



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: Bioscience

Board: Biochemistry

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

Name of the Body	BoS
Department	Biochemistry
Meeting No.	9
Date and Time	16.05.2020, 10.30 a.m.
Venue	Google meet https://meet.google.com/ciu-nnju-bce
Members Attended	The details are given in the ANNEXURE -I

AGENDA

1	Discussion on Syllabus for third Semester of B.Sc. Biochemistry 2019-20
2	Discussion on Syllabus for first semester of B.Sc. Biochemistry 2020-21
3	Discussion on Syllabus for third Semester of M.Sc. Biochemistry 2019-20
4	Discussion on Syllabus for first semester of M.Sc. Biochemistry 2020-21
5	Discussion on Syllabus for Certificate courses 2020-21
6	Any other matters





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: Bioscience

Board: Biochemistry

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. Biochemistry 2019-20
Discussion	<p>The content for III Semester B.Sc. Biochemistry courses were presented and discussed.</p> <p>193BC1A3CA - Intermediary Metabolism Prof.Suja suggested to introduce case studies in intermediary metabolism course.</p> <p>193BC1A3CP- Intermediary Metabolism practical Prof. Sridhar suggested to include the name of the reagent or name of the scientist uniformly for all experiments.</p> <p>All the experiments are made individual with the instruments, chemicals purchased under DBT star college scheme.</p> <p>193BC1A3SA-Basics of Bioinformatics Prof.Suja suggested to remove the basic contents like Internet, World Wide Web, Browsers, Internet Search Engines – Google, Yahoo</p> <p>Prof.Murali discussed and suggested to invite experts from industries to give more exposure on the course.</p> <p>194IT1A3IA IDC III- Artificial intelligence in Biology and 194IT1A3IP - IDC practical: Python programming Course contents were designed as per current industry requirements by the department of Information technology and the course title was revised as Artificial intelligence in biology Prof. Sridhar suggested to include Basic Python programmes in the practical .</p>
Resolution	The Board resolved to incorporate the above mentioned recommendations
Item - 02	Discussion on Syllabus for first semester of B.Sc. Biochemistry 2020-21

Cont..





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

Discussion	The syllabus for I semester B.Sc. Biochemistry were discussed in the BOS and no change was recommended
Resolution	The Board unanimously resolved to accept the same.
Item – 03	Discussion on Syllabus for third Semester of M.Sc. Biochemistry 2019-20
Discussion	<p>The content for II Semester M.Sc. Biochemistry courses were presented and discussed.</p> <p>193BC2A3CA, Biostatistics and Research Methodology Prof Sridhar suggested to include Parametric and Nonparametric data.</p> <p>Prof.Suja suggested to include National & International funding agencies in research methodology component ,Introduction to R programming and SPSS versions</p> <p>Mr.Madesh suggested to include MS Excel in statistics</p> <p>193BC2A3CB, Plant Biochemistry and Biotechnology Dr.Murali suggested to include ethics after transgenic plants , GM versus Non GM plants</p> <p>193BC2A3CC, Genetic Engineering Prof.Suja suggested to include Next generation sequencing. Prof.Sridhar suggested to include Gene Editing- CRISPR Cas 9 and TALEN</p> <p>193BC2A3CD Clinical Biochemistry Prof.Sridhar suggested to include use of Biochemical data in clinical medicine-Diagnosis, Management, Screening-. Acquisition and interpretation of biochemical data , AI in diagnostics, Quality assurance in clinical laboratories – Sig Sigma concept.</p> <p>Clinical Enzymology- plasma functional and nonfunctional enzymes, Enzymes in health and disease, Concept of Point of Care Technology Instruments</p> <p>193BC2A3CP Practical: Clinical Biochemistry Prof.Sridhar Suggested to include estimation of AST and ALT activities.</p> <p>193BC2A3CQ Practical: Plant Biochemistry and Genetic Engineering Prof. Sridhar suggested to include thin layer chromatographic separation of pigments.</p>

Cont...





