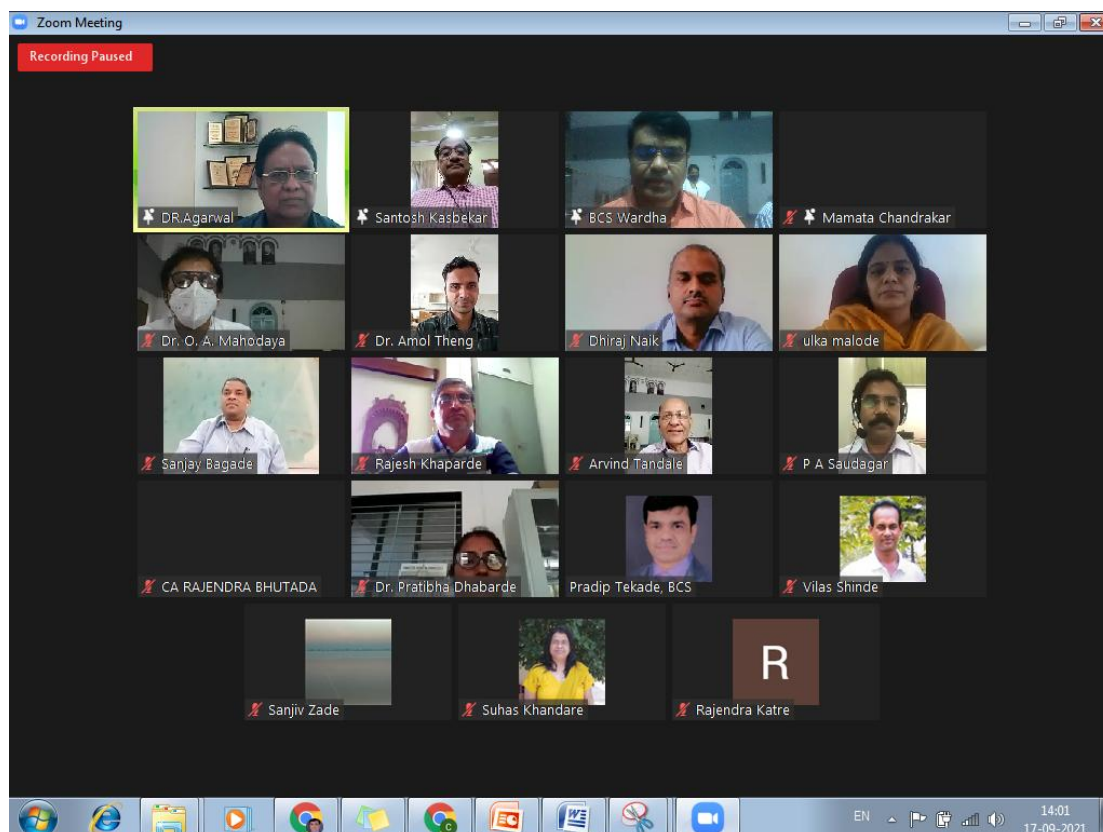


**Bajaj College of Science, Wardha**  
(Formerly known as Jankidevi Bajaj College of Science, Wardha)  
(Autonomous)

## MINUTES OF ACADEMIC COUNCIL MEETING

The online meeting of Academic Council of Bajaj College of Science, Wardha was held on 'ZOOM' platform at 12.00 noon on 17/09/2021. Following members were present online for the meeting.

Dr. Om Mahodaya	Chairman
Dr. S.V. Kasbekar	Member, University Nominee
Dr. D.K. Agarwal	Member Nominated by Governing Body
Shri. Rajendra Bhutada	Member Nominated by Governing Body
Shri. Makarand Pathak	Member Nominated by Governing Body
Dr. Rajesh Khaparde	Member Nominated by Governing Body
Dr. V.V. Shinde	Member - Head, Department of Electronics
Dr. S.S. Zade	Member - Head, Department of Mathematics
Dr. Mrs. S.S. Khandare	Member - Head, Department of Microbiology
Dr. S.H. Bagade	Member - Head, Department of Physics
Dr. P.F. Dhabarde	Member - Head, Department of Botany
Dr. M.R. Chandrakar	Member - Head, Department of Zoology
Dr. U.A. Malode	Member- Co-ordinator, Department of Biotechnology
Dr. P.A. Saudagar	Member - Co-ordinator, Department of Computer Science
Shri. R.T. Katre	Member – Teacher of the College
Dr. A.D. Theng	Member – Teacher of the College
Dr. D.D. Naik	Member – Teacher of the College
Dr. P.V. Tekade	Member Secretary



