

Shiksha Mandal's
Bajaj College of Science, Wardha
(An Autonomous College affiliated to RTM Nagpur University, Nagpur)

Minutes of Governing Body 15th Meeting held on October 22, 2024.

The 15th meeting of Governing Body of Bajaj College of Science, Wardha was held on Tuesday, October 22, 2024 at 2.00 pm in the Conference Room of Bajaj College of Science, Wardha. Online mode of the meeting was also made available for the members who were unable to join the meeting in person.

The agenda of the meeting was –

- 1 Confirmation of minutes of meeting held on April 10, 2024.
- 2 Information of the minutes of Academic Council meeting dated 19/09/2024
 - 2.1 - Approval for disposing off old answer sheets of the exams conducted under Autonomy.
 - 2.2 - Regarding commencement of M.Sc. Physics Programme.
 - 2.3 - Approval to Field Project guidelines and SOP.
 - 2.4 - Results of Summer 2024 Examination.
 - 2.5 - Status of certificate courses under Autonomy.
 - 2.6 - Approval to 'On Job Training' (OJT) guidelines and SOP
 - 2.7 - Approval to the minutes of Board of Examinations Meeting dated 19/06/2024, 28/06/2024, 06/08/2024.
 - 2.8 Finalized Academic Calendar
 - 2.9 - Activities of the college
- 3 Approval to the Budgetary provisions recommended by the Finance Committee for the academic year 2024-25.
- 4 Any other point with the permission of chair.

Following members were present for the meeting –



- 1) Shri. Sanjay Bhargava, Chairman
- 2) Dr. Arvind Sahu, Member (Attended online)
- 3) Dr. Mrs. V.V. Wanmali, Member
- 4) Dr. S.H. Bagade, Member
- 5) Dr. P.F. Dhabarde, Member
- 6) Shri. Bhupendra Lohiya, Special invitee
- 7) Dr. M.R. Chandrakar, Special invitee
- 8) Dr. P.A. Saudagar, IQAC Co-ordinator
- 9) Shri. G.S. Dhole, Member
- 10) Mrs. S.A. Dhore, Member
- 11) Prof. P.V. Tekade, Member Secretary



2.1 Approval for disposing off old answer sheets of the exams conducted under Autonomy.

Since 2017, under autonomy, the college has conducted several examinations and stored the valued/moderated answer books safely. But, now because of space constraints, the old answer books need to be disposed off. This will create additional space for the forthcoming examinations answer sheets / material. The Board of Examination has framed policy for disposing off old answer sheets of the exams conducted under Autonomy. **(Annexure I)**

The Academic Council has recommended to the Governing Body that the college may discard the valued answer sheets up to the Summer 2023 examination.

Slide 7 of 53
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Agenda 1 : Confirmation of the minutes of the governing body meeting dated 10/04/2024.

Minutes of the previous governing body meeting dated 10/04/2024 were already circulated to the hon'ble members for their suggestions and modification. In this meeting members approved the minutes of the previous meeting unanimously.

Agenda 2 : Information of the minutes of Academic Council meeting dated 19/09/2024

The meeting of Academic Council of Bajaj College of Science, Wardha was held on 19/09/2024. The members of Governing Body of Bajaj College of Science, Wardha were given the following information about academic council meeting.

2.1 Approval for disposing off old answer sheets of the exams conducted under Autonomy:

Member secretary informed the house that since 2017, under autonomy, the college has conducted several examinations and stored the valued/moderated answer books safely. But, now because of space constraints, the old answer books need to be disposed off. This will create additional space for the forthcoming examinations answer sheets / material. The Board of Examination has framed policy for disposing off old answer sheets of the exams conducted under Autonomy. Additionally, the Member Secretary added that all answer sheets from each semester will be kept safe until the students graduate and receive their degrees in the convocation. The policy drafted by the Board of Examination is included in **Annexure I**. The Governing Body has approved the policy proposed by the Board of Examination and recommended by the Academic Council.

