

Shiksha Mandal's
Bajaj College of Science, Wrdha

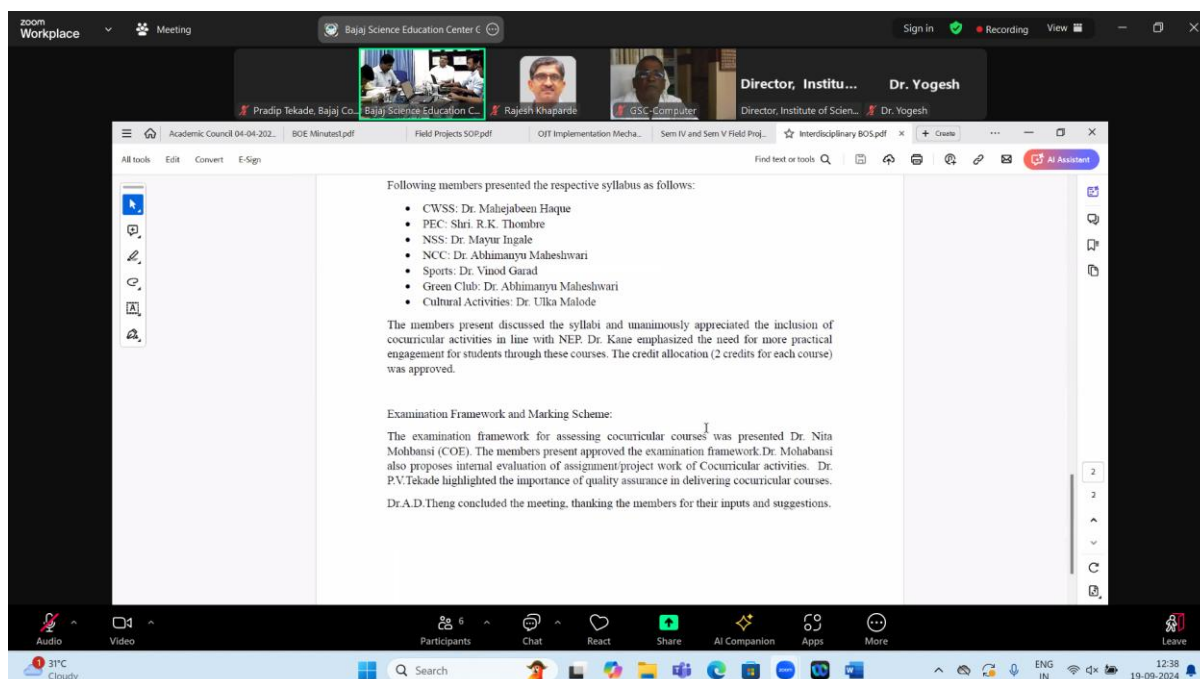
MINUTES OF ACADEMIC COUNCIL MEETING

The 19th meeting of Academic Council of Bajaj College of Science, Wardha was held in blended (offline/ online) mode on 19/09/2024 at 12.30 pm. Following members attended the meeting in person.

Prof. P.V. Tekade	Chairman
Dr. V. M. Ghodki	Member – Head, Department of Electronics
Dr. S. H. Bagade	Member - Head, Department of Physics
Dr.P.F.Dhabarde	Member – Head, Department of Botany
Dr. Mrs. N.P. Mohabansi	Member – In-charge Department of Chemistry
Shri. R.K. Thombare	Member – In-charge, Department of Languages
Dr. M.R. Chandrakar	Member – Head, Department of Zoology
Shri. R.T. Katre	Member – Teacher of the College
Dr. A.D. Theng	Member – Teacher of the College
Dr. U. A. Malode	Member – Head, Department of Microbiology
Shri. N.A. Barwat	Member – Teacher of the College
Dr. D. D. Naik	Member – Teacher of the College
Dr. B. V. Mohite	Member – Teacher of the College
Dr. P. A. Saudagar	Member Secretary

Following members attended the meeting online via Zoom.

