



YEARLY STATUS REPORT - 2023-2024

Part A

Data of the Institution

1.Name of the Institution		Bajaj College of Science, Wardha
• Name of the Head of the institution	Prof. Pradip V. Tekade	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone No. of the Principal	07152230515	
• Alternate phone No.		
• Mobile No. (Principal)	9422556608	
• Registered e-mail ID (Principal)	jbsciencewardha@yahoo.co.in	
• Address	Bajaj College of Science, Civil Lines	
• City/Town	Wardha	
• State/UT	Maharashtra	
• Pin Code	442001	
2.Institutional status		
• Autonomous Status (Provide the date of conferment of Autonomy)	04/04/2017	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	Grants-in aid				
• Name of the IQAC Co-ordinator/Director	Dr. P. A. Saudagar				
• Phone No.	9423424803				
• Mobile No:	9423424803				
• IQAC e-mail ID	iqac.bcs@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://jbsw.shikshamandal.org/wp-content/uploads/2024/07/Accepted-AQAR-202-23.pdf				
4.Was the Academic Calendar prepared for that year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://jbsw.shikshamandal.org/wp-content/uploads/2024/08/Academic-Calendar-2023-24_240814_154740.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 3	A	3.21	2013	01/03/2013	31/12/2022
Cycle 4	B++	2.93	2023	02/08/2023	01/08/2028
6.Date of Establishment of IQAC			06/06/2000		
7.Provide the list of Special Status conferred by Central and/or State Government on the Institution/Department/Faculty/School (UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC, etc.)?					

Institution/ Department/Faculty/School	Scheme	Funding Agency	Year of Award with Duration	Amount
Bajaj College of Science, Wardha	DST-FIST PG College Level A	Department of Science and Technology, New Delhi.	19/12/2022	5700000
Bajaj College of Science, Wardha	Autonomous College Grant	UGC	01/01/2020	90000

8. Provide details regarding the composition of the IQAC:

<ul style="list-style-type: none"> Upload the latest notification regarding the composition of the IQAC by the HEI 	View File	
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9. No. of IQAC meetings held during the year**4**

<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions taken uploaded on the institutional website? 	Yes
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<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	No File Uploaded	
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10. Did IQAC receive funding from any funding agency to support its activities during the year?**No**

<ul style="list-style-type: none"> If yes, mention the amount 	
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11. Significant contributions made by IQAC during the current year (maximum five bullets)

Effective implementation of National Education Policy 2020 for both undergraduate as well as post-graduate programmes

Inclusion of the vertical Indian Knowledge System in B. Sc. Curriculum

Encouraged departments to arrange various student-oriented

activities, seminars, workshops, FDP

Increased number of placements and internships. In all 44 students were placed and 64 pursued internships.

12. Plan of action chalked out by IQAC at the beginning of the academic year towards quality enhancement and the outcome achieved by the end of the academic year:

Plan of Action	Achievements/Outcomes
Implementation of NEP 2020	Successfully adopted and implemented NEP 2020 for both undergraduate as well as post-graduate programmes
Include verticles like IKS, Vocationa and Skill Enhancement Courses	Directed and guided all departments to design curriculum to include the new verticles like VSEC, Field projects, OJT etc
To organize faculty development programmes	Online Faculty Development Programme on LaTeX was held from 23rd to 29th December, 2023
To organize National Seminar/Workshop or Conference	INNERVATE 2023 was organized in association with Indian Association of Radiation Protection in September 2023 and INNERVATE 2024 was organized in February 2024 in collaboration with Institution Innovation Council
To encourage research activities and encourage teachers to apply for research projects	Rs. 65 Lakh worth research project sanctioned; Teachers were provided with seed money to carry out research work and assisted for presenting papers in National and International Conferences

13. Was the AQAR placed before the statutory body?

Yes

- Name of the statutory body

Name of the statutory body	Date of meeting(s)
College Development Committee	22/10/2024

14. Was the institutional data submitted to AISHE ?	Yes
<ul style="list-style-type: none"> • Year 	

Year	Date of Submission
2024	16/02/2024

15. Multidisciplinary / interdisciplinary

The institution is excited to provide a flexible multidisciplinary programme that allows for many access points and exits. To address the concerns and challenges facing society, collaborative research projects are being performed with faculty, students, government agencies, NGOs, and diverse departments. These programmes support the development of young people into law abiding citizens. Effective implementation of NEP 2020 which enables student to choose verticles from different disciplines Starting a research centre to act as a connecting link between university and industries in real sense. An establishment of RICH club and Research Promotion cell to promote multidisciplinary research culture. Community based project initiation. Co curricula's and Extra-Curricular activities integration with curricula's.

16. Academic bank of credits (ABC):

The institution has successfully registered in National Academic Depository, and making students' credential available on DigiLocker Portal.. The institute's name has populated on the home page of DigiLocker. Toill date 2516 marksheets of various programmes and marksheets have been uploaded on Digi Locker. The credit transfer to the ABC ID, which is now renamed as APAAR ID, enables students to excercise the option of Multiple Entry - Mutiple Exit as suggest by NEP 2020.

