

RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19


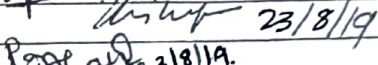
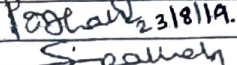
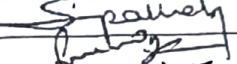

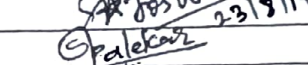

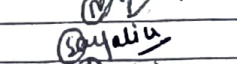
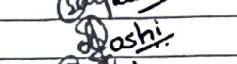
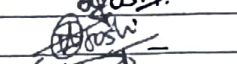
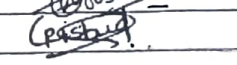
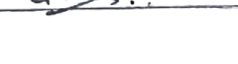
Minutes of the meeting of the Board of Studies in Bioanalytical Sciences

Date: 23.08.2019

Time: 11 a.m. to 1.00 p.m.

Venue: Dept of Bioanalytical Sciences (N-213)

Members Present:

Sr. No.	Name	Signature
1.	Dr. Ajit Datar	
2.	Dr. Krishnapriya Mohanraj	 23/8/19.
3.	Dr. Purvi Bhatt	 23/8/19.
4.	Dr. Sujata Suvarnapathki	
5.	Ms. Sandhya Menon	
6.	Ms. Saeed Joshi	 23/8/19
7.	Dr. Sachin Palekar	
8.	Dr. Madhura Dhavale	
9.	Ms. Sayali Kadge	
10.	Ms. Dhanashree Joshi	
11.	Ms. Ashwini Joshi	
12.	Ms. Gauri Risbud	





- The criteria for not providing with more than 60% option for a particular question, can be met by, changing the format of the question paper of writing any two out of three questions for MSc class.
- Short notes can be changed to direct/specific questions.
- As objectives are covered in Internals, more of Numericals and diagram oriented questions can be included under understanding & evaluative type of questions.

Agenda Item No. 2: Discussion on Internal assessment

Modality of Assessment was given to the members.

DISCUSSED THAT:

- There is no split in Viva
- Assignment is compulsory
- The split in Power-point presentation, Group discussion & Assignment is okay.

RESOLVED THAT:

- Modality of Assessment was approved.

Agenda Item No. 3: To approve the certificate course in Medical Writing with syllabi, duration, costing and evaluation, if any.

DISCUSSED THAT:

- The certificate course in Medical writing was proposed.
- It was proposed that the duration of the course would be for 3 to 4 months on weekend basis for 4 to 5 hours with a total of 45 hours.
- Batch Size would be of 20-25 students.
- Experienced faculty from academics and eminent Industry Professionals will engage the sessions.
- Eligibility, Modules and Assessment of students/participants was discussed.

RESOLVED THAT:

- The certificate course in Medical writing was approved.
- Eligibility, Modules and Assessment of students/participants were approved.

Agenda Item No. 4: Any other matter with permission of the Chair.

DISCUSSED THAT:

- Syllabus is to revamped next year.
- Subject-wise modules are to be made.
- Specializations are to be changed for the fifth year of Integrated MSc course.

Palshetti



RESOLVED THAT:

- Innovative specializations should be introduced.

Signature:

HOD *S. Palekar*

Head.
Department of Bioanalytical Science
Ramnarain Ruia Autonomous College
Matunga, Mumbai-400 019.



RAMNARAIN RUIA AUTONOMOUS COLLEGE, MUMBAI-19

Dept of Bioanalytical Sciences

Minutes of the meeting of the Board of Studies in Bioanalytical Sciences

Date: 13.04.2020

Time: 11 am to 12 am

Venue: e-Meeting via Zoom platform

Members Present:

Sr. No.	Name	Signature
<u>1</u>	<u>Dr. Krishnapriya Mohanraj</u>	
<u>2</u>	<u>Dr. Anjali Apte-Deshpande</u>	
<u>3</u>	<u>Dr. Purvi Bhatt</u>	
<u>4</u>	<u>Dr. Ajit Datar</u>	
<u>5</u>	<u>Dr. Anushree Lokur</u>	
<u>6</u>	<u>Ms. Sujata Suvarnapatki</u>	
<u>8</u>	<u>Ms. Nandini Girish</u>	
<u>9</u>	<u>Dr. Sachin Palekar</u>	
<u>10</u>	<u>Dr. Madhura Dhavale</u>	
<u>11</u>	<u>Ms. Sayali Kadge</u>	
<u>12</u>	<u>Ms. Dhanashree Joshi</u>	
<u>13</u>	<u>Ms. Anushka Joshi</u>	

Agenda I: To revise and approve the syllabi for FY/SY/TYBSc/MSc I & II for Odd semester classes, wherever applicable.

Discussed that: Following changes were proposed in the syllabi.

