

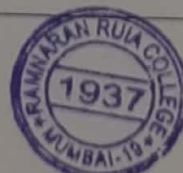
Quorum of the Meeting

Subject Board in Biochemistry & Food Science and Quality Control

The first meeting of the Subject Board in Biochemistry & Food Science and Quality Control was held on Friday, July 28, 2017 at 10.30 am in the Conference Room, 1st Floor of the Main Building (Senior College).

The following members were present for the meeting –

Sr. No.	Name	Designation	Signature
1.	Dr. Jyoti D. Vora	<ul style="list-style-type: none"> •Head, Department of Biochemistry, Ramnarain Ruia College •Chairman 	<i>Jyoti D. Vora</i>
2.	Dr. Atmaram H. Bandiwadekar	Chairman, Board of Studies for Biochemistry, University of Mumbai	<i>Atmaram H. Bandiwadekar</i>
3.	Dr. Geeta Ibrahim	<ul style="list-style-type: none"> •Principal, Nirmala Niketan College of Home Science •Subject Expert 	<i>Geeta Ibrahim</i>
4.	Dr. Samidha Pawaskar	<ul style="list-style-type: none"> •Head of the Biochemistry and Dean, K J Somaiya College- Autonomous •Subject Expert 	<i>Samidha Pawaskar</i> 28/7/17
5.	Dr. Nandita Mangalore	<ul style="list-style-type: none"> •Head, Department of Life Science & Biochemistry, St. Xavier's College- Autonomous •Subject Expert 	<i>Nandita Mangalore</i> 28/7/17
6.	Mr Homiyar Mistry	<ul style="list-style-type: none"> • Marketing & Business development Manager, Shah Brothers: Diagnostic Kits & Bioprocesses • Professional expert from the Industry 	
7.	Dr. Leon Pereira	<ul style="list-style-type: none"> • Consultant, Turquoise Feeds & Supplements • Technical Expert, Biosafety Committee, Bharat Serums • Cofounder & HR Consultant, Oakwood Training Ventures • Professional expert from the Industry 	<i>Leon Pereira</i> 28/7/17
8.	Mr. Prashant M. Masali	Senior teacher, Department of Biochemistry, Ramnarain Ruia College	<i>Prashant M. Masali</i>
9.	Ms. Sneha R. Pednekar	Senior teacher, Department of Biochemistry, Ramnarain Ruia College	<i>Sneha R. Pednekar</i>
10.	Ms. Snigdha Mathure	Student, Department of Biochemistry, Ramnarain Ruia College	<i>Snigdha Mathure</i> 28/7/17
11.	Ms. Shruti Bendre	Student, Department of Biochemistry, Ramnarain Ruia College	<i>Shruti Bendre</i> 28/7/17



Agenda of the First Subject Board Meeting

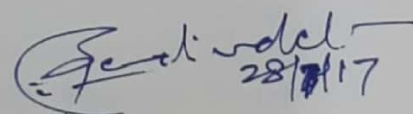
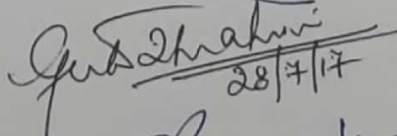
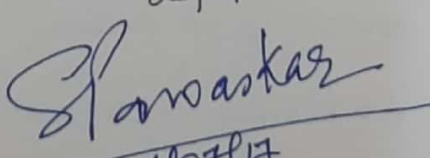
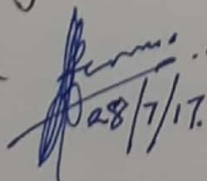
Department of Biochemistry & Food Science and Quality Control

The first meeting of the Subject Board in Biochemistry & Food Science and Quality Control was held on Friday, July 28, 2017 at 10.30 am in the Conference Room, 1st Floor of the Main Building (Senior College).

The following salient points were discussed in depth:

- 1) Syllabi for FYBSc, SYBSc, TYBSc & MSc
- 2) Suggestion of the methodology for innovative teaching and evaluation techniques
- 3) Details regarding the pattern of conductance of exam and setting of papers both for under-graduation and post-graduation
- 4) Panel of Examiners for TYBSc & MSc
- 5) Food Science and Quality Control
- 6) Short term courses and Value addition activities
- 7) Deliberation and seeking advice from the Academic Board on matters arising from the discussion

Any other points to be discussed with the permission of the chair-person.