17. Skill development:

The institute strongly believes in the overall development of each student and already steps in for this purpose. The institute is already offering Skill Enhancement programs under Spoken Tutorial Program of IIT, Mumbai to the students of Semester III. On the

parallel lines, institute is also running a Computer Awareness Program and Spoken English Course for the first year undergraduate students. To make them more productive, these programs are incorporated in the timetable and are mandatory. In addition to this institute is also offering interdisciplinary skill based value added certificate and PG diploma courses. Also, the institute has established Training and Placement Cell which regularly organizes the seminars and training programs for strengthening technical and soft skills of the students to enhance their employability. The institute also has a Competitive Examination Cell which aims to prepare students for various competitive examinations. The curriculum designed as per NEP 2020 includes compulsorily 14 credits dedicated to Vocational and Skill Enhancement Courses for BSc students.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

As a part of implementation of NEP 2020 the institute is offering compulsory course paper on Indian Knowledge System to BSc first year students. In B.Sc. II students have to choose one of the language as second language. The options are Marathi, Hindi. As the maximum UG and PG students are from rural areas; even if the medium of instruction is English, the faculty members are free to use trilingual (English/Hindi/Marathi) mode of delivery for better understanding. Skill based value added courses are taught in English and regional language. The institute organizes various events and activities regularly for the students to promote art and culture. The institute honours Indian languages and cultures by celebrating Hindi Divas, Mother Tongue Day, and Yoga Day. The cultural event 'Youth Fest' is organised every year to inculcate Indian culture in to them. This event comprises of various competitions like drama, dance, singing, games, etc. to promote Indian Art and culture. These programs are mostly conducted in regional Marathi and Hindi languages. The NSS camp is organized every year and a nearby village is adopted where all the activities conducted by the students emphasizes the use of regional language and their culture. In reciprocation, our students also gain the knowledge about our villages and their rich customs. The institute publishes the college magazine incorporating the various contents written by students in Marathi, Hindi, Urdu, English and other languages without any barrier.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

Outcome-Based Education (OBE) is a pedagogical model that entails the restructuring of curriculum, pedagogy and assessment practices

to reflect the achievement of high-order learning, as opposed to a mere accumulation of course credits. While the traditional education system focuses on what is taught, OBE places emphasis on what is learned, which is a student-centric model. IQAC organized faculty workshop on Outcome based Education (OBE) . All the faculties of the college were trained in OBE. Based on the training, all courses were designed under OBE paradigm with Program Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) specified. The integration of OBE in curriculum has been introduced in 2020. The student induction programme includes an orientation to the concept of outcome-based education as well as an explanation of the programme outcomes for the students. Program Outcomes (PO), Program Specific Outcomes (PSO), and Course Outcomes (CO) are clearly stated in the curriculum, and teaching-learning pedagogy adopted at the institute ensures OBE is implemented to help the youth become responsible citizens. Before the start of each semester, students are informed about the course objectives. A notable initiative was the creation of a question bank based on Bloom's taxonomy. It allows for the evaluation of students' memory, comprehension, application, analysis, evaluation, and creative abilities.

20.Distance education/online education:

The institute is prepared for distance/online mode of education. and currently using various applications meant for this purpose. The institute is registered for the spoken tutorial- an online initiative by IITs. Students are encouraged to enroll in courses offered by online portals such as Swayam, NPTEL etc. Skill oriented Value-added courses are offered in online and offline mode. In addition to this, faculty members have been encouraged to develop the econtent by using the LMS software like Moodle/Gnomio, edx, etc. Most of the e-contents developed by the faculty members are uploaded on popular websites and e-shiksha portal of the parent university so that it may be accessed anytime from any place. These developments proved to be very effective and helpful in COVID-19 pandemic to keep learning continued. Even after the pandemic, most of the faculty members are using online platforms for conducting quizzes, tests and submitting assignment to make online education popular. The institute is having ICT lab which is open for staff and students for online learning. Most of the classrooms are ICT enabled having the Wi-Fi facility.

Extended Profile

1.Programme

1.1

17

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.Student

2.1 **777**

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 **111**

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 **694**

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.Academic

3.1 **305**

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2 **30**

Number of full-time teachers during the year:

Extended Profile

1. Programme

1.1 17

Number of programmes offered during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2. Student

2.1 777

Total number of students during the year:

File Description	Documents
Institutional data in Prescribed format	View File

2.2 111

Number of outgoing / final year students during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

2.3 694

Number of students who appeared for the examinations conducted by the institution during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3. Academic

3.1 305

Number of courses in all programmes during the year:

File Description	Documents
Institutional Data in Prescribed Format	View File

3.2	30
Number of full-time teachers during the year:	
File Description	Documents
Institutional Data in Prescribed Format	View File
3.3	64
Number of sanctioned posts for the year:	
4.Institution	
4.1	99
Number of seats earmarked for reserved categories as per GOI/State Government during the year:	
4.2	27
Total number of Classrooms and Seminar halls	
4.3	197
Total number of computers on campus for academic purposes	
4.4	193.26
Total expenditure, excluding salary, during the year (INR in Lakhs):	

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

After implementing NEP STATUS in 2023-2024, the Institution has carefully adopted measures while formulating the syllabus of the Undergraduate, Postgraduate programmes, and Certificate courses for the Students (Stakeholders). During 2023-24 session the Institution ran 8 Undergraduate (Major), 5 Postgraduate, and 4 Doctoral Programmes. Additionally there 11 number of Certificate/Diploma Courses for students to enhance their

capabilities and keep them abreast with the Regional Needs. The UG and PG programmes are comprehensive academic programmes that make students capable of handling scientific instruments of physical and biological sciences, and help them to understand the general principles of basic biological and physical sciences.

The syllabus was reviewed in biannual board of studies and general council meetings during the last academic year. Prominent members from Civic society, Industries, Local and Regional Entrepreneurs, Alumni, Student Representatives and Academic Experts from local and national level are members of these important academic bodies.

Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) are clearly stated in the Prospectus and uploaded on Website of the Institution.

At the start of the last academic session, College Principal Welcomed the Students by conducting Induction programme to keep them abreast about NEP-2020 policy and new curriculum guidelines.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://jbsw.shikshamandal.org/syllabi-under-autonomy/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

236

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

1.2.1 - Number of new courses introduced across all programmes offered during the year

118

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Apart from regular curriculum, We have population education club,

Astro club having teaching incharge and students who perform activities for self development and social awareness. The college conducts these extracurricular activities involving students and teachers to address issues related to gender equality, human values.

For environment awareness, we run regular separate course of Environmental Studies for undergraduate students of semester 1 and 2 in NEP-2020 curriculum.

In PG Chemistry elective papers like Paper XI Environmental Chemistry I Theory and Practical, Paper XV Environmental Chemistry II Theory courses are taught to addresses the issues of Environment and Sustainability.

As per Supreme Court directions passed in 2014-2015, the course of environmental studies is compulsory for Degree Students. This course is conducted during the first year for enrolled UG Students. The course has 3 units (30 hours teaching) taught during first year for each semester.

The aim of teaching Environmental Studies to UG students is to make them aware of importance of Natural resources, Ecosystems, Environment pollution issues, Human population and its impact on resources and environment, Social issues, and biodiversity conservation.

Students are given the task of visiting local sites, conduct survey and write a project report.

Course details :

Total Units- 3 (30 hours) Each Semester

Sem I End Exam : 50 Marks (Continuous Internal Evaluation/ Field Work - 15 Marks; Exam - 35 Marks)

Sem II End Exam : 50 Marks (Continuous Internal Evaluation/ Field Work - 15 Marks; Exam - 35 Marks)

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

11

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above

717

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects

153

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is

B. Any 3 of the above

obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni

File Description	Documents
Provide the URL for stakeholders' feedback report	https://jbsw.shikshamandal.org/wp-content/uploads/2024/10/Feedback-report2023-24.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://jbsw.shikshamandal.org/wp-content/uploads/2024/10/Feedback-report2023-24.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

328

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

61

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution takes a proactive approach to supporting students' learning needs. They regularly assess students' academic levels and learning abilities, allowing them to identify both slow learners and advanced learners.

For slow learners, institution organizes specialized programmes and interventions to help them catch up and overcome their academic challenges. This may include providing additional tutoring, personalized instruction, and targeted skill-building exercises. Goal is to ensure that all students, regardless of their starting point, are able to progress and reach their full potential.

Similarly, institution recognizes needs of advanced learners and provides enrichment opportunities to keep them engaged and challenged. This could involve offering advanced coursework, extracurricular activities, or opportunities for research and projects. By catering to diverse learning needs within student population, the institution aims to foster the growth and development of all its students.

Through this comprehensive approach to assessment and support, the institution demonstrates its commitment to inclusive and equitable education, ensuring that every student has the resources and guidance they need to succeed. Ultimately, this commitment helps cultivate a positive learning environment where all students feel valued and motivated. By fostering collaboration among educators, parents, and students, institution builds a supportive community that prioritizes academic excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/QLM-supportingdocumentation-2.2.-1-Mentor-Mentee_Slow-and-Adv.-1er.-2023-24_compressed.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	777	51

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Student-centric methods such as experiential learning, participative learning, and problem-solving methodologies play a crucial role in enhancing educational experiences. These approaches prioritize active engagement, allowing students to take ownership of their learning journey. Experiential learning involves hands-on activities, such as fieldwork and projects, which enable students to apply theoretical knowledge in real-world contexts. This method fosters deeper understanding and retention of information.

Participative learning encourages collaboration among students, promoting discussions and teamwork. Techniques like group projects and peer-assisted learning create an interactive environment where students can share ideas and learn from one another. This collaborative approach not only enhances critical thinking skills but also builds a sense of community within the classroom.

Problem-solving methodologies challenge students to tackle real-life issues, encouraging them to think critically and creatively. By engaging in problem-based learning, students develop essential skills such as analytical thinking and decision-making.

Overall, these student-centric methods create a dynamic learning atmosphere that caters to diverse learning styles, ultimately leading to improved academic outcomes and personal growth. By fostering an environment where students are active participants, educational institutions can significantly enhance the overall learning experience.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

At Bajaj College of Science, teachers leverage ICT-enabled tools and online resources to enhance the teaching and learning process. This integration of technology allows educators to deliver content more effectively and engage students in innovative ways. By utilizing platforms such as Google Classroom and various multimedia resources, teachers can create interactive lessons that cater to diverse learning styles.

The use of online educational resources, including e-books, articles, and research papers, provides students with access to a wealth of information beyond traditional textbooks. This approach not only enriches the curriculum but also encourages students to take an active role in their learning. Furthermore, the incorporation of social networking sites and blended learning strategies fosters collaboration among students, promoting a sense of community within the classroom.

Teachers at Bajaj College of Science are committed to continuous professional development, utilizing online courses and training resources to enhance their skills in ICT integration. This dedication ensures that they remain effective in delivering quality education in a technology-driven world. Overall, the college's emphasis on ICT tools significantly contributes to creating a dynamic and engaging learning environment, preparing students for future challenges in their academic and professional pursuits.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/OLM-2.3.2_Supporting-documentation_ICT-enabled.pdf
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

51

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Bajaj College of Science places a strong emphasis on the preparation and adherence to an organized Academic Calendar and comprehensive Teaching Plans. The Academic Calendar outlines key dates, including the start and end of semesters, examination periods, and important academic events. This structured approach ensures that all stakeholders—students, faculty, and administration—are aligned and well-informed about the academic schedule.