Q Find a participant

<b>D</b>	BCS Wardha (Host, me)	Unmute	More >
<b>DO</b>	Dr. O. A. Mahodaya	🔇	🗨️
<b>D</b>	DR.Agarwal	🔇	🗨️
<b>SK</b>	Santosh Kasbekar	🔇	🗨️
	Akhil Nakhate	🔇	🗨️
<b>AT</b>	Arvind Tandale	🔇	🗨️
<b>CR</b>	CA RAJENDRA BHUTADA	🔇	🗨️
<b>DN</b>	Dhiraj Naik	🔇	🗨️
	Dr. Amol Theng	🔇	🗨️
<b>DP</b>	Dr. Pratibha Dhabarde	🔇	🗨️
<b>MC</b>	Mamata Chandrakar	🔇	🗨️
	Nita Mohabansi	🔇	🗨️
<b>PA</b>	P A Saudagar	🔇	🗨️
<b>R</b>	Rajendra Katre	🔇	🗨️
<b>RK</b>	Rajesh Khaparde	🔇	🗨️

Invite Mute All ...

Member Secretary of Academic Council welcomed Chairman Dr Om Mahodaya and all the members.

Chairman of the council briefed the members about the ‘New Education policy’ and the hurdles like degree approval from Parent University, credit marks, etc. while running the autonomy. Then he directed the Member Secretary to start the proceedings.

**Agenda 1 Confirmation of the minutes of previous meeting held on 12/12/2020.**

The minutes of the meeting held on 12/12/2020 were already circulated among the members. As there was no suggestion from the members, all the members unanimously confirmed the minutes of the Academic Council meeting dated 12/12/2020.

**Agenda 2 Approval to the Academic Calendar 2021-22.**

Following the suggestions of Academic Council Meeting dated 12/12/2020, Academic Calendar for the academic year 2021-22 is prepared in three major heads – Academic Part; Curricular/ Co-curricular/Extra-curricular Activities; Examination Schedule. All the members approved it unanimously.

	<b>Months</b>	<b>Events/Activities</b>
<b>Academic Part</b>	<b>Odd Semester Session from 19<sup>th</sup> July 2021 to 30<sup>th</sup> October 2021</b>	
	19 <sup>th</sup> July 2021	Commencement of Odd Semester of B.Sc Sem III and Sem V Online Classes
	25 <sup>th</sup> August- 11 <sup>th</sup> September 2021	Admission of Odd Semester B.Sc I
	16 <sup>th</sup> September 2021	Commencement of Odd Semester of B.Sc Sem I Online Classes
	11-20 September 2021	Admission of M.Sc I
	21 <sup>st</sup> September 2021	Commencement of Odd Semester of M.Sc Sem I Online Classes
	19 <sup>th</sup> July 2021	Commencement of Even Semester of M.Sc Sem II Online Classes
	<b>31.10.2021 To 10.11.2021</b>	<b>Winter Vacation</b>
<b>Even Semester Session from 1<sup>st</sup> January 2022 to 30<sup>th</sup> April 2022</b>		
<b>Curricular/ Cocurricular/ Extracurricular Activities</b>	<b>09.05.2022 To 22.06.2022</b>	<b>Summer Vacation</b>
	<b>August</b>	1. Singing Competition To Azadi ka Amrut mahotsav-75 2. Webinar on Motivational talk by Successful Entrepreneur
	<b>September</b>	1. Teachers Day Celebration 2. International Literacy Day 3. Quiz Competition 4. Seminars Competitions 5. Webinars
	<b>October</b>	1. Mahatma Gandhi Jayanti 2. Internal Class Exam (ICE-I) 3. Impact Lecture Series Session-I 4. Small Projects
	<b>November</b>	1. Impact Lecture Series Session-II 2. Internal Class Exam (ICE-II)
	<b>January</b>	1. Republic day celebration 2. Internal Class Exam (ICE-I) 3. Quiz Competition 4. Seminars Competitions 5. Webinars 6. Scintillation
	<b>February</b>	1. Small Projects 2. College Day Function
	<b>March</b>	1. Innervate- 2022 2. Internal Class Exam (ICE-II)
<b>Examination Schedule</b>	<b>December</b>	Odd Semester Theory Exam
		Declaration of Result Odd Semester
	<b>April-May</b>	Even Semester Theory Exam
Declaration of Result Even Semester		

**Agenda 3 : Approval to the revised syllabus, examination pattern and grading system approved by various Board of Studies (April 2021 and September 2021).**

Member Secretary informed the members that the meetings of the Board of Studies of all the subjects were held in the month of April 2021 and September 2021. In these meetings Syllabi, examination pattern and grading system of UG, PG and certificate courses were revised. He urged the forum for the approval by Academic Council. All the members approved the same collectively.

