

Establishment Year : 1962

Shiksha Mandal's

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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(Maharashtra)
Uni. College No. : 652
Jr. College No. : 07-01-003

Ref No. J.B.C./ /

Date : 24/06/2020

Board of Studies Meeting Department of Biotechnology 24/6/2020

A meeting of BOS in Biotechnology of Bajaj College of Science, Wardha(Autonomy)was held online dated 24th June 2020 at 11.30 am through zoom app. Following members attended the meeting .

Signature		
1. Dr.Mrs.Ulka A. Malode	Chairman	Attened Online
2. Dr.S.D.Patil	Subject Expert Nominee	Attened Online
3. Dr.Vijay Wadhai	Subject Expert Nominee	Attened Online
4. Dr.Mrs.S.S.Khadare	Faculty member	Attened Online
5. Dr.K.Kale	Faculty member	Attened Online

Ull/20
24.06.2020

The following points were discussed in the meeting:-

1. Confirmation of minutes of last meeting held on 27th July2019.
2. Approval of question paper pattern of B.Sc. Sem. VI for those who are willing to upgrade their grade by conducting their examination.
3. Approval of grades on the basis of (50% of internal evaluation and 50% of previous semester as per UGC and state govt. and UGC guidelines).
4. Discussion on Departmental Co-curricular, research and extension activities.
5. Principal Dr. Om Mahodaya gave more emphasis to start online courses in the subject Biotechnology.

6. Approval for change in panel of paper setter, Moderators, Answerbook Valuer and Moderators and practical examination Valuers.

7. Dr.S.D.Patil and Dr. Vijay Wadhai give suggestions to change few questions i.e. To make question more specific so that students can write the answer in more precise way and they get proper time for writing the answer.

8. Dr.S.D. Patil Suggested and show willingness in finding out particular industry for tie up with dept. of Biotechnology and the expertise for delivering talk online to students.etc.

Place: Wardha

Date :24.6.2020

Ulka

Chairman

(Dr.Mrs.Ulka Malode)

Dr. Ulka A. Malode/Bidwai
Coordinator
Dept. of Biotechnology
Bajaj College of Science, WARDHA

Enclosed:- 1) Approved sample question paper pattern of B.Sc. Sem. VI
2) Panel for paper setter and Moderator, Valuer and Modertor in Biotechnology.

BAJAJ COLLEGE OF SCIENCE, WARDHA (AUTONOMOUS)

DEPARTMENT OF BIOTECHNOLOGY MEETING OF BOARD OF STUDIES

HELD ON 24th June 2020.

PANEL FOR PAPER SETTING, MODERATION, ANSWERBOOK VALUER, MODERATOR,
PRACTICAL EXAMINER

SR. NO	Subject	Name of the Teacher	Email	Mobile NO.	Address
1	Panel for Setting Question Paper	1)Dr. Alok Roy 2) Dr.A.Y. Dawnde 3) Dr. K. Kamble	1) Alokroyswapna2011@gmail.com 2) ashokdawande@gmail.com 3) kapilkamble@live.in	94234072925 9970955121 9822604212	1) S.K.Porwal College Kamptee. 2) Arts&Science College,Pulgaon 3)S.G.B.A.University,Amravati
2	Panel for Moderation of question paper	1)Dr.Ghanwate 2)Dr. Vijay Wadhai 3)Dr.K.kamble	1) nirajghanwate@gmail.com 2) Spmicro1747@rediffmail.com 3) kapilkamble@live.in	9922445913 9422137698 9822604212	1)S.G.B.A.University,Amravati 2)S.P. College, Chandrapur 3)S.G.B.A.University,Amravati
3	Panel for Valuation of Answer Book	1)Dr. Alok Roy 2)Dr.Y.There 3)Rakesh Thakare	1) Alokroyswapna2011@gmail.com 2) yogeshwthere@gmail.com 3) rakeshrut@rediffmail.com	1) 94234072925 2)9860211485 3)9579862730	1) S.K.Porwal College kamptee. 2) Taywade College,Koradi 3)Yashwant College,lakhandur
4	Panel for Moderation of Answer book	1) Dr. Vijay Wadhai 2) Dr.Y.There 3)Dr.Rajander C.Shah	1) Spmicro1747@rediffmail.com 2) yogeshwthere@gmail.com 3) rajmicrobha@gmail.com	1)9422137698 2)9860211485 3)9423641079	1) S.P. College, Ganj Ward, Chandrapur. 2)Taywade College,Koradi 3) J.M.Patel College,Bhandara

5	Panel for External Examiners for Practical Examination	1) Dr.S,R.Moghe 2) Dr.Vivek Jedhe 3) Dr.N.B.Hirulkar	1) Sandhyamoghe@rediffmail.com 2) vivekbiochem@gmail.com 3) nhirulkar@redifmail.com	1)9860952677 2)8623003223 3)9422120447	1)Kamla Nehru Mahavidyalaya Napur. 2)Arts & Science College,Pulgaon 3)Nabira Mahavidyalaya,Katol.
6	Panel for internal Examiners for Practical Examination	1) Dr. U.A. Malode 2) Dr.K.Kale	1) Ulka9malode@gmail.com 2) Biotech.kunal13@gmail.com	9764996587/ 8668994424 9325938497	1) Bajaj College of Science, Wardha. 2) Bajaj College of Science,Wardha

Shiksha Mandal's
Bajaj College of Science, Wardha (Autonomous)