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

	<p>Prof. Suja suggested to do the callus induction experiment with carrot and micropropagation experiment with rose.</p> <p>The contents for the newly introduced courses Elective III: Systems Biology, Self-study courses were Bionanotechnology and Inheritance, Evolution and Behaviour were designed as per recent trends and with reference to CSIR-NET and NPTEL curriculum.</p>
Resolution	The Board resolved to incorporate the above mentioned recommendations.
Item - 04	Discussion on Syllabus for first semester of M.Sc. Biochemistry 2020-21
Discussion	The syllabus for I semester M.Sc. Biochemistry were discussed in the BOS and no change was recommended
Resolution	The Board unanimously resolved to accept the same.
Item - 05	Discussion on Syllabus for Certificate courses 2019-20
Discussion	Based on the suggestions received from parents during PTA meeting and Board suggestions, Job oriented and industry linked courses were recommended as certificate courses. 1. Medical coding 2. Organic and hydroponic farming
Resolution	The Board confirmed to incorporate the certificate courses and its contents.
Item - 06	Any other matters
Discussion	Course relevant animated educational video contents can be given to students as E references to understand the concepts well. The board also suggested to develop own E contents for the courses to facilitate the online learning. The board of studies in department of Biochemistry recommends the committee of panel of experts for examination purposes.
Resolution	The Board resolved to consider the above mentioned recommendations.

Date : 16/05/2020

S. Gowri
(Dr. S. Gowri) 16/5/20

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



Dr. NGPASC
COIMBATORE | INDIA





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

ATTENDANCE OF THE NINTH BOARD OF STUDIES MEETING

Faculty: Bioscience

Board: Biochemistry

Date : 16/05/2020,
Time : 10.30 a.m
Venue : Google Meet

S. No.	Designation & Address	Designation	Signature*
1	Dr.Gowri.S Professor and Head Department of Biochemistry, Dr. N.G.P. ASC	Chairman	Present
2	Dr.S.Suja Professor and Head, Department of Biochemistry, Bharathiar University	VC nominee	Present
3	Dr.M.G.Sridhar Professor and Head, Dept of Biochemistry and Vice Principal, KMCH Institute of Health Sciences and Research, Coimbatore	Subject Expert	Present
4	Prof. Dr.B.S.Vishwanath Professor, Department of Biochemistry, University of Mysore	Subject Expert	Absent
5	Prof. P. M. Murali Chairman -Jananom Private ltd	Industrial Expert	Present
6	Mr.Madesh.P Assistant Manager, Quality Control API Syngene International Ltd Biocon Park,Bangalore-560099	Alumni	Absent
7	Dr.S.Balasubramanian Dean Research and Development, Dr. N.G.P. ASC	Special invitee	Present
8	Dr.N.Kuppusamy Department of Tamil, Dr. N.G.P. ASC	Co-opted Member	Present
9	Dr.Vidhya prabha Department of English, Dr. N.G.P. ASC	Co-opted Member	Present
10	Dr.Rajesh Kanna Department of Information technology, Dr. N.G.P. ASC	Co-opted Member	Present

Cont...





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

11	Dr.V.Usha Department of Biochemistry, Dr. N.G.P. ASC	Member	Present
12	Dr.N.Kannikaparameshwari Department of Biochemistry, Dr. N.G.P. ASC	Member	Present
13	Dr.T.Indhumathi Department of Biochemistry , Dr. N.G.P. ASC	Member	Present
14	Ms.Arunima.K Department of Biochemistry, Dr. N.G.P. ASC	Student Representative	Present
15	Ms.Ramya Department of Biochemistry, Dr. N.G.P. ASC	Student Representative	Present

***Virtual Meeting-Signature not required**

Date: 16/05/2020

Handwritten signature
(Dr.S.Gowri) 16/5/20

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