2.2 Regarding commencement of M.Sc. Physics programme :

Prof. P.V. Tekade informed the meeting that the college had applied to start M.Sc. Physics programme for the academic session 2024-25. The college received permission from the State government on 15th July 2024 and obtained the first affiliation for this course on 21st August 2024 (**Annexure II**) from the parent university. The interested students for M.Sc. Physics had already taken admissions in other institutions. Governing body permitted to commence M.Sc.

Physics program from the academic session 2025-26 as recommended by the Academic Council.

2.3 Approval to Field Project Guidelines and SOP :

Member secretary updated the house that as per NEP 2020, the students of Sem IV and V have to undergo field projects and in Sem V they have internship program. So, to facilitate Field Projects and Internships, college has prepared the guidelines and operating procedure for the same. These documents are already been approved by all Board of Studies. Academic Council approved the guidelines and SOP for Field project as per **Annexure III**. Governing Body approved the same.

2.4 Results of Summer 2024 Examination :

UG Sem II Summer 2024 Examination result under NEP

Sem II	B.Sc. Botany	B.Sc. Chemistry	B.Sc. Electronics	B.Sc. Micro.	B.Sc. Maths	B.Sc. Physics	B.Sc. Zoology
% of Passing	87.18	75.00	71.43	100	68.18	70	79.41
Enrolled	39	64	14	25	22	20	34
Pass	34	48	10	25	15	14	27
Distinction	12	21	1	20	6	6	7
First Class	21	24	8	5	8	8	19
Second Class	01	3	1	0	1	0	1
Witheld	01	3	0	0	0	0	2

Subject wise result of B.Sc. Sem II under NEP

S.N.	Subject Name	Enrolled	Passed	% of Passing
1	Botany Major	37	37	100.00
2	Chemistry Major	58	55	94.83
3	Electronics Major	13	10	76.92
4	Mathematics Major	22	15	68.18
5	Microbiology Major	25	25	100.00
6	Physics Major	20	15	75.00
7	Zoology Major	31	27	87.10
8	Botany Minor	22	22	100.00
9	Chemistry Minor	33	31	93.94
10	Electronics Minor	7	4	57.14
11	Mathematics Minor	16	10	62.50
12	Microbiology Minor	28	21	75.00
13	Physics Minor	8	6	75.00
14	Zoology Minor	37	37	100.00
15	Biotech Minor	25	21	84.00
16	Computer Science Minor	29	25	86.21

UG Sem IV Summer 2024 Examination result Non-NEP

	B.Sc. Sem IV	Bot	Chem	Elect.	Micro.	Maths	Phy.	Zoo	BT	C.S.
% of Passing	58.44	81.82	71.55	58.33	75.86	49.09	64.29	74.14	62.96	76.92
Enrolled	154	54	115	23	58	52	37	57	27	25
Pass	90	45	83	14	44	27	27	43	17	20
Distinction	18	7	13	4	8	2	4	13	1	4
First Class	42	28	32	7	15	6	15	18	11	7
Second Class	30	10	37	3	20	6	7	12	5	9
Third Class	0	0	1	0	1	13	1	0	0	0

UG Sem VI Summer 2024 Examination result Non-NEP

	B.Sc. Sem VI	Bot	Chem	Elect.	Micro.	Maths	Phy.	Zoo	BT	C.S.
% of Passing	66.85	83.08	75.76	57.14	79.69	71.88	73.68	77.36	73.53	71.43
Enrolled	178	64	132	27	64	61	55	53	34	20
Pass	119	54	100	16	51	46	42	41	25	15
Distinction	32	15	19	6	10	7	20	11	4	5
First Class	62	29	36	7	25	14	16	20	13	6
Second Class	25	10	44	3	16	23	6	9	8	4
Third Class	0	0	1	0	0	2	0	1	0	0

