



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

9th

MINUTES OF THE NINTH 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.	9
Date and Time	15.05.2020, 10.00 a.m.
Venue	Google meet https://meet.google.com/uxj-jghz-aqe
Members Attended	The details are given in the ANNEXURE -I

AGENDA

1	Discussion on Syllabus for Third Semester of B.Sc. Physics 2019.
2	Discussion on Syllabus for First Semester of B.Sc. Physics 2020.
3	Discussion on Syllabus for Third Semester of M.Sc. Physics 2019.
4	Discussion on Syllabus for First Semester of M.Sc. Physics 2020.
5	Discussion on Inter Disciplinary Courses for Third Semester of B.Sc. Physics 2019.
6	Discussion on industrial linked job oriented Certificate Courses.
7	Discussion on PTA representation.
8	Any other matters.





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MINUTES OF THE NINTH 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 Third Semester of B.Sc. Physics 2019.
Discussion	<p>The board discussed the Syllabus of courses offered for Third Semester of B.Sc. Physics.</p> <p>The courses offered are:</p> <ul style="list-style-type: none">Core Theory - Electricity and Electromagnetism.Core Practical - Electricity and Magnetism Lab.SEC - Electric Circuits and Networking Skills.GE – Everyday Physics. <p>Members of board discussed the suggestions of Mr Satheesh Kumar to include the topic of AC and DC circuits in skill based elective course.</p> <p>Emeritus Prof. Francis F.Chen. (International expert – University of California, los Angels) and Dr Venugopal suggested the title Natural energy sources and contents wind, hydro and solar energies in Every day Physics.</p> <p>Prof. Senthilkumar, suggested the topic : Indian Nuclear Reactors in Every day Physics.</p> <p>Dr Venugopal suggested the topic Photovoltaics in Everyday Physics.</p> <p>Dr Rameshkumar (Honorary subject expert) suggested to include LEDs in Everyday Physics.</p>
Resolution	After due deliberations, the board resolved to approve the Third Semester syllabus of B.Sc. Physics 2019.
Item - 02	Discussion on Syllabus for First Semester of B.Sc. Physics 2020.
Discussion	<p>The board discussed the syllabus of the following courses offered in the First Semester of B.Sc. Physics 2020.</p> <p>The courses offered in First semester of B.Sc. Physics are:</p> <ul style="list-style-type: none">Properties of Matter and SoundMechanicsProperties of Matter and Mechanics Lab. <p>The members of the board discussed and suggested to retain the syllabus of First semester 2019 for 2020.</p>
Resolution	After due deliberations by the members, the board approved the First Semester syllabus for 2020.

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Item - 03	Discussion on Syllabus for Third Semester of M.Sc. Physics 2019.
Discussion	<p>The members of the board discussed the Third Semester syllabus of M.Sc. Physics 2019.</p> <p>The following courses are offered.</p> <p>Electromagnetic Theory. Quantum Mechanics – II. Microprocessors and Microcontroller. Nanoscience and General Physics lab. Electronics-III Lab. Introductory Astronomy, Astrophysics & Cosmology. Band Gap Engineering in Semiconductors.</p> <p>The experts of the board recommended to include the reference book authored by Charles A for the course Electromagnetic theory.</p> <p>Ms Sandhiya Devi suggested the books authored by Prof. R. Sankar, and another book authored by Schiff for the Quantum Mechanics Course.</p> <p>Dr RameshKumar, suggested the topic amorphous semiconductors in the course Band Gap Engineering in Semiconductors.</p>
Resolution	After due deliberations by the members, the board approved the third Semester syllabus of M.Sc. Physics 2019.
Item - 04	Discussion on Syllabus for First Semester of M.Sc. Physics 2020.
Discussion	<p>The members of the board discussed the syllabus of Course for First Semester of M.Sc. Physics 2020.</p> <p>The courses offered are</p> <p>Mathematical Physics. Thermodynamics and Statistical Mechanics. Classical Mechanics. Thermodynamics and Optics Lab. Electronics-I Lab. Environmental Physics. Crystal Growth and Thin Film Physics. Laser Physics and Non-linear Optics.</p> <p>The members of the board discussed and suggested to retain the syllabus of First semester 2019 for 2020.</p>
Resolution	After due deliberations by the members, the board approved the syllabus for First Semester of M.Sc. Physics 2020.

