

# 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

12<sup>th</sup>

## MINUTES OF THE TWELFTH BOARD OF STUDIES MEETING

Faculty: Bioscience

Name of Board: Biochemistry

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

Name of the Body	BoS
Department	Biochemistry
Meeting No.	12
Date and Time	29/12/2021, 10.30 a.m.
Venue	Google meet meet.google.com/eja-owvy-afp
Members Attended	The details are given in the ANNEXURE -I

### AGENDA

1	Discussion on VI Semester Syllabus for B. Sc. Biochemistry Batch: 2019-22.
2	Discussion on IV - VI Semester Syllabus for B. Sc. Biochemistry Batch: 2020 -23.
3	Discussion on II - VI Semester Syllabus for B. Sc. Biochemistry Batch: 2021 -24.
4	Discussion on IV Semester Syllabus for M. Sc. Biochemistry Batch: 2020 -22.
5	Discussion on II - IV Semester Syllabus for M. Sc. Biochemistry Batch: 2021-23.
6	Discussion on Syllabus for IDC course for Fourth semester of B.Sc Food Science and Nutrition: Batch 2020-23
7	Discussion on Syllabus for AECC: IPR, INNOVATION and Entrepreneurship.
8	Any other matters





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## MINUTES OF THE TWELFTH BOARD OF STUDIES MEETING

**Faculty: Bioscience**

**Name of 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:

<b>Item – 01</b>	Discussion on VI Semester Syllabus for B. Sc. Biochemistry Batch: 2019-22.
<b>Discussion</b>	<p>The content for sixth Semester B.Sc. Biochemistry courses were presented and discussed. The courses are</p> <p>193BC1A6CA- CORE: Basic Immunology</p> <p>193BC1A6CB- CORE: Nutritional Biochemistry</p> <p>193BC1A6CP CORE: Practical:Immunology and Nutritional Biochemistry</p> <p>193BC1A6SA SEC: Biostatistics</p> <p>193BC1A6DA DSE-II: Molecular diagnostics</p> <p>193BC1A6DB DSE II:Concepts in Clinical Trials</p> <p>193BC1A6DC DSE II :Pharmaceutical Biochemistry</p> <p>193BC1A6DD DSE III: Bio Entrepreneurship</p> <p>193BC1A6DE DSE III:Environmental Biochemistry</p> <p>193BC1A6DF DSE III: Hormonal Biochemistry</p> <p>193BC1A6AA AECC: Innovation, IPR and Entrepreneurship</p> <p><b>193BC1A6CABasic Immunology</b></p> <p>Prof Sridhar suggested to include Chemiluminescence Assay principles and Applications in Unit III</p> <p>Prof Viswanath suggested including the topics immune response to influenza and coronavirus , mRNA vaccine, Influenza vaccine and COVID 19 vaccine in Unit V.</p> <p><b>193BC1A6CB Nutritional Biochemistry</b></p>

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Prof Murali suggested including importance of probiotics Genetically modified foods, Fermented foods, Alternative foods for animal Proteins and value added foods in Unit I.

Prof Sridhar Suggested to include Fetal origin of adulthood diseases, Carcinogens in foods in Unit I

Prof Viswanath suggested including Harmful Effects of Fast foods in Unit V.

### **193BC1A6SA Biostatistics**

Prof Sridhar suggested to include Parametric and Non parametric tests in unit I

### **193BC1A6DA Molecular diagnostics**

Prof Sridhar suggested including the Immunohistochemistry assay specific examples, detection of Breast cancer, colon cancer and detection of Hepatitis B infection in Unit IV.

### **193BC1A6DB Concepts in Clinical Trials**

Prof Sridhar, Prof. Murali and Prof. Viswanath suggested Inclusion of Definition and need for clinical trials in unit I, Basic philosophies of animal ethics: (3 R's) in Unit III and suggested replacing Usage of animals in research with Bioethics in clinical research in Unit V

### **193BC1A6DC Pharmaceutical Biochemistry**

Prof Sridhar suggested to include Concept of Personalized medicine in Unit IV and inclusion of examples for each category of drugs in Unit IV and V

### **193BC1A6DD Bio Entrepreneurship**

Prof Sridhar suggested to include case study on Dr.VergheseKurien- Indian Social Entrepreneur in Unit III, role of incubators in Unit IV and venture capitals in Unit V,

Prof Murali suggested including NDA (Non-Disclosure Agreement), Patent processes,