The institution develops detailed Teaching Plans for each course, which serve as roadmaps for educators. These plans include learning objectives, instructional strategies, assessment methods, and timelines for content delivery. By adhering to these plans, teachers can maintain consistency and ensure that all necessary topics are covered within the academic year. This systematic approach not only enhances teaching effectiveness but also supports students in achieving their learning outcomes.

Regular reviews of the Academic Calendar and Teaching Plans allow for necessary adjustments based on student feedback and academic performance. This flexibility ensures that the institution can

respond to the evolving educational landscape and meet the diverse needs of its student population. Overall, Bajaj College of Science's commitment to structured planning significantly contributes to a conducive learning environment, fostering academic excellence and personal growth among students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

51

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

28

File Description	Documents
List of number of full-time teachers with PhD./ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time teachers' total teaching experience in the current institution)

459

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms

2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year

17

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year

0

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The integration of IT and reforms in the examination processes at Institution have significantly enhanced the Examination Management System (EMS). The institution has implemented a comprehensive and structured Examination Manual for managing all examination-related activities, ensuring transparency, efficiency, and accuracy.

Key reforms include the adoption of IT-enabled processes such as online submission of examination forms and generation of admit

cards, which reduces manual errors and delays. Additionally, the use of computerized systems for tabulation of marks, grade moderation, and result declaration has streamlined the evaluation process. The integration of IT has also facilitated the generation of Tabulation Registers (TR) and Gazettes, which have improved the accuracy of result processing.

Continuous Internal Assessment (CIA) is conducted through a well-defined academic calendar, with internal marks for theory and practicals consolidated and submitted electronically. This ensures prompt and secure processing of internal evaluations.

Implementation of a centralized Spot Valuation Centre ensures uniformity and confidentiality during the assessment of answer scripts. Use of technology for grievance redressal and revaluation has brought transparency and accountability to the evaluation process. IT integrations and procedural reforms have resulted in a more efficient, transparent, and student-friendly EMS, thereby enhancing the quality of the institution's examination management system.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/QLM-2.5.3-Supporting-documentation-Exam-Manual-Session-2023-24-Final.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes (POs) and Course Outcomes (COs) for all programmes offered by Institution, are meticulously defined, displayed on institution's website, and systematically communicated to both teachers and students. These outcomes aim to ensure clarity and alignment of institutional goals with academic and professional aspirations. Programme Outcomes are designed to provide graduates with disciplinary expertise, critical and analytical thinking abilities, communication skills, interdisciplinary collaboration, and technological proficiency. These outcomes are tailored for undergraduate, postgraduate, and certificate courses alike, covering various disciplines. Under Bachelor of Science (B.Sc.) programme, students gain knowledge in

core scientific disciplines and develop critical thinking, scientific reasoning, and ethical awareness. Course Outcomes (COs) are defined for every course and emphasize specific learning objectives. These outcomes are mapped to Programme Outcomes to ensure alignment in achieving academic excellence. The POs and COs are displayed on the institution's website, ensuring accessibility for all stakeholders. They are also conveyed to teachers during faculty meetings and training sessions and shared with students through orientation programmes, course handbooks, and classroom interactions. This transparent and systematic approach fosters a clear understanding of academic and professional expectations among stakeholders, ensuring the effective implementation of the institution's educational objectives.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/OLM-2-6-1-Supporting-documentation-of-POs-PSOs-COs-of-BSc-MSc-CCs-and-PG-Diploma.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) in programmes is an essential part of academic quality. Course Outcomes (COs) are defined for each course, and outcomes are mapped to both the Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). This mapping ensures that desired and required competencies outlined in POs and PSOs are achieved through course curriculum. Attainment of POs, PSOs, and COs is systematically evaluated by institution to ensure academic quality. Process involves defining clear COs for each course and mapping them to relevant POs and PSOs. Average scores of all COs mapped to specific POs and PSOs are calculated, and attainment levels are categorized into High (81-100%), Moderate (61-80%), Intermediate (41-60%), and Low (21-40%). Approach helps identify areas requiring improvement. In 2023-24 attainment report highlights varied performance levels across programmes. In B.Sc. Botany, CO1 attained 100%, while CO2 and CO3 had lower attainment levels (31.6% and 36.8%, respectively). Similarly, in B.Sc. Chemistry, CO1 achieved 100%,

whereas C02 and C03 scored 31.6% and 36.8%, respectively. These results indicate the need for focused efforts to improve performance while maintaining strengths in high-achieving areas. Institution ensures attainment of POs, PSOs, and COs, fostering continuous improvement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/OLM-Supporting-documentation 2.6.2 Attainment-report-of-POs-PSOs-COs-of-various-programmes.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

168

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/OLM-2-7-1-Student-satisfaction-survey-on-overall-performance.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Bajaj College of Science, Wardha has implemented Research Promotion Policy which aims at creating and nurturing a research culture among teachers/research scholars/UG-PG students and leverage it for enhancing professional competence of the faculty members of the institute. This policy promotes scientific temper of all teaching staff, build institutional funds (consultancy) and plans for facilitating participation in research activities. It also aims at ensuring the research activities of the institute adhering to rules and regulations as well as to establish standards related to safe and ethical conduct of research.

