



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 Science

Board: Mathematics

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

Name of the Body	BoS
Department	Mathematics
Meeting No.	9
Date and Time	16.05.2020, 10.00 a.m.
Venue	Webinar: meet.google.com/pxj-pwee-bum
Members Attended	The details are given in the ANNEXURE -I

AGENDA

1	Discussion on Syllabus for third semester of B.Sc. Mathematics 2019-20
2	Discussion on Syllabus for third semester of B.Sc. Mathematics with CA 2019-20
3	Discussion on Syllabus for third semester of M.Sc. Mathematics 2019-20
4	Discussion on B.Sc. Mathematics curriculum & first semester syllabus for 2020-21
5	Discussion on M.Sc. Mathematics curriculum & first semester syllabus for 2020-21
6	Discussion on Inter Disciplinary Course – III syllabus for first Semester of B.Sc. Mathematics and B.Sc Mathematics with CA for 2019-20
7	Discussion on Inter Disciplinary Course – I syllabus for first semester of B.Sc. Mathematics for 2020-21
8	Discussion on Job oriented certificate course
9	Any other matters





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MINUTES OF THE NINTH BOARD OF STUDIES MEETING

Faculty: Basic and Applied Science

Board: Mathematics

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	Syllabus for III Semester B.Sc Mathematics for 2019-20 batch.
Discussion	192MT1A3CB : Statistics I Dr.Karthikeyan suggested to include generating functions as a separate chapter in the course. 192MT1A3SA : Operations Research I Dr.Uma suggested to include the topic of replacement problems and duality in simplex method in course. Also the board members suggested to frame the contents from the book Operations Research by Kapoor 192MT1ASSA : Mathematical Economics The board members suggested introducing Mathematical Economics as self-study course which may comprise of applications of basic Mathematics in Economic theory. 192MT1ASSB :Introduction to Vedic Mathematics The board members suggested to change the textbook and the contents are modified according to it.
Resolution	The board members unanimously approved to incorporate the suggestions in the respective syllabus
Item – 02	Syllabus for III Semester B.Sc Mathematics with CA for 2019-20 Batch.
Discussion	192MT1A3CB : Statistics I Dr.Karthikeyan suggested to include generating functions as a separate chapter in the course. 192MT1B3CC : Programming in Linux Mr.Hariram suggested to include directories in the course and also to frame the programs based on it. 192MT1A3SA : Operations Research I Dr.Uma suggested to include the topic of replacement problems and duality in simplex method in course. Also the board members suggested to frame the contents from the book Operations Research by Kapoor 192MT1BSSA : Computer Graphics Mr.Hariram suggested to include the concepts of 2D and 3D viewing in the contents.

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Page | 2





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	192MT1BSSB :Electronic Commerce Dr. Uma suggested to include the basics of E-markets and E-Business in the contents.
Resolution	The board members unanimously approved to incorporate the suggestions in the respective syllabus
Item – 03	Discussion on Syllabus for third Semester of M.Sc. Mathematics 2019-20 batch
Discussion	192MT2A3CA : Functional Analysis Dr.Murugesan and Dr.Karthikeyan suggested to frame the syllabus from the book Functional Analysis by Thamban Nair that concentrates on application aspects of the theory 192MT2A3CB : Industrial Mathematics Dr.Karthikeyan suggested to include Monte-Carlo methods in the content 192MT2A3CC : Mathematical Methods Dr.Murugesan suggested to include the topic Perturbation Methods in the course which forms the base for Finite Element Method. 192MT2A3CD : Stochastic Differential Equations Dr.Murugesan and Dr.Karthikeyan suggested to change the textbook and in addition to this, stability concepts is to be included in the course. 192MT2A3CE : Fluid Dynamics The board members recommended to include Fluid dynamics in the core course and hence suggested the contents for the same. 192MT2A3DA : Mathematical Modeling Dr.N.Uma suggested to include evolution concept into the contents of the course. 192MT2A3DC : Wavelet Analysis Dr.S.Karthikeyan recommended to include multiresolution analysis in the contents. 192MT2ASSA : Research Methodology, IPR and Entrepreneurship Dr.Murugesan and Dr.Karthikeyan suggested to include Research Methodology as a self study course along with the concepts of IPR and Entrepreneurship.
Resolution	The board members unanimously approved to incorporate all the above suggestion
Item – 04	Discussion on B.Sc. Mathematics curriculum & first Semester Syllabus for 2020-21 batch.

