

S.P. Mandali's
RAMNARAIN RUIA AUTONOMOUS COLLEGE
MATUNGA, MUMBAI 400 019
SUBJECT BOARD – BOTANY

Minutes of the meeting of the Board of Studies in Botany

The 1st meeting of the Board of studies in Botany for the Academic year 2021-22 was held on 31st March 2022 at 2.00pm on Zoom platform. The following members attended the meeting

External members present for the meeting (New BoS Members from 2021-22):

Sr. No.	Name	Members
1.	Prin. Dr. Moses J Kolet	Subject Expert, Vice-Chancellor Nominee, University of Mumbai.
2.	Prof. (Dr.) Milind Sardesai	Subject Expert form outside parent University
3.	Prof. (Dr.) Aparna Saraf	Subject Expert form outside parent University
4.	Dr. Vikrant Kulkarni	Representative from Industry / corporate sector.
5.	Dr. Shama Zaidi	Meritorious alumnus

Internal faculty members of the Department present for the meeting:

1. Prof.(Dr.) Jessy Pius
2. Dr. Bhavna Narula
3. Dr. Manjusha Nikale
4. Ms. Anjali Lade
5. Dr. Sunil Shankhadarwar
6. Ms. Bhakti Sapkal
7. Dr. Dhanashree Shukla

The online meeting was convened by Head of the Department Dr. Jessy Pius. Dr. Jessy Pius welcomed all the members and introduced them.

Agenda of the meeting:

- To approve the Minutes of the earlier meeting
- To seek approval for the implementation of the CBCS according to the UGC instructional template which includes the change in the total number of Credits for the UG and PG program, and also to classify the Courses as Core Courses, Ability Enhancement Courses, Skill Enhancement courses and to revise them for the academic year 2022-23.
- To seek approval for the new certificate courses, SWAYAM, NPTEL Courses

- To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and semester end examination. (Theory/Practical, wherever applicable).
- To seek approval for the examination pattern used for the internal assessments, semester end examinations and the Practical exams (wherever applicable) conducted for the even semester exams in the current academic year.(2021-22)
- Any other matter with the permission of the Chair.

Agenda Item No. 1: To pass the Minutes of the meeting held on 19.5.2021

The minutes of the meeting had been circulated to the members. No comments have been received. The minutes were confirmed by all external members.

Action taken on the minutes of the meeting held on 19.5.2021

Dr. Jessy Pius discussed the action taken by the department on the minutes of earlier meeting. All the actions decided in the earlier meeting were fulfilled by the department.

Agenda Item No. 2: To seek approval for the implementation of the CBCS according to the UGC instructional template which includes the change in the total number of Credits for the UG and PG program, and also to classify the Courses as Core Courses, Ability Enhancement Courses, Skill Enhancement courses and to revise them for the academic year 2022-23.

Discussed:

Dr. Jessy Pius discussed the CBCS frame work decided by College for UG Science according to the UGC instructional template and guidelines. Also discussed the change in the total credit in UG from 120 to 132 with major change in total number number of credits in Third year science. Credits were increased from 20 to 26 in T. Y. UG CBCS structure consists of 24 Core Courses, 2 AECC, 4SEC and 4DSE.

Dr. Jessy Pius also explained the CBCS frame work of PG science. In PG CBCS frame work consists of 11 Core Courses, 2 AECC, 1SEC and 2DSE, One MOOC/ Case study/ Workshop, Internship and Research project.

Following are the proposed changes :

Changes proposed:

In FY:

- RUSBOT101- Economic importance- title changed into Industrial applications
- RUSBOT 102- In Ecology included - Mangrove, Environmental heritage & its management, In Cell biology-Microscopy added.
- Practicals relevant to these topics are added

S Y:

- RUSBOT301- Economic importance- title changed into Industrial applications
- 3 practical added

TY AC- Revised for better flow from FY(deleted the portion which are already there in FY and SY). Added the following:

- Miyawaki forest concept
- Ministry of Micro, Small & Medium Enterprises (MSME), National Horticulture Board(NHB)
- Advances in hydroponics, Aquaponics
- ZBNF, Traditional organic farming,
- Zen garden , Podium garden
- Garden design using AutoCAD(demonstration)