B.Sc. III – Semester VI (C.B.S.) Examination, Summer-2020

Time: 2 Hours]

Subject: Biotechnology

[Maximum Marks: 50

Sample Question Paper

Paper: Applications of Biotechnology

- Q.1. A. Write a note on trickling filter. 05
OR
B. Explain the process of biomagnifications. 05
- Q.2. A. Write a note on industrial application of GMO. 05
OR
B. Describe any two techniques involved in primary screening of industrially important microorganisms. 05
- Q.3 A. Explain the importance of quality assurance in pharmaceutical industry. 05
OR
B. Write a note on types of cheese. 05
- Q.4 A. Describe the preparation of tissue culture media. 05
OR
B. Explain the initiation and maintenance of suspension cultures. 05
- Q.5 A. Describe the maintenance of cell lines in the laboratory. 05
OR
B. Write a note on cell-cell communication. 05
- Q.6 A. Describe the concept of gene therapy. 05
OR
B. Write a note on transgenic animals. 05

Q.7. Solve any ten

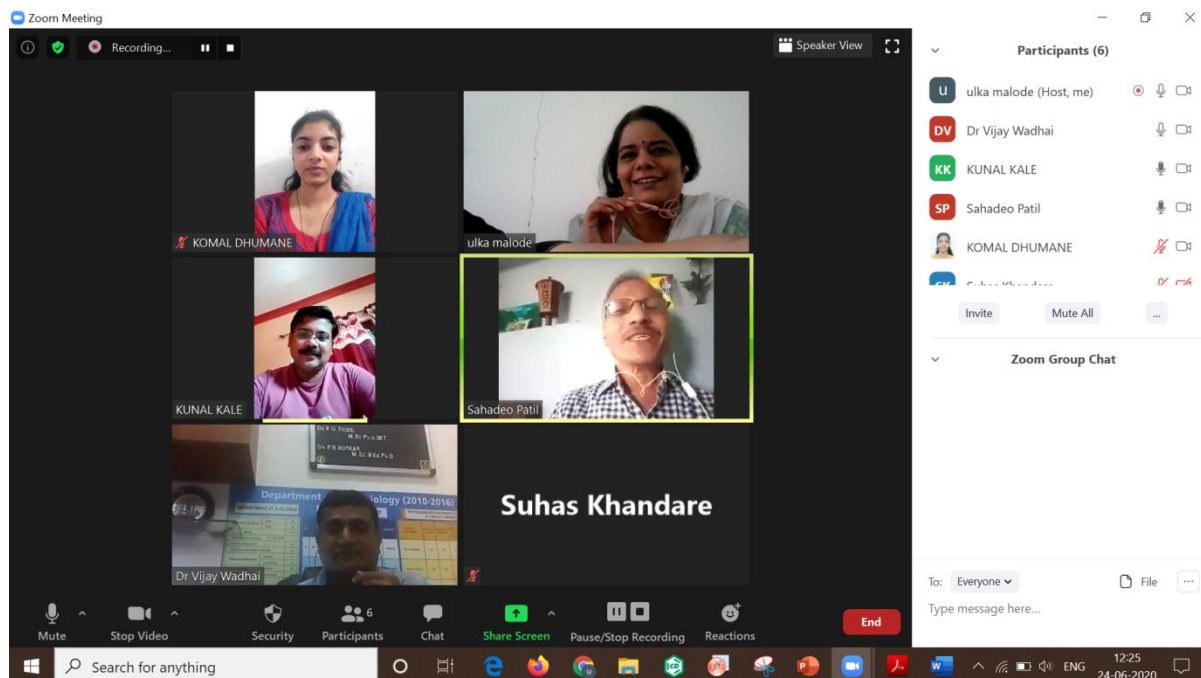
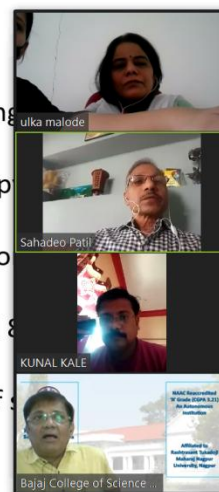
2*10= 20

- a. What is pollution and pollutant?
- b. What are MPN and MFT?
- c. What is xenobiotic compound?
- d. Define industrial Biotechnology.
- e. What is auxanographic method?
- f. What is CFU?
- g. What is Spirulina?
- h. What is ex-plant?
- i. What is somatic hybridization?
- j. What is the roll of IAA?
- k. Define immortal cells?
- l. What is trypsinization?
- m. What is genetic engineering?
- n. Give any two example of transgenic plant.

1. Confirmation of Minutes of last Meeting held on 27 July, 2020:

The following points were discussed in the meeting

- Finalization of the draft of curriculum of B.Sc. Semester VI.
- U.G. Curriculum Credit base system (CBS)
- Appropriate changes were incorporated in the syllabus with discussion among (Copy of the syllabus is attached)
- Minor changes in practical Marks alignment for final exam was finalized. (Copy of the syllabus is attached)
- Panel for paper setter/ Moderators & Valuer / Moderator for U.G. Examination was finalized.
- About 20% changes are incorporated in new syllabus and remaining covered 80% as prescribed by R.T.M. Nagpur University Nagpur.
- In the Three year degree course (six semester) this syllabus will cover 80% of the syllabus as prescribed by R.T.M. Nagpur University Nagpur.



Screenshots of meeting of BOS in Biotechnology subject dated 24/06/2020