PG Sem II Summer 2024 Examination result under NEP

Sem II	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Micro.	M.Sc. Math.	M.Sc. Zoology
% of Passing	75.00	95.45	92.31	80.00	100.00
Enrolled	16	22	13	5	8
Pass	12	21	12	4	8
Distinction	8	16	9	2	4
First Class	4	5	3	2	4
Second Class	0	0	0	0	0

PG Sem IV Summer 2024 Examination result Non-NEP

Sem IV	M.Sc. Botany	M.Sc. Chemistry	M.Sc. Micro.	M.Sc. Math.	M.Sc. Zoology
% of Passing	91.67	81.82	95.00	63.16	100.00
Enrolled	12	22	20	19	12
Pass	11	18	19	12	12
Distinction	1	5	2	1	4
First Class	8	12	16	5	8
Second Class	2	1	1	6	0

The Governing Body expressed satisfaction over the increased results and noted the information.

2.5 Status of certificate courses under Autonomy :

Concerned Department	Name of the Course	Date of commencement/ Status of the course in 2024-25
Microbiology	Carrier Oriented Course in Clinical Laboratory Technology	01/01/2025
Microbiology	Certificate Course in Introduction to Pharma and Biotech industry, CGMP, Quality control and Research in Industry	3 rd Week of September 2024
Microbiology	Certificate Course in Biofertilizer Production	January 2025
Microbiology	Green synthesis of nanoparticles	01/09/2025
Botany	Carrier Oriented Course Herb and Herbal products	September-October 2024
Botany	Certificate Course in Statistical Analysis using R	January-February 2025
Botany	Certificate Course on Mushroom Cultivation	01/12/2024
Physics	Certificate Course in Nanoscience and Nanotechnology	January 2025
Physics	Certificate Course in Astronomy and Indian Space Science	16/08/2024
Physics	Certificate Course in Arduino and sensor integration	October 2024
Computer Science	Software based “Spoken tutorial program” in association with IIT, Mumbai	July 2024
Computer Science	Certificate Course in Computer Awareness	First Week of Jan. 2025
Computer Science	Certificate Course in Data Science using R	07/01/2025
Computer Science	Certificate Course in Python for Data Analysis	20/09/2024
Chemistry	Certificate Course in Industrial Waste Water Management	01/01/2025
Chemistry	CPBFI – Certificate Program in Banking, Finance and Insurance	31/07/2024
Chemistry	Certificate Course in “Innovation, Start-up and Entrepreneurship”	15/01/2025
Chemistry	Foundations for IIT-JAM Success: Comprehensive Certificate Course	16/08/2024

Concerned Department	Name of the Course	Date of commencement/ Status of the course in 2024-25
Chemistry	Certificate Course in Soaps, Detergents and Disinfectants	10/08/2024
Zoology	Certificate Course in Vermicompost Technology	01/09/2024
Zoology	Certificate Course in Sericulture	01/09/2024
Zoology	Certificate Course in Fresh Water Fish Culture	01/09/2024
Biotechnology	Certificate Course in Green Career	01/01/2025
Biotechnology	Certificate Course in Fundamentals of Molecular Biology	20/08/2024
Electronics	Certificate Course in Circuit Maker Simulation Software (Online)	01/10/2024
Library	Certificate Course in Library Resources and Library Services	01/09/2024

The Governing Body noted the information.

2.6 Approval to 'On Job Training' (OJT) guidelines and SOP :

The house was briefed about On Job Training (OJT) guidelines and its SOP including purpose, scope and evaluation process. Governing Body approved the guidelines and SOP for On Job Training (**Annexure IV**) recommended by the Academic Council.

2.7 Approval to the minutes of Board of Examinations Meeting dated 19/06/2024, 28/06/2024, 06/08/2024 :

It has been informed to the house that the meetings of the Board of Examination were held on 19/06/2024, 28/06/2024 and 06/08/2024 (**Annexure V**). In those meetings Board of Examination approved the following -

- Guidelines for adoption of Non-NEP students in new NEP 2020 scheme,
- The scheme of continuous internal assessment for project of M.Sc. Sem II and Sem IV under new NEP 2020,
- Eligibility for awards and medals,
- Tabulation register of B.Sc. Sem VI Winter 2024 supplementary examination.