Laboratories of Chemistry, Botany, Zoology and Microbiology departments are recognized as a place for higher learning and research by Rashtrasant Tukdoji Maharaj Nagpur University Nagpur for Ph.D. programs. To develop a research culture at campus, few centres with sufficient infrastructure and facilities such as Sophisticated Analytical Instrument Facility (SAIF, Formerly known as Central Instrumentation Centre), RICH Club, MoE's Institution Innovation Council (IIC), Astro Club Lab, Animal Cell Culture Lab, Zoology and Botany Museum, Plant Tissue Culture Laboratory, Botanical Garden, Vermicompost Production Unit and Mulberry Garden have been established. MoU's and Collaboration with industries partners for internships, projects, on job trainings, Start-ups and Entrepreneurships as well as research are encouraged.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://jbsw.shikshamandal.org/wp-content/uploads/2024/10/1.-RESEARCH-PROMOTION-POLICY-OF-BCS.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

64.14

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

12

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.nagpuruniversity.ac.in/index.php/otherdepartment/Contentpage/index/Ri9KbXF1MEpWZjlQWlZYTzZ3PT0%3D/RlBraHZ1cEdTZnhTWlZRPQ%3D%3D/en https://www.nagpuruniversity.ac.in/index.php/otherdepartment/Contentpage/index/Ri9KbXF1MEpWUFpQWlZYTzZBPT0%3D/RlBraHZ1dFBTZnhTWlZjPQ%3D%3D/en http://www.jbsw.shikshamandal.org
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Bajaj College of Science, Wardha has established 'Research and Development Cell' under the banner of which number of ecosystems on the campus are developed to boost the research culture among teachers/research scholars/UG-PG students and to serve for the societal needs. The following facilities are created at the campus as the innovation ecosystems.

Research and Development Cell

Sophisticated Analytical Instrument Facility (SAIF) (Formerly known as Central Instrumentation Center (CIC)

Workshop and Instrumentation Centre at Department of Physics

Astro Club

Plant tissue culture Facility

Botanical Garden

Botanical Museum

Animal Tissue Culture laboratory

Zoology Museum

Vermicompost Production Unit and Mulberry Garden

Research Innovation Curricular Hours (RICH) Club

Institute's Innovation Cell (IIC)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

A. All of the above

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

10

File Description	Documents
URL to the research page on HEI website	https://jbsw.shikshamandal.org/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

6

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

17

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1vriemJ0SU1KSJScyjOiIqfGDIUiBRXv4/view?usp=sharing

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed

3.4.5.1 - Total number of Citations in Scopus during the year

10

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University

3.4.6.1 - h-index of Scopus during the year

10

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy

3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)

1.44501

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

69.60051

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

please see attached word file for description.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and students for extension activities from Government / Government-recognised bodies during the year

2

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

32

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2694

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration

3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

24

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

26

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The institute has established a robust physical infrastructure to foster an effective teaching and learning environment, supported by grants such as UGC (CPE), DBT-Star, RUSA, and DST-FIST. The management actively contributes additional financial resources to further develop these facilities, ensuring an atmosphere conducive to quality education.

Situated on a lush 37.55-acre campus, the institute boasts a built-up area of 12,233.60 square meters. This space includes classrooms, laboratories, libraries, seminar halls, playgrounds, a gymnasium, botanical and mulberry gardens, a vermicomposting unit,

and an administrative office. The institute features 27 well-equipped classrooms, 23 of which are ICT-enabled, ensuring a technology-driven learning experience.

A highlight is the Sophisticated Analytical Instrument Facility (SAIF), designed to provide advanced analytical tools such as HPLC, GC, FTIR, XRD, and UV-Vis spectrophotometers. These instruments support cutting-edge research and cater to both internal researchers and external organizations. By extending its services, SAIF promotes collaboration and scientific progress.

The institute's departments, including sciences, languages, and physical education, have dedicated infrastructure with well-maintained laboratories, internet-enabled computers, departmental libraries, and safety measures like fire extinguishers. This comprehensive setup supports academic excellence and innovative research.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Over the past five years, the college has significantly enhanced its facilities to foster student interest in sports and cultural activities. By allocating sufficient budgets and resources, the institute actively promotes participation in a variety of indoor and outdoor games. Indoor sports include badminton, table tennis, chess, and carrom, while outdoor options feature football, basketball, volleyball, softball, baseball, handball, athletics, long jump, shot put, kabaddi, kho-kho, ball badminton, netball, lawn tennis, sepak takraw, and archery.

The college has developed several standard-sized outdoor courts and fields, including a football field (116m x 75m), basketball court (28m x 15m), two volleyball courts (12m x 9m each), softball court (60m x 60m), two handball courts (40m x 20m), kabaddi court (13m x 10m), kho-kho court (25m x 14m), two ball badminton courts (24m x 12m each), archery range (90m x 30m), tennis court (90m x 30m), and netball court (30.5m x 15.25m), alongside a 200-meter athletics track.

For physical fitness, the college offers a well-equipped gymnasium with a multi-gym unit, mechanical jogger, belt vibrator, and bench press. Open from 7:00 a.m. to 7:00 p.m., these facilities are accessible to both students and staff, ensuring optimal utilization.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

23

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

113.93

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Dr. Damle Library at Bajaj College of Science is dedicated to providing the essential resources and information needed to

support the academic goals of its users, enhancing both teaching and learning experiences. Spanning 1102.624 square meters, the library features a range of specialized areas, including Reading Rooms, a Reference Section, a Rare Books Section, Issue Counters, Stack Rooms, and a Bound Volume Room. Additionally, it offers modern amenities such as LAN, Internet access, INFLIBNET, and Reprography services.

