	Any other matters.





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MINUTES OF THE TWELFTH 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:

Item – 01	Discussion on Syllabus for Sixth Semester of B.Sc. Physics 2019-20.
Discussion	<p>The board discussed the syllabus of courses offered for Sixth Semester of B.Sc. Physics 2019-20. The courses offered are:</p> <ul style="list-style-type: none">• Relativity and Quantum Mechanics-Theory• Microprocessors and Digital Electronics-SEC.• Microprocessors and Digital Electronics-Practical• Introduction to Nanoscience/Fibre optics and Optoelectronics/Lasers and Applications-DSE-I• Materials Science/Solar Photovoltaic Technology/Biomedical Instrumentation – DSE-II <p>Prof. Balasubramaniam and Ms Sandhiyadevi suggested the topic De-broglie Principle in unit II, relativity to be in unit V in the course Relativity and Quantum Mechanics.</p> <p>Ms Sandhiyadevi suggested Schrödinger equation for hydrogen molecule in unit IV, the title of unit V as theory of relativity and to add the book Principles of quantum mechanics by Shankar in the course Relativity and Quantum Mechanics.</p> <p>Prof. Balasubramaniam suggested to ensure that the contents learnt in higher secondary course shall be eliminated in UG syllabus and it shall be of higher order if repeated.</p> <p>Dr.Venugopal suggested the experiments OP-Amp adder and subtractor , OP-Amp inverting and non inverting, OP-Amp integrator and differentiator in practical course Microprocessors and Digital electronics, flip-flops, counters, shift registers in the theory course Microprocessors and Digital electronics.</p>

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	<p>Prof. Venugopal suggested to add e-books for the courses.</p> <p>Suggestion of National expert, Dr Anbarasu, PSG College of Arts and Science to add the content multimode fibre in DSE course fibre optics and optoelectronics was discussed. Prof. Balasubramaniam suggested to add if the content is available in textbook/ reference.</p> <p>Suggestion of International expert, Prof. Luo Go, John Hopkins whiting school of engineering, Maryland, United States, to add viscoelastic behaviour in DSE course Materials Science was discussed. Prof. M Balasubramainam suggested to add if the content is available in the text book.</p> <p>Prof. M Balasubramaniam suggested to mention overview in the detectors in the fourth unit of Bio medical instrumentation course and to add the book authored by Arumugam.</p>
Resolution	After due deliberations, the board resolved to approve the Sixth Semester syllabus of B.Sc. Physics 2019-20.
Item - 02	Discussion on Syllabus for Fourth to Sixth Semesters of B.Sc. Physics 2020-21.
Discussion	The members of the board discussed and suggested to retain the fourth to Sixth semesters syllabus of B.Sc. Physics 2019 regulations for B.Sc. 2020-21.
Resolution	The board resolved to accept the suggestions.
Item - 03	Discussion on Syllabus for Second to Sixth semesters of B.Sc. Physics 2021-22.
Discussion	The members of the board discussed and suggested to retain the second to sixth semesters syllabus of B.Sc. Physics 2019 regulations for B.Sc. 2021-22.
Resolution	The board accepted the recommendations.
Item - 04	Discussion on Syllabus for Fourth Semester of M.Sc. Physics 2020-21
Discussion	The members of the board discussed suggested to retain the fourth semester syllabus of M.Sc. Physics 2019 regulations for B.Sc. 2020-21.
Resolution	The board resolved to accept the recommendations.
Item - 05	Discussion on Syllabus for Second to Fourth semesters of M.Sc. Physics 2021-22.
Discussion	The members of the board discussed and suggested to retain the second to fourth semesters syllabus of M.Sc. Physics 2019 regulations for B.Sc. 2021-22.
Resolution	The board resolved to accept the recommendations.

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Item - 06	Discussion on Inter Disciplinary Courses.
Discussion	The members of the board discussed and recommended to retain the syllabus of Inter Disciplinary Courses 2019 for 2020-21 and 2021-22 batch.
Resolution	The board unanimously approved the IDC Courses.
Item - 07	Discussion on summer training course for B.Sc. and M.Sc. Physics.
Discussion	The board recommended virtual internship/nptel course/course era/ spoken tutorial in lieu of summer training course for B.Sc. 2019 batch and M.Sc.2020 batch students due to pandemic.
Resolution	The board accepted the courses in lieu of summer training.
Item - 08	Discussion on Assessment pattern 2022-23.
Discussion	The board discussed the assessment pattern 50:50 to be followed from the academic year 2022-23. The pattern is as per the instructions received from Bharathiar University.
Resolution	The board resolved to accept the assessment pattern.
Item -09	Discussion on fourth regulation for next semester
Discussion	Dr Selvakumar brought to the notice of the members about the new regulations from the academic year 2022-23.
Resolution	The board approved to form new regulations.
Item -10	Any other matters
Discussion	Prof. Balasubramaniam and Dr Venugopal suggested to give guidance for JAM and JEST examination for UG and PG students.
Resolution	The board accepted the suggestions.

The Chairman of Board of Studies (BoS) thanked all the members for their active participation.

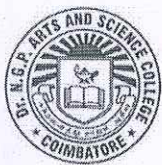
Date: 22/12/2021

Selva Kumar
22/12/2021

(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 TWELFTH BOARD OF STUDIES MEETING

Faculty: Basic and Applied Sciences

Board: Physics

Venue : Google meet: [https:// meet.google.com/mni-inxf-kcg](https://meet.google.com/mni-inxf-kcg)

Date : 22/12/2021

Time : 10:00 AM

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

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

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10	Dr. R.Sowrirajan Assistant Professor and Head Department of Mathematics Dr. N.G.P. ASC	Co-opted Member	Absent
11	Dr Sakhivel Assistant Professor and Head Department of Chemistry Dr. N.G.P. ASC	Co-opted Member	Present
12	Dr .V.Gopala Krishnan Associate Professor Department of Physics Dr.N.G.P. ASC	Member	Present
13	Ms. R.Revathi Assistant Professor Department of Physics Dr.N.G.P. ASC	Member	Present
14	Dr .R.Karunathan Assistant Professor Department of Physics Dr.N.G.P. ASC	Member	Present
15	UG : Mr. Rohit Stephen III - B.Sc. Department of Physics Dr.N.G.P. ASC	Student Representative	Present
16	PG : Ms R Rinisa II - M.Sc. Department of Physics Dr. N.G.P. ASC	Student Representative	Present

*Virtual Meeting-Signature not required.

Date: 22/12/2021

Selva
22/12/2021

(Dr. C. Selva Kumar)

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