Dr. P. S. Jhaki	Member Nominated by Parent University
Dr. Yogesh Bhute,	Member Nominated by Parent University
Dr. Rajesh Khaparde,	Member Nominated by Governing Body
Dr. J. M. Khobragade,	Member Nominated by Governing Body





Following members could not attend the meeting.

Dr. S. P. Kalantri	Member Nominated by Governing Body
Dr. Ashutosh Murkute	Member Nominated by Governing Body
Dr. Suresh Masram	Member Nominated by Parent University

At the outset member Secretary of Academic Council welcomed the Chairman Prof. P. V. Tekade and all the members of the council.

Agenda 1:

Confirmation of the minutes of previous meeting held on 04/04/2024.

The minutes of the meeting held on 04/04/2024 were already circulated among the members. No suggestions or modifications were received from the members; all the members unanimously confirmed the minutes of the Academic Council meeting dated 04/04/2024.

Agenda 2 : Approval to the minutes of BoS meetings held in the month of August 2024

Member Secretary Dr. Saudagar informed the house that the meetings of the Boards of Studies including interdisciplinary board of all the subjects were held during 26th August to 31st August 2024 and 17th September 2024 to approve the syllabi of Sem V & VI (Sem III and IV for Computer Science and Biotechnology), Electives, Major, Minor, VSC, SEC and GE/OE. Also to approve the panel of examiners for Summer 2025 exam and SOP and guidelines for Field Projects / Internship. **(Annexure I)**

House noted the information.

Agenda 3 : Approval to the minutes of Board of Examination meetings.

Controller of Examination Dr. Mrs. N.P. Mohabansi briefed the council that the meetings of the Board of Examination were held on 19/06/2024, 28/06/2024 and 06/08/2024. 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.

(Annexure II)

Information is noted by the house.

Agenda 4 : Dispose 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 Controller of Examination Dr. Mrs. N.P. Mohabansi read out the policy (**Annexure III**) for disposing the old answer sheets. The Principal of the college informed the house about reuse of the paper after recycling in the form of paper bags, files, envelopes, etc. The member appreciated the initiative and efforts of the college.

Members noted the information and permitted the COE and Principal of the college to discard the valued answer sheets upto Summer 2023 examination.

Agenda 5 : Regarding starting M.Sc. Physics course.

The college had applied to start M.Sc. Physics programme from the academic session 2024-25. The college received permission from the State government on 15/07/2024 and obtained the first affiliation for this course on 21/08/2024 (**Annexure IV**) from the parent university. The main condition specified in the said government resolution is to have a minimum of 50% admissions, which is equivalent to 11 admissions. The B.Sc. final year result of the college was announced on 14th May 2024, while the results of the B.Sc. Final year of RTM Nagpur University were declared on 23rd July 2024. Since we received the first affiliation on 21st August 2024, the interested students for M.Sc. Physics had already taken admissions or completed admission process in other institutions. As a result, we anticipate only 2 to 3 admissions this year. Therefore, we recommended to commence this program from the academic session 2025-26. Meeting noted the information and granted permission to commence M.Sc. Physics program from the academic session 2025-26. Dr. Khaparde, member of the council advised to utilize the time for promotion of M.Sc. Physics program to raise the number of applications.

Agenda 6 : Field project guidelines and SOP approval

Dr. P.A. Saudagar, Member Secretary informed the meeting that as per NEP 2020, the students of Sem IV and V have to undergo field projects and in Sem V they have internship. 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.

Shri. N.A. Barwat, Assistant Professor in Chemistry read the SOP and guidelines for field projects. Dr. Rajesh Khaparde, member of the council suggested few important modifications in the evaluation / marking scheme. Council approved the SOP and guidelines (**Annexure V**) for field project with modification.

Agenda 7 : Results Summer 2024 examination.**UG Sem II Summer 2024 Examination result under NEP**

Sem I	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

Academic Council noted the result of Summer 2024 examination.

Agenda 8 : 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	
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
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

Academic Council members appreciated the efforts and noted the information.