Suggestions given by the external BoS members are as follows:

- ✓ To include skill-based applications of algae and fungi which can benefit the student in terms of career
- ✓ To collaborate with Bhandarkar College for a 2-3 credits course on Biochemistry. (The course mentioned was 'Quality Management in Food Industry').
- ✓ To sign MOU with some well-known central laboratories like CSIR labs for more productive and fruitful PG internships.
- ✓ To incorporate few job-oriented, short-term certification courses in PG course curriculum. (For eg- FSSAI approved courses).
- ✓ To include EIA and acts/policies with respect to environment in the form of course/survey/report/internship/project, etc.
- ✓ To incorporate topics like 'different types of ecosystems' and 'wildlife management' in PG syllabus RPSBOT203.
- ✓ To provide credits for conferences/seminars/workshops/paper presentations to students.
- ✓ Course offered by IIRS ISRO recommended by Dr. Aparna & Dr. Shama (For eg- Outreach program on remote sensing).
- ✓ If students don't get internship opportunity, they can work on a research project for both semesters i.e. (Sem III & IV).
- ✓ To provide choice for the students to select Research project / internship according to their convenience.

RESOLVED : Overall, the CBCS framework was accepted by the members. All proposed changes have been approved by BoS external members. Dr. Pius said that the revised syllabus with the changes highlighted will be mailed to all members in a weeks' time.

Agenda Item No. 3. To seek approval for the new certificate courses

- Techno commercial aspects of Urban Farming
- Organic Gardening
- Aquascaping & Interior Scaping
- Floristry

DISCUSSED:

Techno commercial aspects of Urban Farming is a course already approved by earlier Botany Board. The other two courses were run by B Voc Greenhouse Management Department. Since by B Voc Greenhouse Management course will be discontinued from next academic year, the courses will be run by Department of Botany. Also seeking permission to approve the certificate course in Floristry. All certificate courses are 3 credit courses with 45 hours duration.

RESOLVED

All certificate courses were approved by the BoS members. Dr. Jessy Pius will be mailing the modules of these certificate courses along with the Syllabus

Agenda Item No. 4 To decide on the changes in the modalities of assessment, if any, which includes the question paper pattern, for internal and semester end examination. (Theory/Practical).

DISCUSSED:

Dr. Jessy Pius discussed the modalities of assessment (UG and PG classes) for both theory and practical internal and also semester end examination (60: 40 pattern).

RESOLVED : All proposed changes in the modalities of assessment have been approved by BoS external members

Agenda Item No. 5: To seek approval for the examination pattern used for the internal assessments, semester end examinations and the Practical for 2021-22 and 2022-23

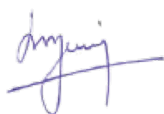
DISCUSSED:

Dr. Jessy Pius discussed the examination pattern used for the internal assessments and semester end examination for both UG and PG classes.

RESOLVED : All proposed changes in the examination pattern have been approved by BoS external members.

Agenda Item No. 6: Any other matter with permission of the Chair.

No other matter was discussed. Dr. Jessy Pius thanked all the BoS members for attending the meeting on Zoom and the meeting was concluded.



Prof.(Dr.) Jessy Pius
Head, Department of
Botany 1st April 2022



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SUBJECT BOARD – BOTANY

Minutes of the 2nd meeting of the Board of Studies in Botany

The 2nd meeting of the Board of studies in Botany for the Academic year 2021-22 was held on 21st April 2022 at 3.30pm on Zoom platform. The following members attended the meeting

External members present for the meeting :

- **Prin. Dr. Moses J Kolet**
- **Prof. (Dr.) Aparna Saraf**
- **Dr. Vikrant Kulkarni**

Internal faculty members of the Department present for the meeting:

- **Prof.(Dr.) Jessy Pius**
- Dr. Bhavna Narula
- **Dr. Manjusha Nikale**
- Dr. Sunil Shankhadarwar
- **Ms. Bhakti Sapkal**
- Dr. Dhanashree Shukla