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Item - 05	Discussion on Inter Disciplinary Courses for Third Semester of B.Sc. Physics 2019.
Discussion	The members of the board discussed the IDC theory course: Chemistry I and Practical course : Chemistry Lab.
Resolution	The board unanimously approved the IDC Courses.
Item - 06	Discussion on Certificate Courses.
Discussion	The members of the board discussed and suggested to offer the Certificate course on Maintenance of domestic appliances.
Resolution	The board confirmed to accept the suggestions.
Item - 07	Discussion on PTA representation.
Discussion	The representation of parents for provision of students exchange program was discussed by the members. The board suggested for student exchange programs.
Resolution	The board confirmed to accept the suggestions.
Item - 08	Any other Matters
Discussion	Board of studies in the department of Physics recommends the committee of panel of experts for examination purposes. Dr Gopalakrishnan suggested the inclusion of higher order questions in question paper setting. Ms Sandhiyadevi suggested to include problems in question paper. Dr Sathiyaraj suggested to include the experiment related viscosity in practicals.
Resolution	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: 15/05/2020


15/05/2020.
(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 NINTH BOARD OF STUDIES MEETING

Faculty: Basic and Applied Sciences

Board: Physics

Venue : Google meet (uxj-jghz-aqe)

Date : 15/05/2020

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	Present
4	Dr V.Ramaswamy Professor and Head Department of Physics Annamalai University	Subject Expert	Absent
5	Dr D. Venugopal Head - Department of Physics Gobi Arts and Science College Gobichettipalayam	Subject Expert	Present
6	Dr. S. Poonguzhali Professor and Head Department of Physics Sri Ramakrishna College of Arts and Science, Coimbatore.	Subject Expert	Present
7	Mr. A. Satheesh kumar Managing Director Meera Laser Solutions Pvt. Ltd. Chennai	Industrial Expert	Present
8	Ms.V.Sandhiyadevi II M.Sc. Physics Bharathiar University	Alumni	Present

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9	Dr. N. Kuppusamy Professor and Head Department of Tamil Dr. N.G.P. ASC	Co-opted Member	Present
10	Dr. R. Vidya Prabha Professor and Head Department of English Dr. N.G.P. ASC	Co-opted Member	Present
11	Dr. R.Sowrirajan Assistant Professor and Head Department of Mathematics Dr. N.G.P. ASC	Co-opted Member	Present
12	Dr S Sathiyaraj Assistant Professor and Head Department of Chemistry Dr. N.G.P. ASC	Co-opted Member	Present
13	Dr. A. Muthusamy Assistant Professor and Head Department of Computer Science Dr. N.G.P. ASC	Co-opted Member	Present
14	Dr .V.Gopala Krishnan Associate Professor Department of Physics Dr.N.G.P. ASC	Member	Present
15	Ms. R.Revathi Assistant Professor Department of Physics Dr.N.G.P. ASC	Member	Present
16	Dr .R.Karunathan Assistant Professor Department of Physics Dr.N.G.P. ASC	Member	Present
17	UG : Ms Sandra Rajeev III - B.Sc. Department of Physics Dr.N.G.P. ASC	Student Representative	Absent
18	PG : Mr.V.Gowathambabu II - M.Sc. Department of Physics Dr. N.G.P. ASC	Student Representative	Present

*Virtual Meeting-Signature not required.

Date: 15/05/2020

Schm
15/05/2020

(Dr. C. Selva Kumar)

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