

Bajaj College of Science, Wardha

(Formerly known as Jankidevi Bajaj College of Science, Wardha)

Autonomous College

A Linguistic Minority College

Reaccredited 'A' Institution (CGPA 3.21), NAAC (UGC), Bangalore

College with Potential for Excellence, UGC, New Delhi

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Jamnalal Bajaj Marg,
Civil Line, Wardha – 442 001
(Maharashtra)
Uni. College No. : 652
Jr. College No. : 07-01-003

Date : 08/04/2021

Ref No. J.B.C./ /2020-2021

Department of Botany Board of Studies Meeting 2020-21 Date: 06th and 08th April, 2021

The online meeting of Board of studies (Botany) of Bajaj College of Science, Wardha (Autonomous College) was held on **Tuesday** dated **06/04/2021** for **UG B.Sc. Semester I** and on **Thursday** dated **08/04/2021** for **PG M.Sc. Semester I and II** at **11:00 am** in Department of Botany in online mode through Zoom platform..

The agenda of meeting was as follow:

- 1) Approval of minutes of last meeting of Board of Studies (December 24, 2020).
- 2) Discussion on UG syllabus, approval to proposed changes in UG syllabus of B.Sc. Sem. I and II.
- 3) Discussion on PG syllabus, approval to proposed changes in PG syllabus of M. Sc. Sem. I and II.
- 4) Any other point with the permission of the chair.

Following members attended the meeting:

S.N.	Faculty	Designation	Committee person	Signature
1	Dr. L. P. Dalal	In charge, Department of Botany, Bajaj College of Science, Wardha.	Chairman	
2	Dr. S. A. Kalkar	Professor and Head, Department of Botany, Institute of Science, Nagpur	Member, V.C. Nominee RTM, Nagpur University, Nagpur	Present Online
3	Dr. S. N. Malode	Associate Professor and Head, Department of Botany, GVISH, Amravati	Member, Subject Expert of Other University	Present Online
4	Prof. Alok Gude	Assistant Professor, Department of Botany, St. Xavier's College, Mumbai	Member, Subject Expert of Other University	Present Online
5	Dr. M. S. Phalak	General Manager R & D, Ankur Seeds Pvt. Ltd., Nagpur	Member, Industry Representative	Present Online
6	Mrs. Trupti Jagtap-Dhakate	Quality Mushroom Farms, Pune	Member, Meritorious Alumni Council	Present Online
7	Dr. P. F. Dhabarde	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member Faculty of Botany	
8	Dr. D. D. Naik	Asst. professor, Department of Botany Bajaj College of Science, Wardha	Member – Faculty of Botany	Present Online
9	Dr. A. A. Maheshwari	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member -Faculty of Botany	
10	Ms. S. N. Kalode	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member – Faculty of Botany	Present Online
11	Dr. Arati Pranjale Ghuse	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member – Faculty of Botany	Present Online

Establishment Year : 1962

Shiksha Mandal's

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Department of Botany

Board of studies meeting 2020-21

Minutes of meeting dated 06 and 08 April, 2021

The online meeting of Board of Studies (Botany) of Bajaj College of Science, Wardha (Autonomous College) was held on **Tuesday** dated **06/04/2021** for **UG B.Sc. Semester I** and on **Thursday** dated **08/04/2021** for **PG M.Sc. Semester I and II** at **11:00 am** in Department of Botany in online mode through Zoom platform.




The following agenda was discussed in the meeting.

The agenda of meeting was as follow:

- 1. Approval of minutes of last meeting of Board of Studies (December 24, 2020).**
The minutes of last meeting dated 24/06/2020 were approved unanimously by all the committee members after the discussion.
- 2. Discussion on UG syllabus, approval to proposed changes in UG syllabus of B.Sc. Sem. I.**
The discussion on UG syllabus of B.Sc. Semester I was rigorous and certain additions and some changes has been suggested by the members of BOS to be incorporated in the syllabus from academic session 2021-2022.
- 3. Discussion on PG syllabus, approval to proposed changes in PG syllabus of M. Sc. Sem. I and II.**
The discussion on PG syllabus of M.Sc. Semester I was approved with the changes and certain additions and several changes has been suggested for M.Sc. Semester II, in different papers, by the members of BOS to be incorporated in the syllabus from academic session 2021-2022.
- 4. Any other point with the permission of chair**
No other point was putforth in the meeting by the BOS members.

The meeting was ended with vote of thanks and by giving the appreciation for supporting their precious and valuable time.

Following members attended the meeting:

S.N.	Faculty	Designation	Committee person	Signature
1	Dr. L. P. Dalal	In charge, Department of Botany, Bajaj College of Science, Wardha.	Chairman	
2	Dr. S. A. Kalkar	Professor and Head, Department of Botany, Institute of Science, Nagpur	Member, V.C. Nominee RTM, Nagpur University, Nagpur	Present Online
3	Dr. S. N. Malode	Associate Professor and Head, Department of Botany, GVISH, Amravati	Member, Subject Expert of Other University	Present Online
4	Prof. Alok Gude	Assistant Professor, Department of Botany, St. Xavier's College, Mumbai	Member, Subject Expert of Other University	Present Online
5	Dr. M. S. Phalak	General Manager R & D, Ankur Seeds Pvt. Ltd., Nagpur	Member, Industry Representative	Present Online
6	Mrs. Trupti Jagtap- Dhakate	Quality Mushroom Farms, Pune	Member, Meritorious Alumni Council	Present Online
7	Dr. P. F. Dhabarde	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member	
8	Dr. D. D. Naik	Asst. professor, Department of Botany Bajaj College of Science, Wardha	Member	Present Online
9	Dr. A. A. Maheshwari	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member	
10	Ms. S. N. Kalode	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member	Present Online
11	Dr. Arati Pranjale Ghuse	Asst. Professor, Department of Botany Bajaj College of Science, Wardha	Member	Present Online

Glimpess of BOS Meeting, dated 06/04/2021 at 11:00 AM

B.Sc. BOTANY - SEMESTER - I Plant Diversity & Applications of Microbes (60 Hours)

Unit I: Viruses and Bacteria

- 1.1 Virus: General Account of Viruses and structure of TMV and HIV
- 1.2 Mycoplasma: - Structure, Reproduction.
- 1.3 Bacteria: - Cell structure, Reproduction: (Binary fission, Conjugation)
- 1.4 Cyanobacteria: -General account, Ultra cell structure, reproduction (e.g. *Nostoc*).
- 1.5 Role of microbes in Agriculture, Medicine and Industries.

Unit II: Algae

- 2.1 Classification of Algae F. E. Fritsch
- 2.2 General characters of algae with reference to Habitat, Thallus Organization, Pigmentation, Reserve food and Reproduction
- 2.3 Life history of: - *Oedogonium*, *Vaucheria*, *Chara*, *Ectocarpus*.
- 2.4 Economic Importance of Algae with special reference to Food, Industries, Agriculture and Harmful aspects

(10)

(10)



Glimpess of BOS Meeting, dated 08/04/2021 at 11:00 AM