The reading room can comfortably seat up to 150 readers. Since its automation in 2008 with LibTECH software, the library has kept pace with technological advancements, upgrading to LIBMAN ILMS software in 2021. Users have open access to library materials, which can be conveniently searched through the Online Public Access Catalogue (WebOPAC) available on the library's website.

With a collection of over 45,000 books, the library emphasizes acquiring books recommended by both faculty and students. The collection is systematically organized using the Dewey Decimal Classification Scheme (22nd edition). Undergraduate students are permitted to borrow up to two books at a time, while postgraduate students and research scholars may borrow up to four books. The borrowing period is set at 10 days, with options for renewal.

A library committee, headed by the Principal and including the Librarian as member secretary alongside department heads and coordinators, oversees the smooth functioning of the library.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jbsw.shikshamandal.org/library/

4.2.2 - Institution has access to the following: A. Any 4 or more of the above
e-journals e-ShodhSindhu Shodhganga
Membership e-books Databases Remote
access to e-resources

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)

2.93

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)

4.2.4.1 - Number of teachers and students using the library per day during the year

100.04

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institution consistently strives to enhance its IT infrastructure, ensuring that both students and faculty have access to the latest technologies for regular use. Efforts have been made to update IT facilities by increasing the number of computers, printers, and LCD projectors. Additionally, the college website has been upgraded, and the online admission processes for both UG and PG programs have been streamlined.

The college houses 03 computer labs and 02 browsing centers, along with a dedicated ICT center designed to meet the needs of both students and faculty. This ICT center is equipped with 40 state-of-the-art desktop computers connected via high-speed LAN. It also features a Language Laboratory for students.

During the academic year 2023-24, the total number of computers available for student use was 197. The college has also upgraded its internet bandwidth to 100 Mbps, providing 07 independent internet connections that cover the administrative office, Principal's office, COE office, library, classrooms, the RUSA classroom, ICT lab, and various academic departments, including Mathematics, Electronics, Computer Science, Life Sciences (Botany and Zoology), Microbiology, Biotechnology, Physics, and Chemistry. Each department is equipped with computers, printers, scanners, LAN, and Wi-Fi connectivity.

The college library, fully automated since 2008 using Libtech software, was further updated in 2021 with LIBMAN ILMS software and Web OPAC functionality.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
777	197

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 750 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development:
Facilities available for e-content development
Media Centre
Audio-Visual Centre
Lecture Capturing System (LCS)
Mixing equipments and software for editing

C. Any two of the above

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

78.059

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institution has established robust systems and procedures to maintain and utilize its physical, academic, and support facilities, including classrooms, laboratories, libraries, sports complexes, and computer systems. These measures ensure a clean, efficient, and well-maintained environment for learning and other activities.

Classrooms are cleaned daily, including sweeping, mopping, and

dusting. Routine inspections are conducted for furniture, lighting, fans, and audio-visual aids, with repairs scheduled during breaks to avoid disruptions. Technical issues with smart boards or projectors are promptly addressed by the technical team.

Laboratories undergo regular inventory checks for instruments and equipment, with repairs handled by specialized technicians or suppliers. Fire extinguishers and First Aid kits are routinely inspected to uphold safety standards. Library resources are well-maintained, with damaged books repaired, rebound, or digitized. A computerized cataloging and book issuance system is managed by technical staff, with software updates and database maintenance handled by Promarc.

The sports complex is regularly cleaned, and equipment is inspected for safety, with repairs managed by the sports department and maintenance staff. Computers are maintained through software updates, virus scans, and hardware checks by the technical team. CCTV cameras and fire safety equipment are inspected regularly to ensure functionality. Outsourced services maintain washroom hygiene and outdoor cleanliness, fostering a safe and healthy campus environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

574

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded

5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology

A. All of the above

File Description	Documents
Link to Institutional website	https://jbsw.shikshamandal.org/spoken-tutorial-iit-mumbai/
Details of capability development and schemes	View File
Any additional information	View File

5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year

705

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and

A. All of the above

ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students' grievances Timely redressal of grievances through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression

5.2.1 - Number of outgoing students who got placement during the year

44

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

62

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations

during the year

5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

08

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

40

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The presence of an active Student Council in our institution is essential for fostering a democratic ethos and ensuring student representation in academic and administrative bodies. Comprising elected representatives from diverse departments, the Student Council actively engages in organizing events, facilitating workshops, and serving as a one of the important student body to address student concerns. Additionally, students are represented in key committees such as the Academic Council, IQAC, Disciplinary Committee, and Cultural and Sports Committees, allowing them to contribute to curriculum development, uphold institutional standards, and prioritize student interests in various activities. This involvement not only empowers students and enriches decision-making processes but also cultivates a sense of ownership and responsibility, enhancing their leadership skills and creating a vibrant campus community where every student feels valued and heard. Our commitment to inclusive governance continues to enhance the educational experience and responsiveness to the diverse needs

of our student body.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association and its chapters play a vital role in the development of our institution by providing substantial financial and support services that enhance educational programs and infrastructure. All graduating and post-graduating students of the session 2023-24 are registered in the association, fostering a strong network of alumni who are actively engaged in contributing to the institution's growth. The association organizes fundraising events, mentorship programs, and skill development workshops, which not only generate financial resources but also facilitate knowledge transfer and professional networking opportunities for current students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution E. <2 Lakhs

during the year

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The institute is committed to providing the best science education and to produce well-educated, socially conscious students with good values. To execute its vision and mission, institution always believes in participatory management which enables to decentralize maximum academic and administrative work. The parent management is always in harmony with the policies framed with common consent of the principal and staff. The principal is an executive head of the institution and leader all academic and administrative processes of the college. The policies are executed by the principal in consultation with heads of department, conveners, coordinators, and office superintendent.