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9th

Discussion	Based on the syllabus of higher secondary Mathematics , the board discussed the syllabus for first Semester of B.Sc. Mathematics and designed the curriculum accordingly. 202MT1A1CA : Advanced Calculus Dr.Uma and Dr.Karthikeyan suggested including more applications in integral concepts. 202MT1A1CB : Trigonometry and Analytical Geometry Dr.Murugesanand Dr.Karthikeyan recommended to frame the contents on the applications of Trigonometry and include the Sphere and Conicoids in the Analytical Geometry part of the course.
Resolution	The board members unanimously approved the syllabus of Fourth Semester.
Item - -05	Discussion on M.Sc. Mathematics Curriculum & first Semester Syllabus for 2020-21 batch.
Discussion	Based on the feedback from students and faculty members, the board members suggested to fix one textbook for courses, if possible.
Resolution	The board members unanimously approved.
Item – 06	Discussion on Inter Disciplinary Course – III Syllabus for First Semester of B.Sc. Mathematics and B.Sc Mathematics with CA for 2019-20 batch
Discussion	The board discussed the inter Disciplinary course syllabus: Business Accounting I based on the suggestions of Dr.Kamalaveni.
Resolution	The board members unanimously approved the syllabus of IDC III.
Item – 07	Discussion on Inter Disciplinary Course – I Syllabus for First Semester of B.Sc. Mathematics for 2020-21 batch
Discussion	The board discussed suggestions of Dr.Selvakumar on framing the syllabus of inter Disciplinary course Physics I (Theory and Practicals).
Resolution	The board members unanimously approved the syllabus of IDC I.
Item – 08	Discussion on Job related certificate courses
Discussion	In addition to the existing certificate courses, the board discussed the possibility of offering the job related certificate course linked with industry.
Resolution	The board members approved the same

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9th

Item – 9	Any other matters
Discussion	(i) The representations of the parents in PTA meeting to include skill oriented courses in curriculum. The board suggested to include hands-on techniques for application oriented papers in curriculum to improve skills of students (ii) The board studies in the department of Mathematics recommends the committee of panel of experts for examination purposes.
Resolution	The board members approved to conduct more remedial classes.

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

Date: 16/05/2020

(Dr.R.Sowrirajan)

BoS Chairman/HoD
Department of Mathematics
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 : Mathematics

Date : 16/05/2020

Time : 10.00 a.m.

Venue : Online- Google Meet

S.No	Name and address	Designation	Signature*
1	Dr.R.Sowrirajan Head,Department of Mathematics Dr.N.G.P.Arts and Science College, Coimbatore.	Chairman	Present
2	Dr.S.Karthikeyan Associate Professor and Head, Dept. of Mathematics Erode Arts and Science College Erode.	VC Nominee	Present
3	Dr. K. Murugesan Professor(HAG) Dept. of mathematics National Institute of Technology Tiruchirapalli.	Subject expert	Present
4	Dr.S.R.Kannan, Professor,Department. of Mathematics Pondichery University Pondichery	Subject expert	Absent
5	Dr.N.Uma Professor and Head Department of Mathematics Sri Ramakrishna College of Arts and Science, Coimbatore.	Subject expert	Present
6	Mr. Thirumurugan Krishnan, Zonal manager Recruitment, i-process services[india] pvtLtd Chennai.	Industry expert	Absent
7	Mr.G.Hari Ram, Assistant Manager-Research Operstions, Ugamsolutions Coimbatore.	Meritorious Alumni	Present





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8	Dr.S.Eswaramoorthy, Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal members	Present
9	Dr.P.Umadevi, Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal members	Present
10	Dr.M.Sangeetha Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal members	Present
11	Mr.M.Santhosh Kumar, Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal members	Present
12	Mrs.S.Manimekalai, Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal Members	Present
13	Mrs.A.Sathyakala, Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal Members	Present
14	Mrs.K.C.Radhamani, Dept of Mathematics, Dr.N.G.P.Arts and Science College Coimbatore	Internal Members	Present
15	Dr.N.Kuppuchamy Dept of Tamil, Dr.N.G.P.Arts and Science College Coimbatore	Co-opted Member	Present
16	Dr.R.VithyaPrabha Dept of English Dr.N.G.P.Arts and Science College Coimbatore	Co-opted Member	Present
17	Dr.C.Selvakumar Dept of Physics Dr.N.G.P.Arts and Science College Coimbatore	Co-opted Member	Present

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18	Dr.S.Kamalaveni Dept of Commerce (IT) Dr.N.G.P.Arts and Science College Coimbatore	Co-opted Member	Present
19	Ms. J. Aiswarya Lakshmi Dr.N.G.P.Arts and Science College Coimbatore	Student representative	Present
20	Ms. P.T.Swathi Dr.N.G.P.Arts and Science College Coimbatore	Student representative	Present

* Virtual meeting – Signature not required

Date : 16/05/2020

[Handwritten Signature]
16/5/2020

(Dr.R.Sowrirajan)

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