Leave of absence was granted to Prof. (Dr.) Milind Sardesai, Dr. Shama Zaidi. Ms. Anjali Lade was absent. The online meeting was convened by Head of the Department Dr. Jessy Pius

The **Agenda** for the Meeting is as follows;

1. To pass the Minutes of the earlier meeting.
2. To seek approval for the change in the number of credits for PG course
3. To seek suggestions, if any, for the changes in the content of the syllabi for PostGraduate Program as per CBCS system with reference to Core Courses, Skill enhancement Courses, Discipline specific electives and seek approval for the same
4. To seek approval for the modalities of assessment and Question paper pattern for the M.Sc. Program.
5. To seek approval for the M.Sc. Entrance examinations pattern.
6. Any other matter with the permission of the Chair.

Minutes of Meeting are as follows:

Agenda Item No. 1: To pass the Minutes of the meeting held on 31ST March 2022

The minutes of the meeting had been circulated to the members. No comments have been received. The minutes were confirmed by all external members.

Action taken on the minutes of the meeting held on 31ST March 2022

Dr. Jessy Pius discussed the action taken by the department on the minutes of earlier meeting. Most of the actions decided in the earlier meeting were fulfilled by the department.

Agenda Item No. 2: To seek approval for the change in the number of credits for PG course

Dr. Jessy explained that in the existing Curriculum frame work total credits of PG is 24 per semester. Based on the feedback we received from various Departments BoS meeting, It was decided to give 8 credits to be given for Reserch project/ Internship. Also to increase the units of DSE and SEC and the credits for DSE and AECC. Therefor the total credits were increased to 100 from 96.

Agenda Item No. 3: To seek suggestions, if any, for the changes in the content of the syllabi for Post Graduate Program as per CBCS system with reference to Core Courses, Skill enhancement Courses, Discipline specific electives and seek approval for the same

Discussed:

Dr. Jessy Pius discussed the CBCS frame work and the changes made in the syllabus for PG. Also discussed the change in the total credit in PG from 96 to 100. PG CBCS structure consists of 11Core Courses, 2 AECC, 2DSE, 2 AECC, 1SEC, internship and research project. The proposed syllabus was mailed to the members in advance.

Discussed:

Suggestions given by the external BoS members are as follows:

- ✓ Dr. Aparna Saraf suggested in RPSBOT201 Unit-IV, In stress physiology with respect to temperature mention whether it is chilling or high temp, in salt resistance it should be mechanism of salt resistance

RESOLVED : Overall, the CBCS framework was accepted by the members. All proposed changes have been approved by BoS external members. Principal Moses Kolet appreciated the department for the changes made in the syllabus.

Agenda Item No. 4: To seek approval for the modalities of assessment and Question paper pattern for the M.Sc. Program.

DISCUSSED:

Dr. Jessy Pius discussed the modalities of assessment for PG classes for both theory I internal, semester end examination question paper pattern (60: 40 pattern) and also about the practical exam pattern.

RESOLVED : All proposed changes in the modalities of assessment and question paper pattern have been approved by BoS external members

Agenda Item No. 5: To seek approval for the M.Sc. Entrance examinations pattern.

DISCUSSED: Dr. Jessy informed the members that college is planning for an entrance examination for the M Sc admission. In the 1st Academic Council meeting it was discussed that

- course eligibility could be 50% marks scored at BSc
- Final admission for PG must be guided solely on basis of scores of the college entrance exam only.
- Marks -50 or 100

Suggestions given by the external BoS members are as follows:

- ✓ In minimum eligibility mention B Sc in Botany
- ✓ Can give 25 questions of 2M or 50Q of 1M and also small descriptive questions or some drawings
- ✓ Some weightage for B Sc marks can be given

RESOLVED : All the suggestions given by external members will be conveyed to Dean Academics.

Agenda Item No. 6: Any other matter with permission of the Chair.

No other matter was discussed. Dr. Jessy Pius thanked all the BoS members for attending the meeting on Zoom and the meeting was concluded.



Prof.(Dr.) Jessy Pius

Head, Department of Botany
22nd
April 2022