The Governing Body approved the above guidelines and schemes drafted by the Board of Examination and recommended by the Academic Council.

2.8 Finalized Academic Calander :

Academic Calendar for the Session 2024-25

Academic Part	Months	Events/Activities
	Odd Semester Session from 18th June 2024 to 30th October 2024	
	18 th June 2024	Commencement of Odd Semester of B.Sc Sem III and Sem V and M.Sc. Sem III Classes
	June 2024	Admission of Odd Semester B.Sc I and M.Sc. I under NEP
		Commencement of Odd Semester of B.Sc Sem I and M.Sc. Sem I Classes
	Diwali Vacation 29 Oct. 2024 to 21 Nov. 2024	
	Even Semester Session from 7th December 2024 to 30th April 2025	

Curricular/ Co-curricular/ Extracurricular Activities	June 2024	International Yoga Day
	July 2024	World Population Day Forest Conservation Day Induction programme for newly admitted UG/PG students Research Innovation Curricular Hour (RICH) Club Activity Institution Innovation Council (IIC) Activity
	August 2024	Quit India Movement Celebration Library Day Independence Day Celebration World Sports Day Internal Class Examination (ICE-I) RICH Club Activity, IIC Activity
	September 2024	Teachers Day Celebration International Literacy Day Hindi Diwas NSS Day RICH Club Activity, IIC Activity Internal Class Examination (ICE-II)
	October 2024	Wildlife Week Mahatma Gandhi Jayanti Wachan-Pathan Diwas World Internet Day RICH Club Activity, IIC Activity Internal Class Exam (ICE-III) / College Terminal Exam
	December 2024	Graduation Ceremony NCC Day National Aids Day Human Rights Day Minority Rights Day National Maths Day RICH Club Activity, IIC Activity NSS Camp
	January 2025	National Youth Day Army Day Republic day celebration Martyr's Day National Cleanliness Day RICH Club Activity, IIC Activity Internal Class Exam (ICE-I)
	February 2025	Marathi Rajbhasha Din National Science Day - Scintillation – 2025 RICH Club Activity, IIC Activity Internal Class Exam (ICE-II)
	March 2025	International Women's Day RICH Club Activity, IIC Activity Internal Class Exam (ICE-III) / College Terminal Exam
	April 2025	World Health Day Dr. Babasaheb Ambedkar Jayanti RICH Club Activity, IIC Activity World Book Day
Examination Schedule	24th Sept. to 26th Oct. 2024	Practical Examination of B.Sc. Sem III and V Supplementary Examinations of B.Sc./M.Sc.
	18th Oct. to 26th Oct. 2024	Terminal Examination of B.Sc. Sem I Practical Examination of B.Sc. Sem I
	22nd Nov. to 04th Dec. 2024	Regular Theory Examination of B.Sc. Sem I, Sem III, Sem V and M.Sc. Sem I & Sem III
	12th Dec. to 18th Dec. 2024	Semester Break OJT, NSS Camp, FDP, Field Projects for UG
	Dec. 2024	Declaration of Result Odd Semester
	April 2025	Even Semester Theory Exam Declaration of Result Even Semester

The Governing Body noted the finalized Academic Calendar for the Academic Year 2024-25.

2.9 Activities of the College :

Member Secretary briefed the house about the placement of students, various activities and achievements of students and staff from April 2024 to October 2024.