**Agenda 4 : Approval to the panel of Question-paper-setters, Answer-book-Evaluators and Moderators appointed by Board of Studies (April ;2021 and September; 2021).**

Member Secretary briefed the members about the panel of Question-paper-setters, Answer-book-Evaluators and Moderators. He narrated that due to the prevailing situation of COVID-19, the existing panels were continued for this year also by Board of Studies. Member of academic council noted it.

**Agenda 5 : Discussion on results under Autonomy.**

Member Secretary presented the results under autonomy right from its inception i.e. from 2017-18 to till date. Dr. Mahodaya focused on the results of B.Sc. 1<sup>st</sup> year students. He elaborates that due to late result declaration of various entrance examinations for various courses, the students of B.Sc. I year are always found in dilemma whether to continue the course or not. Therefore, results of B.Sc. I are always found less than that of B.Sc. II and III. Dr. Agrawal put the need of academic identification of students as slow learner and advanced learner and implementation of special coaching for both of them. Chairman revealed the members that college is already running this practice. Members also discussed on enhancement of result in the online objective type examination in COVID-19 period. Members discussed the results at a length and noted the same.

Year	2017-18		2018-19			
	I	II	I	II	III	IV
B.Sc.	40.13	40.78	22.78	42.03	43.95	47.64
M.Sc. Bot.	50.00	77.27	76.19	80.95	95.00	95.00
MSc. Chem.	80.95	90.48	59.09	71.43	90.00	100.00
M.Sc. Micro.	100.00	95.45	85.71	95.24	95.45	90.90
M.Sc. Zoo.	76.47	64.71	65.00	50.00	93.75	87.50
<b>M.Sc. Math</b>						

Year	2019-20						2020-21						
	Semester	I	II	III	IV	V	VI	I	II	III	IV	V	VI
B.Sc.	30.55	96.15	49.58	98.71	76.82	100	78.15	93.02	96.37	85.26	98.71	99.00	
M.Sc. Bot.	86.36	100	100	100			100		100	100			
MSc. Chem.	77.27	100	94.12	100			95.83		100	100			
M.Sc. Micro.	95.24	100	90.48	100			100		100	100			
M.Sc. Zoo.	63.64	100	100	100			96.00		95.45	100			
<b>M.Sc. Math</b>	--	--	--	--			100		--	--			

Dr. P.F. Dhabarde, Director of Board of examination and evaluation informed the house that due to late start of session of M.Sc. Sem I (from 19th January 2021), M.Sc. Sem II Exam will be held in second week of October 2021.

**Agenda 6 : Information about approval to the degree of UG and PG courses from RTM Nagpur University, Nagpur.**

Dr. Om Mahodaya informed the members that college has received the approval to the marksheets under Autonomy, however approval to the degree is yet to receive. Dr. Agrawal suggested, to communicate the University about the delay from their side and the difficulties faced by the students thereby. Dr. Kasbekar offered to help the college in this regard and asked the Director of Board of examination and evaluation of the college to send him the concerned communication/documents regarding the approval to the degree.

**Agenda 7 : Information about Collaboration of Nonoscience and Nanotechnology Certificate Course with Fergusson College, Pune**

Dr. P.V. Tekade informed the house about the ongoing certificate courses in the college. He informed the council that, from this session, 'Nonoscience and Nanotechnology' Certificate Course will be commence in collaboration with Fergusson College, Pune.

**Agenda 8 : Any other point with the permission of the Chairman.**

**1) Approval to the Certificate Course on Industrial Wastewater Management proposed by Department of Chemistry**

Council accords permission to the Certificate Course on Industrial Wastewater Management proposed by Department of Chemistry. (Details attached in annexure I)

**2) Certificate Course on Vermicompost Technology proposed by Department of Zoology**


Council accords permission to the Certificate Course on Vermicompost Technology proposed by Department of Zoology. Dr. Khaparde suggested to keep it open for the students outside the college also. (Details attached in Annexure II)


**3) Final year Marksheets - CGPA to Percentage (Conversion Formula)**

Dr P A Saudagar and Dr P F Dhabarde briefed the meeting about CGPA to Percentage Conversion Formula (As per Annexure III attached herewith). As there is no specific guideline for such conversion for B. Sc. from the parent university, Dr Agarwal and other members unanimously agreed to entrust the rights to the Chairman of the council to take the decision in this regard after having studied the process and the methods adopted by other institutions.

The Chairman's decision in this regard is recorded separately.

Meeting ended with the vote of thanks by Dr. P.V. Tekade.