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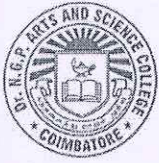
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	and valuation in Unit V.  <b>193BC1A6DE Environmental Biochemistry</b>  Prof Murali suggested including environmental policies in Unit II, National Biodiversity Strategies and Action Plans (NBSAPs) in Unit III, Important environmental treaties in Unit IV and Technology applications in Environment in Unit V  Prof Sridhar suggested including Carbon foot prints and carbon credits in Unit IV.  <b>193BC1A6DF Hormonal Biochemistry</b>  Prof Sridhar suggested including inclusion of Happy Hormones: Biological effects in Unit IV.
<b>Resolution</b>	The Board resolved to incorporate the above-mentioned recommendations
<b>Item - 02</b>	Discussion on IV - VI Semester Syllabus for B. Sc. Biochemistry Batch: 2020 -23.
<b>Discussion</b>	The board members recommended the syllabus of B. Sc. Biochemistry Batch 2019-22 to be followed for B.Sc Biochemistry Batch 2020-23 without any changes.
<b>Resolution</b>	The board members unanimously resolved and approved the syllabus.
<b>Item - 03</b>	Discussion on II - VI Semester Syllabus for B. Sc. Biochemistry Batch: 2021 -24.
<b>Discussion</b>	The board members recommended the syllabus of B. Sc. Biochemistry Batch 2019-22 to be followed for B.Sc Biochemistry Batch 2021-24 without any changes.
<b>Resolution</b>	The board members unanimously resolved and approved the syllabus.
<b>Item - 04</b>	Discussion on IV Semester Syllabus for M. Sc. Biochemistry Batch: 2020 -22.
<b>Discussion</b>	The board members recommended the syllabus of M. Sc. Biochemistry Batch 2019-21 to be followed for M.Sc Biochemistry Batch 2020-22 without any changes.
<b>Resolution</b>	The board members unanimously resolved and approved the syllabus.
<b>Item - 05</b>	Discussion on II - IV Semester Syllabus for M. Sc. Biochemistry Batch: 2021-23.
<b>Discussion</b>	The board members recommended the syllabus of M. Sc. Biochemistry Batch 2019-21 to be followed for M.Sc Biochemistry Batch 2021-23 without any changes.

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<b>Resolution</b>	The board members unanimously resolved and approved the syllabus.
<b>Item-06</b>	<b>Discussion on Syllabus for IDC course for fourth semester of B.Sc Food Science and Nutrition</b>
<b>Discussion</b>	The content for IDC – Biochemistry II ,fourth Semester of B.Sc Food Science and Nutrition 2021-22 were discussed in the board and no changes were recommended
<b>Resolution</b>	The Board unanimously resolved to accept the same.
<b>Item – 07</b>	<b>Discussion on Syllabus for AECC : IPR, Innovations and Entrepreneurship</b>
<b>Discussion</b>	The syllabus content were discussed in detail by the board members
<b>Resolution</b>	The Board unanimously resolved to accept the same.
<b>Item – 08</b>	<b>Any other matters</b>
<b>Discussion</b>	Experts discussed and approved the contents of the following Value added Courses offered by the department. <ol style="list-style-type: none"><li>1. Certificate course on Bioentrepreneurship</li><li>2. Certificate course on Molecular Diagnostics</li></ol> The board of studies in Department of Biochemistry recommends the committee of panel of experts for examination purposes.
<b>Resolution</b>	The Board unanimously resolved to accept the same.

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

Date: 29/12/2021

*Govri*  
29/12/21  
**(Dr. S. Gowri)**

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



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## ATTENDANCE OF THE TWELFTH BOARD OF STUDIES MEETING

Faculty: Bioscience

Name of Board: Biochemistry

Venue: Google Meet

Date: 29/12/2021,

Time : 10.30 a.m

The following members were present for the board of studies meeting

S. NO.	NAME	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	Present
5	Dr.C.Kiruba Rani, Associate Professor, Department of Biochemistry, Vellalar College for Women, Erode.	Consortium college Member	Absent
6	Prof. P. M. Murali, Chairman -Jananom Private ltd	Industrial Expert	Present
7	Mr.Madesh.P Assistant Manager, Quality Control API Syngene International Ltd,Biocon Park,Bangalore-560099	Alumni	Present
8	Dr.S.Balasubramanian Dean Research and Development, Dr. N.G.P. ASC	Special invitee	Present

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9	Dr.N.Kuppusamy Department of Tamil, Dr. N.G.P. ASC	Co-opted Member	Present
10	Dr.Vidhyaprabha, Department of English, Dr. N.G.P. ASC	Co-opted Member	Present
11	Dr.Selvakumar Department of Physics, Dr. N.G.P. ASC	Co-opted Member	Present
12	Dr.R.Sowrirajan Department of Mathematics, Dr.N.G.P ASC	Co-opted Member	Present
13	Dr.N.Kannikaparameshwari Department of Biochemistry, Dr. N.G.P. ASC	Member	Present
14	Dr.T.Indhumathi Department of Biochemistry, Dr. N.G.P. ASC	Member	Present
15	Ms.Rajapriya, Department of Biochemistry, Dr. N.G.P. ASC	Student Representative	Present
16	Ms.Megha.G,Department of Biochemistry, Dr. N.G.P. ASC	Student Representative	Present

\*Virtual meeting- Signature not required

Date :29/12/2021

(Dr. S. Gowri)

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