1. Administrative Governance:

Management, Principal, Heads of the department and IQAC work in harmony to ensure smooth administration.

Management, Principal, teaching, and non-teaching representatives ensure administrative governance through College Development Committee.

Principal chairs the Finance Committee and the decisions of the finance committee are executed through heads of the department.

2. Academic governance:

The Academic Council and Board of Studies (BoS) govern the academic functioning of the College which meet periodically for curriculum redesigning and ensure effective academic discharge through the faculties. Representation of teachers in BoS, Research Promotion Committee and Board of Examination ensure teachers' participation in making academic decisions.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/mission-and-vision/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Being an autonomous institution, decentralization and participative management in academic and administrative work is an essential aspect. The responsibilities are decentralized in the order:Principal-Heads-Staff.

Administrative Decentralization and participation:

Departmental responsibilities like teaching-learning and financial mobilization are executed by the staff which is monitored by heads of the department.

To conduct various co-curricular, extracurricular, and extension activities like NSS, NCC, Centre for Women Studies and Services (CWSS), Population Education Club (PEC), Green Cell, Physical education, departmental societies and clubs like RICH Club and Astro Club are in force.

Examination decentralization and participation: To conduct all examination related work, one of the faculties is appointed as the "Director, Board of Examinations and Evaluation (Controller of Examinations). He/she corresponds with question paper setters, evaluers, and, moderators, etc. In consultation with the principal of the institute, the director's office implements a meticulous plan for the deployment of examination timetable to conduct the examination, evaluation and thereby declaration of results well in time.

Moreover, the heads of department act as the chairman of respective BoS with participation of faculties as members who are responsible for framing and updating the curriculum, question paper patterns, and assigning external and internal faculties for various exam related activities.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/college-committees-2/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college became autonomous in 2017-18 and received extension of autonomous status from 2023-24. Focusing the compliances as well as quality development of the college, following aspects were taken care of:

- Looking into the students' strength and to provide better learning atmosphere and to enhance higher learning facilities, emphasis has been given to infrastructure development in the following areas -, Expansion of Central Instrumentation Center (CIC) into Sophisticated Analytical Instrumentation Facility (SAIF) for research and innovation, ICT Laboratory, and ICT Enabled Classrooms.
- New Education Policy 2020 (NEP 2020) has been implemented in UG and PG
- PG programme in Physics has been proposed.
- New skill-oriented certificate courses have been started.
- Competitive examination cell has been introduced and guidance center has been started.
- Training and placement cell is working with a wide approach so that maximum students can get placement opportunities.
- Collaborations with industries and research laboratories/other higher education institutions have been increased.
- Online admission process successfully implemented.
- Digitalization in administration, finance, library, examination.
- Use and promotion of non-conventional energy sources has been amplified.

SAIF Web Tab: <https://jbsw.shikshamandal.org/about-the-facility/>

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jbsw.shikshamandal.org/about-the-facility/
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

As per the rules of autonomous college, statutory and non-statutory committees, and other committees are framed.

Principal, the head of the institution is responsible for administrative and academic activities, empowered to implement the policies and decisions of the statutory bodies, management, and higher bodies. IQAC plans and supervises activities for the development in collaboration with the principal. Being a grant-in-aid college, the university /state government norms are strictly followed for the appointment of staff and promotions. The selection, recruitment, and promotion of the staff of self-financed programs are as per the policy of management.

The committees are chaired by the principal, coordinators, and members (teaching and non-teaching staff). Students are active members in some committees. The institute also has College Development Committee (CDC) and Staff Council for the review and planning of policies for college development.

The institute is governed by parent organization Shiksha Mandal and the authorities are on the apex body of the institute.

Committees in force: Governing Body, Academic Council, Finance Committee, BoS, CDC, Staff Council, IQAC, Examination Cell, Academic committee, Admission committee, Research and academic relevance committee, Purchase and budget requisition committee, Prospectus committee, timetable committee, and internal examination committee, and other committees for student support.

File Description	Documents
Paste link to Organogram on the institution webpage	https://jbsw.shikshamandal.org/wp-content/uploads/2022/12/Organogram.pdf
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2023/09/College-Committee-list-2023-28.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination **A. All of the above**

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

- The institution takes care of administrative, academic, and financial development of all the staff by establishing teaching and non-teaching staff councils and cooperative society. The Staff Council is headed by the Principal as Chairman wherein issues related to the administration and policies are discussed.
- Non-teaching Association is available (Jankidevi Bajaj College of Science, Non-Teaching union affiliated to Vidarbha Vibhagiya Mahavidhyalay in Shikshetar Karmachari Sanghatna).
- Cooperative society provides loan facility to staff.
- Group insurance, Provident Fund (DCPS/ NPS/ GPF and regular contribution towards the Employee Provident Fund), Maternity and paternity leaves, Child Care leave, Uniform for Class-IV

employees, Washing Allowance to Class-IV employees are provided as per government GR.