- 1-> Dr. Atmaram H. Bandivdekar  28/7/17
- 2-> Dr. Geeta Ibrahim  28/7/17
- 3-> Dr. Samidha Pawaskar  28/07/17
- 4-> Dr. Nandita Mangalare
- 5-> Dr. Leon Pereira  28/7/17



Minutes of the First Subject Board Meeting

Department of Biochemistry & Food Science and Quality Control

The first meeting of the Subject Board in Biochemistry & Food Science and Quality Control was held on Friday, July 28, 2017 at 10.30 am in the Conference Room, 1st Floor of the Main Building (Senior College).

The following salient points were discussed in depth:

- 1) Syllabi for FYBSc, SYBSc, TYBSc & MSc
Proposed changes were accepted with minor suggestions
 - FYBSc revised syllabus (2017-18) of University of Mumbai is to be followed.
 - MSc I revised syllabus (2017-18) of University of Mumbai is to be followed.
 - MSc II syllabus of University of Mumbai is to be followed. Hence, students would be attending lectures in the common pool. The University share of the fees has to be given as always.
- 2) Methodology for innovative teaching and evaluation techniques was suggested.
- 3) Pattern of conductance of exam and setting of papers both for under-graduation and post-graduation was discussed. Unrestricted approach to setting of Internal & Practical Exams was suggested especially by the Subject Experts who are also incharges of other Autonomous colleges.
- 4) Panel of Examiners for TYBSc & MSc was discussed and finalized.
- 5) Food Science and Quality Control to be continued for FYBSc was approved unanimously and unreserved.
- 6) Continuation of Short term courses and Value addition activities was approved unanimously and unreserved.

Any other points to be discussed with the permission of the chair-person:

- 7) The committee lauded the efforts of the Department to conceived extension activities and inter-departmental courses for other Departments and courses like B.Voc, Psychology and Languages- English & Hindi.



Goti Vera
 HEAD, DEPARTMENT OF BIOCHEMISTRY
 Ramnarain Ruia Autonomous College
 Matunga, Mumbai-400 019.

Quorum of the Meeting

Subject Board in Biochemistry & Food Science and Quality Control

The second meeting of the Subject Board in Biochemistry & Food Science and Quality Control was held on Monday, February 26, 2018 at 10.00 am in the Conference Room, 1st Floor of the Main Building (Senior College).

The following members were present for the meeting –

Sr. No.	Name	Designation	Signature
1.	Mr. Prashant M. Masali	<ul style="list-style-type: none"> •Head, Department of Biochemistry, Ramnarain Ruia College •Chairman 	<i>Prashant M. Masali</i>
2.	Dr. Atmaram H. Bandiwadkar	Chairman, Board of Studies for Biochemistry, University of Mumbai	<i>Atmaram H. Bandiwadkar</i> 26/2/2018
3.	Dr. Geeta Ibrahim	<ul style="list-style-type: none"> •Principal, Nirmala Niketan College of Home Science •Subject Expert 	<i>Geeta Ibrahim</i> 26.2.18
4.	Dr. Samidha Pawaskar	<ul style="list-style-type: none"> •Head of the Biochemistry and Dean, K J Somaiya College- Autonomous •Subject Expert 	<i>Samidha Pawaskar</i> 26/02/18
5.	Dr. Nandita Mangalore	<ul style="list-style-type: none"> •Head, Department of Life Science & Biochemistry, St. Xavier's College- Autonomous •Subject Expert 	<i>Nandita Mangalore</i> 26/02/18
6.	Mr. Homiyar Mistry	<ul style="list-style-type: none"> • Marketing & Business development Manager, Shah Brothers: Diagnostic Kits & Bioprocesses • Professional expert from the Industry 	<i>Homiyar Mistry</i> 20 th FEB 2018
7.	Dr. Leon Pereira	<ul style="list-style-type: none"> • Consultant, Turquoise Feeds & Supplements • Technical Expert, Biosafety Committee, Bharat Serums • Cofounder & HR Consultant, Oakwood Training Ventures • Professional expert from the Industry 	<i>Leon Pereira</i>
8.	Ms. Sneha R. Pednekar	Senior teacher, Department of Biochemistry, Ramnarain Ruia College	<i>Sneha R. Pednekar</i> 26/2/18
9.	Ms. Aditi U. Patwardhan	Senior teacher, Department of Biochemistry, Ramnarain Ruia College	<i>Aditi U. Patwardhan</i> 26/2/18
10.	Ms. Snigdha Mathure	Student, Department of Biochemistry, Ramnarain Ruia College	<i>Snigdha Mathure</i>
11.	Ms. Shruti Bendre	Student, Department of Biochemistry, Ramnarain Ruia College	<i>Shruti Bendre</i>



Agenda of the Second Subject Board Meeting

Department of Biochemistry & Food Science and Quality Control

The second meeting of the Subject Board in Biochemistry & Food Science and Quality Control was held on Monday, February 26, 2018 at 10.00 am in the Conference Room, 1st Floor of the Main Building (Senior College).