Agenda 9 : Activities of the college

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.
- One student represented as a Female NSS Volunteer for the Republic Day Parde Camp 2024.
- One student secured first prize in the UG category in the National level Fungal Photography Competition 2023. organized by G.M. Momin Women's College, Bhiwandi.
- Students performed 'On Job Training / Internship' program in various institutes/industries.
- Students represented RTM Nagpur University in AVISHKAR 2023-24 at the State level in Pune.
- One student of M.Sc. II Chemistry won second prize in the poster competition for research work at the Raman Conference at Savitribai Phule Pune University, Pune.
- Allotted SEED Money to the shortlisted research projects of the faculty.
- 16 MoUs signed with various Industry and Academic Institutes.
- Dr. Dhiraj Naik- Principal Investigator & Dr. Prashant Borkar , Dr. Lewade from RBCA (co-investigatos) have sanctioned RGSTC Government of Maharashtra supported project entitled sustainable utilization of medicinal plants of Maharashtra with 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.

Member Secretary also briefed about various activities (**Annexure VI**) carried out under RICH Club, IIC and Research activities. Member of the council appreciated the efforts of students, faculty and the college.

Academic Council noted the information.

Agenda 10 : Any other point with the permission of the Chair :

With the permission of Chair, the member secretary informed the house about following two points to be considered under this agenda.

10.1 Approval to 'On Job Training' (OJT) guidelines and SOP.

Mr. N.A. Barwat briefed the house about On the Job (OJT) guidelines and its SOP (**Annexure VII**). Dr. Rajesh Khaparde suggested few modifications pertaining to evaluation / marking scheme. The Chairman accepted the suggestion.

Both the documents were unanimously approved by the council members.

10.2 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.

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 / 01 year
Fees	1000

The fee structure of these courses are approved as per following :


शुल्क मंजूरी २० २५- २६ विवरणपत्र


महाविद्यालयाचे नाव :- बजाज विज्ञान महाविद्यालय, वधाी

संबंधित विद्यापीठाचे नाव :- राष्ट्रसंत तुकडोजी महाराज नागपूर विद्यापीठ, नागपूर

अ.क्र.	शुल्काचे प्रकार	Name of Course			
		B.Sc. (Data Science) I Year	B.Sc. (Industrial Pharmaceutics) I Year	B.Sc. (Computational Statistics) I Year	B.Sc. (Food Microbiology) I Year
१	शिक्षण शुल्क	9140	9140	9140	9140
२	*विकास शुल्क	0	0	0	0
	इतर शुल्क	0	0	0	0
१	प्रवेश फी	20	20	20	20
२	प्रयोगशाळा शुल्क	1237	1237	1237	1237
३	प्रशालाय शुल्क	275	275	275	275
४	जिमखाना शुल्क	330	330	330	330
५	विविधा गुणदर्शन / उपक्रम शुल्क	230	230	230	230
६	कॉलेज मॅगजीन फी	137	137	137	137
७	संगणक प्रशिक्षण फी	0	0	0	0
८	नॉंदणी शुल्क	151	151	151	151
९	विद्यार्थी विकास निधी	172	172	172	172
१०	विद्यार्थी क्रिडा निधी	34	34	34	34
११	विद्यार्थी अभ्यास निधी	36	36	36	36
१२	विद्यार्थी वैद्यकीय मदत निधी	108	108	108	108
१३	विद्यार्थी विद्यार्थी सहाय्य निधी	91	91	91	91
१४	विद्यार्थी विद्यार्थी विमा निधी	40	40	40	40
१५	क्या फेस्टिवल निधी	0	0	0	0
१६	विद्यार्थी ओळखपत्र शुल्क	34	34	34	34
१७	करीयर कट्टा	365	365	365	365
	एकूण	12400	12400	12400	12400

The meeting was concluded with vote of thanks by member secretary.


 (Dr. P.A. Saudagar)
 Member Secretary


 (Prof. P.V. Tekade)
 Principal

Note : Annexure mentioned in the minutes are kept in separate box file No. 1 (Academic Council)