Training and Placement :

Sr. No.	Company Name	No. of students placed 2024-25
1	Mergen Corporates Pvt Ltd Madhapur, Telangana	1
2	AIIMS, New Delhi	1
3	University of Calcutta for the Science Academies Summer Research Fellowship Program 2024.	1
4	TCS	4
5	Amazon	1
6	AIMS, Nagpur	1
7	Inventys Research Company Pvt. Ltd.	1
	Total	10

Achievements :

- College is ranked under Top 100 Science Colleges by India Today and Outlook Magazines.
- Two students are selected at AIIMS, New Delhi, and the University of Calcutta for the Science Academics Summer Research Fellowship Programme 2024
- One student is selected for a Basic Immunology Experiment (Hands-on Workshop) at IISER Bhopal.
- One student is joined NIMHANS, Bangalore for PG programme.
- One student is selected for M.Tech. Ph.D. program at ARIES, Nainital.
- Mr. Sahil Shambharkar, M.Sc. Zoology Student is selected for higher studies in the Subject Biotechnology of Human Reproduction at University of Siena, Italy with a Scholarship Stipend of 7500/- Euro.
- Research students Miss. Bhagyashri Gharjale and Shri. Mohan Kapse from the Botany Department have been selected for a fellowship by RTM Nagpur University to pursue a Ph.D. at Bajaj College of Science.
- Four students of M.Sc. Botany won first prize in the various categories in 'Botany Fest 2024' held at Kamla Nehru Mahavidyalaya, Nagpur on the occasion of World Nature Day on 28/9/2024.
- Four students (Ms. Urvashi Pantawane, Ms. Nandini Surjuse, Ms. Teena Uike, Mr. Rahul Pawar) have qualified MH-SET Examination 2024 required for the Assistant Professorship in the college.
- Six students of M.Sc. Chemistry completed Internship Training at Mini Mines Cleantech Solution Pvt. Ltd. Bengaluru.
- Allotted SEED Money to the shortlisted research projects of the faculty.
- 22 MoUs signed with various Industry and Academic Institutes.
- Dr. Dhiraj Naik- Principal Investigator & Dr. Prashant Borkar , Dr. Lewade from RBCA (co-investigators) have sanctioned RGSTC Government of Maharashtra supported project entitled "The effect of cultivation practices, harvesting time, plant phenology, and genotypic variations on the quality, biomass, and selected active metabolites levels of medicinal plant species [Vitex negundo, Boerhavia diffusa, Tribulus terrestris, Solanum xanthocarpum, Cratavea nurvala, Commiphora wightii,

and *Celastrus paniculatus*], along with promoting medicinal plant farming” Rs. 65 lakhs.

- Dr. Abhimanyu Maheshwari, Assistant Professor, Department of Botany received a patent for “design an agricultural Input Analyzer” and Dr. Mangesh Yerpude, Assistant Professor, the Department of Physics received a patent for “design ‘A USB sensor hub for real-time safety alerts”
- Dr. B. V. Mohite has been recognized as one of the top 2% Most Influential Scientists of 2023-24 by Stanford University.

The Governing Body noted the above information and the additional information provided in **Annexure VI**.

Agenda 3 : Approval to the Budgetary provisions recommended by the Finance Committee for the academic year 2024-25 :

Prof. Tekade informed the house that the meeting of the finance committee was held on 15/10/2024.

- The budgetary provision for the academic year 2024-25 has already been approved in the meeting dated 10/04/2024. Since no revision is required in the budgetary provisions, the finance committee noted the budget.
- According to the RTM Nagpur University, Nagpur letter No. RTMNU/CDS/7192 dated 29/07/2024 and letter from Director, Higher Education, Pune letter dated 19/07/2024 colleges are instructed not to collect tuition and examination fees from the academic year 2024-25 from those girl students whose annual income is less than 8 lakh. Social welfare department will reimburse the tuition fee to the college account and the examination fee to the student account through scholarship schemes. In the guidelines it is mentioned that the college should deposit the examination fee to University. As the examination fee would be deposited to the beneficiary (student) account directly through scholarship, it is decided to collect examination fee from the students as earlier. Finance committee recommend the same for approval of Governing Body.
- According to the RTM Nagpur University, Nagpur letter No. RTMNU/CDS/7520 dated 11/10/2024, colleges are instructed not to collect tuition and examination fees from ST category students. The finance committee acknowledged this information and recommended that tuition and examination fees should not be collected from ST category students.