The following salient points were discussed in depth:

- 1) Revision of Syllabi for FYBSc, SYBSc, TYBSc & MSc all semesters.
- 2) Addition of a new practical component in the SYBSc class to inculcate research culture in the students.
- 3) Suggestion of alternatives for MSc Industrial Visit such as Hands on training in techniques, Workshops, Industrial attachment training.
- 4) Deliberation and seeking advice from the Academic Board on matters arising from the discussion

Any other points to be discussed arising from the above discussion.

Sanaskar Getthanthim
26/02/18. 26.2.18

P. Pangalore
26/02/18

H.
26th FEB 2018.

Zandiker
26/2/2018



Minutes of the Second Subject Board Meeting

Department of Biochemistry

The second meeting of the Subject Board in Biochemistry was held on Monday, February 26, 2018 at 10.00 am in the Conference Room, 1st Floor of the Main Building (Senior College).

The following salient points were discussed in depth:

- 1) The minutes of the first meeting of the Subject Board in Biochemistry held on Friday July 28, 2017 were approved unanimously.
- 2) Syllabi for FYBSc, SYBSc, TYBSc & MSc
 - Proposed changes were accepted with minor suggestions.
 - The paper titles have been rearranged in synchronization with the topic content of that particular paper.

FYBSc –

- Proteins & amino acids topic is shifted from Semester I to Semester II in Paper I while Nucleic acids topic is shifted from Semester II to Semester I in Paper I.
- The definitions of DNA replication, transcription, reverse transcription and translation have been added to the nucleic acids topic for the better understand of the role of nucleic acids in the body.
- Microscopy topic is shifted from SYBSc Semester IV to Semester I of FYBSc.

SYBSc –

- Plant Biochemistry topic has been newly added in SYBSc Semester III Paper I
- Pharmacodynamics (half a unit from TYBSc Semester VI Paper II) and Adverse Drug Reactions (ADRs) is added as one unit in Semester IV Paper III.

SYBSc Practicals –

- New experiments are added to cover the practical aspects of the newly added theoretical topics. E.g. colorimetric experiments like Glucose by



DNSA method, Proteins by Biuret method and Demonstration of spectrophotometer.

- Research project has been introduced in Semester IV Practical III to inculcate research culture in the students.

TYBSc –

- Integration of metabolism (half unit) and metabolism of nucleic acids (half unit) has been introduced in semester VI paper I.
- Biochemical Investigation topic of Semester IV Paper I is renamed to Protein Purification techniques and included in TYBSc Semester VI Paper I.
- A new topic 'Drugs acting on haemopoietic system (half unit) is added to Semester VI Paper II replacing the Pharmacodynamics (now half a unit in SYBSc Semester IV Paper III).
- Apoptosis (half unit) is added in Semester V Paper IV. While Vaccines (half unit) is added in Semester VI Paper IV.

TYBSc Practicals –

- Hands on training of electrophoretic technique which was a demonstration experiment in the previous syllabus.

MSc I –

- Protein Biochemistry is combined together with Bioenergetics to make up for 15 lectures. Enzymology is a separate topic having 15 lectures content.
- Membrane Biochemistry & Cell signalling topics are separated into two different units. Membrane Biochemistry topic is in Semester I Paper I whereas Cell signalling along with Bioluminescence topic in Semester II Paper I.
- Electrophysiological Methods topic (half unit) has been newly added after Centrifugation topic in Semester I Paper II because the content of Centrifugation was very less for 15 lectures allotted to that topic.
- All the Biostatistics topics were redistributed and combined together as a single Paper IV of Semester II. E.g. ANOVA, Correlation & Regression were in Semester I and these will be better understood if taught after the understanding of Hypothesis Testing which was in Semester II.

Pmm

HEAD, DEPARTMENT OF BIOCHEMISTRY
Ramnarain Ruia Autonomous College
Matunga, Mumbai-400 019.