Regular M.Sc. Course Sem III

Paper I

1. Title of RPSBAS301 is changed to Microbiology, Toxicology, and Standardization of ASU medicines
2. 303.1 (Introduction to Microbiology) +303.2 (Pharmaceutical Microbiology) Combined to single unit which is 301.1-Microbiology
3. 303.3(Intro to Toxicology) and 303.4 (Regulatory Toxicology) combined to 301.2- Toxicology
4. 301.1(Indian Systems of Medicine) is now 301.3
5. 301.3 (Quality Assurance-Quality Control of Ayurveda, Siddha & Unani Drugs) +301.4: Regulatory aspects of ASU Drugs combined to single unit 301.4 (Regulatory aspects of ASU Drugs).

Paper II

1. Title of the paper changed to Bioanalytical techniques and Bioinformatics.
2. 302.1 (Introduction to Mass Spectrometry (MS)): No change
3. 302.2 (Hyphenated Techniques in Bioanalysis): No change
4. 302.3 (MS Applications): Deleted this unit as the same topics are repeated in Sem IV
5. 302.4 (Bioassays) is now 302.3
6. 302.4: New unit called Clinical Data Management is introduced.



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Paper III

1. 303.1 is Introduction to research methodology (Same as 901.1)
2. 303.2 is Research Design (Same as 901.2)
3. 303.3 is Biostatistics I (Shifted from paper IV)
4. 303.4 is Biostatistics II (Shifted from paper IV)
5. 2 Credits for industrial training are introduced in practical of this paper.

Paper IV

1. 304.2 (Electronic data management) is removed.
2. 304.1 (Bioinformatics in disease management) is a part of 302.4 unit
3. 304.3 and 304.4 (Biostatistics I and II) shifted to paper III.
4. 6 credits (4 theory+2 practicals) of this paper will consist of 3- month compulsory industrial training.

Practicals of Sem III

1. Some repetitive practicals are removed and all the practicals are distributed between Paper I and Paper II

Reg M.Sc. course Sem I

1. Paper I
No major changes
2. Paper II
No major changes
3. Paper III
No major changes
4. Paper IV
Name of the paper changed to Immunoassay and Immunoinformatics.

Int M.Sc. I course Sem IX

1. Paper I
The title and content of paper III is shifted to Paper I. Therefore, paper I is Automation and data Management.
2. Paper II
No changes
3. Paper III
The title and content of paper I is shifted to Paper III. Therefore, paper III is Research Methodology and Biostatistics.

Int M.Sc. course Sem VII

1. Paper I
New practical called Study of Minimum Inhibitory Concentration (MIC) of drug is introduced.
2. Paper II
 - Units 702.3 (Basic Toxicology) and 702.4 (Regulatory Toxicology) are combined to single unit 702.3 titled as "Toxicology."
 - New Unit called Pharmacogenomics is introduced as 702.4.
3. Paper III
New Practical called Bioanalysis of urine, blood and serum sample is introduced.
4. Paper IV
New Practical called Comparative analysis of Caffeine by UV, HPLC, and HPTLC is introduced.

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Suggestions of BOS members with respect to agenda I

1. Minimum Bactericidal Concentration (MBC) practical should be introduced in Int. M.Sc. I Sem VII paper I
2. CLSI guidelines should be introduced in theory or internal assignments in Int. M.Sc. I Sem VII paper I
3. Specific colorimetric derivatization methods should be introduced in Int. M.Sc. I Sem VII paper I
4. Exam cell should be informed about the changes in paper titles.
5. Elective topics should be included as per NAAC guidelines.

Resolved that

1. The proposed changes in syllabi are approved.
2. The suggestions of BOS members with respect to introduction of new practicals and theory topics will be taken into consideration and those changes will be incorporated in syllabi.
3. The exam cell will be informed about changes in paper titles.
4. Elective topics will be introduced next year.

Agenda II: Feedback on syllabus from stakeholders

Discussed that:

1. Feedback on syllabus was taken from students, parents, teachers, alumni, and industry personnel was taken through google forms.
2. 36% students find the syllabus challenging while 40% find it adequate.
3. Feedback with respect to learning values, applicability and coverage through practicals was positive.
4. 87% of the overall rating of the syllabus was "Very good" or "Good".
5. Inclusion of new instruments as per student's suggestions is ongoing.

Resolved that:

Depending on the feedback, following plan of action will be taken:

1. Introduction and practice of more hands-on training in practicals will be done
2. Entrepreneurship skills syllabus upgradation is being done for Semester VI
3. Up gradation of instruments and purchase of new instruments to confer updated skill sets to students is Ongoing
4. We propose to increase in the number of credits for Regular M.Sc. II.

Agenda III: To identify and approve 2-4 Certificate Courses offered by NPTEL Swayam /MOOC.

Discussed that:

1. Basic courses on Biochemistry, Mathematics, Statistics will be suggested to Undergraduate students.
2. Students from Biological Sciences (for 2 years M.Sc. Course) will be encouraged to take up basic course in Analytical, Organic Chemistry

Agenda IV: Any other matter with the permission of the chair.

Not applicable

Head.
Department of Bioanalytical Science
Ramnarain Ruia Autonomous College
Matunga, Mumbai-400 019.