Governing Body approved the above recommendations of Finance Committee.

Agenda 4 : Any other points with the permission of the Chair :

4.1 Introduction of New Courses :

Prof. P.V. Tekade informed the house about the introduction of the following new courses. Dr. Saudagar, Dr. S.P. Biswas, Dr. D.D. Naik, Dr. Mrs. U.A. Malode briefed the house about the UG Minor Courses – Data Science, Industrial Pharmaceutics, Computational Statistics and Food microbiology respectively and certificate course on Gandhian Studies.

Dr. Arvind Sahu suggested to carry out survey in nearby industries before designing these curriculum. This would make the course more fruitful for the students and lead to employability. He also shared his experiences while designing the PG Diploma in Industrial Biotechnology at Regional Centre for Biotechnology, Faridabad. He assured for any guidance and help in this regard if required in future.

Shri. Sanjay Bhargava, Chairman of the Governing Body appreciated the efforts and congratulated the college for taking the initiative for such courses.

UG Minor course	Data Science
Number of Students	40
Duration	2 years
Fees	Rs. 12400/-
Eligibility for admission	HSSC or equivalent.

UG Minor course	Industrial Pharmaceutics
Duration	2 years
Number of Students	40
Fees	Rs. 12400/-
Eligibility for admission	HSSC or equivalent.

UG Minor course	Computational Statistics
Number of Students	40
Duration	2 years
Fees	Rs. 12400/-
Eligibility for admission	HSSC or equivalent.

UG Minor course	Food Microbiology
Number of Students	40
Duration	2 years
Fees	Rs. 12400/-
Eligibility for admission	HSSC or equivalent.

Certificate course	Gandhian Studies
Number of Students	320
Duration	30 Hrs.
Fees	As per Gandhi Research Foundation, Jalgaon fee structure

4.2 NEP Sensitization program :

Member Secretary informed the house that our parent institution Shiksha Mandal, Wardha is collaborating with the UGC-Malaviya Mission Teacher Training Centre (MMTTC) at Dr. Harisingh Gour Vishwavidyalaya, Sagar, for the 10-day online training program on the National Education Policy (NEP) 2020. Our institute, Bajaj College of Science has been given the opportunity to organize this online event. College will get any one of the following slot for conducting the program.

Schedule :

Slot 1 : 12th to 21st December 2024

Slot 2 : 10th to 18th November 2024

Slot 3 : 16th to 25th December 2024

The Governing Body noted the information.

4.3 Academic Support from Tuka Wardhan Foundation

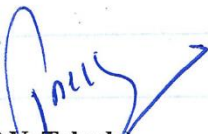
The college has received following laboratory equipment as a donation from the Tuka Wardhan Foundation, Wardha.

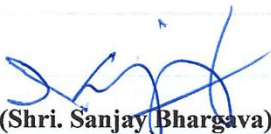
- 1) ELico CM 180 Conductivity meter,
- 2) DragonLab Topletter pipetter in various sizes (20-200ul, 200-1000ul, 2-20ul, and 0.2-2ul).

The college is grateful to Professor Dr. Sujata Bhargava, Director of the Tuka Wardhan Foundation, for the valuable academic support.

Member Secretary further informed that Bajaj College of Science is located in a mofussil area, and the students who attend come from nearby cities and villages. Many of these students come from low-income families. To make it easier for them to travel from the railway station or bus stop to the college, TUKA Wardhan foundation, Wardha and our parent organization, Shiksha Mandal, Wardha, has provided 63 bicycles to needy students. The college and all the students expressed their sincere gratitude for the help and co-operation.

The meeting was concluded after the vote of thanks by the Member Secretary.


(Prof. P.V. Tekade)
Member Secretary


(Shri. Sanjay Bhargava)
Chairman

Note : Annexures mentioned in the minutes are kept in separate box file No. 1 (Governing Body Letter, Proceedings and Annexures)