  
(Dr. R.V. Tekade)  
Member Secretary  
Academic Council

  
(Dr. Om Mahodaya)  
Principal

**Bajaj College of Science, Wardha  
Department of Chemistry****Certificate Course On  
"INDUSTRIAL WASTEWATER MANAGEMENT"****Specifications of Course:**

A) Nature	- Certificate Course
B) Duration	- <b>60 hrs</b>
C) No. Of Students to be admitted	- <b>15-20</b>
D) Fee Proposed	- <b>200/-</b> per student

**I. COURSE OVERVIEW:**

This course provides an understanding of various processes involved in the treatment of waste water generated due to the anthropogenic activities prior to its discharge into the environment or its re-use. This course aids to understand various terminologies used in industrial wastewater treatment and to acquaint with different stages involved in treatment of industrial wastewater.

**II. PREREQUISITE(S): UG/PG****III. COURSE OBJECTIVES:**

The objective of the course is to impart knowledge and skills to the learner to:

1. Distinguish between the quality of domestic and industrial water requirements.
2. Understand the industrial process, water utilization and waste water generation.
3. Impart knowledge on selection of treatment methods for industrial wastewater.
4. Gain knowledge on different techniques and methods for minimizing the generation.
5. Application of physicochemical and biological treatment methods for recovery, reuse and disposal of industrial wastewater.

**IV. COURSE OUTCOMES:**

After completion of this course, the student will be able to demonstrate the knowledge and will have the ability to:

1. Identify environmental standards that apply to both direct and indirect industrial discharges.
2. Develop an overall treatment strategy for an industrial waste stream.
3. Specify design criteria for physical, chemical, and biological unit operations and processes necessary to treat an industrial wastewater.
4. Define and reason about fundamental concepts of waste water treatment.
5. Design, conduct experiments and the ability to analyse the waste water quality.
6. Select the most appropriate technique to control and treat industrial pollution.



Shiksha Mandal's  
**Bajaj College of Science, Wardha**

**Department of Zoology**

**Certificate course on  
 Vermicompost Technology**

**I. Specification of the Course**

A) Nature	Certificate course
B) Duration	60 hrs
C) Number of students to be admitted	15 to 20
D) Fee proposed	Rs. 200/-
E) Eligibility	10+2 (Any stream)

**II. Objective of the course:**

- I. To develop scientific temperament among the students on vermiculture and vermicompost with special reference to natural production of organic manure.
- II. To develop the knowledge of recycling of garbage waste to compost which can be a source of income.
- III. To develop and give ideas to students to become entrepreneurs by making vermicompost and selling them.
- IV. To make students residing in cities start vermicompost in small scale at houses/society and hostels.
- V. To develop skills in students so that they can be job ready for different posts in

Biofertilizer industry as Product manager, Marketing manager, Delivery manager, Project associate, Technical manager, Technician, Research associate, trainer, product analyst, processing and packaging manager, etc.

**III. Expected Outcome of the Course:**

- I. This course will lead into production of organic manure.
- II. The Kitchen Waste and other garden waste would be used for this compost preparation hence decrease in the dumped garbage waste is expected.
- III. Promote students to become entrepreneurs and get jobs as Product manager, Marketing manager, Delivery manager, Project associate, Technical manager, Technician, Research associate, trainer, product analyst, processing and packaging manager, etc. in Biofertilizer industry.



## Final year Marksheets

## CGPA to Percentage (Conversion Formula)

Equivalent percentage = (CGPA) \* 9.5

Examples :

Example	Marks obt	Total	%age	CGPA	Formula (CGPA-.75)x10	Formula CGPAx9.5
1	2012	2700	74.52	7.87	71.20	74.765
2	1925	2700	71.30	7.64	68.90	72.58
3	1666	2700	61.70	6.75	60.00	64.125
4	1764	2700	65.33	7.03	62.80	66.785
5	1591	2700	58.93	6.28	55.30	59.66
6	2021	2700	74.85	8.06	73.10	76.57
7	1841	2700	68.19	7.25	65.00	68.875
8	1944	2700	72.00	7.81	70.60	74.195
9	2119	2700	78.48	8.55	78.00	81.225
10	2233	2700	82.70	8.75	80.00	83.125
11	2073	2700	76.78	8.11	73.60	77.045
12	2222	2700	82.30	8.78	80.30	83.41
13	2585	2700	95.74	10	92.50	95
14	2207	2700	81.74	8.58	78.30	81.51
15	2419	2700	89.59	9.45	87.00	89.775
16	2393	2700	88.63	9.5	87.50	90.25
17	2317	2700	85.81	9.06	83.10	86.07
18	1688	2700	62.52	6.91	61.60	65.645
19	1870	2700	69.26	7.68	69.30	72.96
20	1992	2700	73.78	7.81	70.60	74.195