- Welfare measure by management: Quarter facility, Festival advance, Mediclaim insurance of 5 Lac to non-grant faculty.
- The institute organizes training programs for teaching and non-teaching staff. Research Promotion Committee promotes staff to carry out research. Seed money for research is provided to full-time and contractual faculties by the institute. Sophisticated Analytical Instrumentation Facility (SAIF) for research and higher studies has been set-up by the institute and is freely accessible to staff. Library provides N-LIST-INFILBNET facility, sports facility, gymnasium, Yoga Center, parking, and canteen facilities.
- Shiksha Mandal Games organized by the parent organization.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/committee-and-policies/

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

15

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

30

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

- Various grant-in-aid and self-financed graduate and postgraduate science programmes are run by the institute. An internal auditor appointed by the parent organization -Shiksha Mandal, carries out annual audit on regular basis.
- Joint Director, Higher Education, Nagpur, the divisional head of grant-in aid colleges conducts external audit as per their audit plan and timetable.
- The grants received from UGC and DST-FIST to the institute through various projects are utilized properly and the utilization certificates for the same are submitted within due date to the respective authorities.
- External audit of RUSA grant is also done through CAG.
- The discrepancies in all the budgets are resolved immediately by the institute within stipulated time.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

30000

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The fees of the grant-in-aid courses are regulated as per the university norms. The scholarship policy is stringently followed. Scholarship-awarded students are exempted from college fees. The fund raised through fees is utilized for various expenditures and the funds for additional expenses are provided by the parent organization Shiksha Mandal. The Budget of proposed expenses of the college is passed annually by College Development Committee (CDC), whereas the budget of grants under autonomy are passed by finance committee and governing body.

The university-approved self-financed programmes are also run by the institute and their fee structure is regulated by the affiliating university. Students are also eligible for the scholarship schemes of the Government of India (GOI). The budget of expenses and planning of expenditure is made in consultation with all the heads of the department. The amount is used for teachers' remuneration, contingencies, recurring and non-recurring expenditure of self-financed programmes. The institute receives grants from various Government schemes and University. The Purchase Committee of the institute approves the purchase proposals from various departments.

Tenders and quotations are called from various firms and suppliers

and an audit of every purchase is carried out. Utilization certificates are submitted to the concerned authority.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

- NEP-2020 implemented in UG and PG programme
- The syllabus is regularly modified and updated as per the local and global needs.
- Introduced more Skill-based certificate courses.
- PG programme in Physics has been proposed.
- Feedback is regularly collected from stakeholders and analysed to assess effectiveness of curriculum.
- Teachers use ICT-tools including online resources
- Weekly meeting of mentor-mentee, academic and personal guidance, confidence building and personal growth by identifying their strengths and areas of improvement.
- Sophisticated Analytical Instrumentation Facility (SAIF) equipped with state-of-the-art instruments for promoting research and innovation.
- Consultancy services are provided.
- Seed money has been provided to promote research.
- Financial assistance provided to faculty to attend conferences, workshops, seminars, etc.
- Collaborations and MoUs with industries, research laboratories, and other higher education institutions have been increased.
- Career Katta of Bajaj College of Science, Wardha was established in association with Maharashtra Information Technology Support Center (MITSC).
- Mr. M.D. Bansinge, got appointed as the District Coordinator of Career Katta, Maharashtra Information Technology Support Center (MITSC).
- Increase in the number of students placement (37 students placed).

- Applied for Project proposal through Career Katta for Grant under CSR project and PM-USHA Grant
- Participated in NIRF ranking, academic audit and AISHE

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution reviews its teaching-learning process and learning outcomes at periodic intervals through student, teacher, and alumni feedback on curriculum, student's representation in College Development Committee (CDC) and alumni representation in BOS, reporting to IQAC external PEER team committee and by an audit of affiliating university.

The timetable is prepared by the college timetable committee. Timetable and workload distribution of the department is done by the respective heads. The departmental teaching plan is made by staff and a review of teaching-learning is taken by the heads of the department from time to time. The departmental teaching plan is also reviewed by the principal and management from time to time.

Feedback from stakeholders on the curriculum is collected, analyzed, and used for curriculum designing.

Student representative expresses his/her views on teaching-learning as well as other facilities in the meeting of the College Development Committee. His/her remarks are considered for the development of the institute.

Internal Audit: The IQAC briefs about the teaching-learning programmes, its outcome and the college activities to the external PEER team of IQAC.

External Audit: For the effective teaching-learning process and analysis of learning outcomes, institution applies to the affiliating university for the academic audit.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/wp-content/uploads/2024/12/IQAC-Report-2023-24.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://jbsw.shikshamandal.org/aqar-reports/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Bajaj College of Science, Wardha is committed to fostering a culture of gender equity, providing equal opportunities for males and females in education. To ensure a supportive environment, the college has implemented various initiatives, including:

- Robust safety and security measures, such as security personnel, CCTV cameras, and strict entry protocols.**
- A separate girls' hostel with female warden staff, mess**

facilities, and essential amenities like sanitary pad vending machines.

- Access to medical facilities, common rooms, and opportunities for participation in key administrative decisions.

- A dedicated NCC wing for girl students, promoting discipline and leadership.

- Active involvement of female staff and students in events, fests, and industrial visits.

- Inclusive governance through participation of female staff and students in strategic decision-making and administrative processes.

- Regular parent-teacher meetings and committees like ICC, CWSS, and anti-sexual harassment cells to address concerns and promote awareness.

- Workshops, webinars, and awareness programs on gender sensitivity and women's empowerment.

By promoting gender equity, the college aims to create a brighter future for all students, empowering them to achieve their full potential and participate equally in public and domestic life.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/women-cell/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The institution has implemented a comprehensive waste management system to minimize its environmental footprint. The system includes:

- Solid Waste Management: Segregation of dry and wet waste, vermicomposting, and composting. - Liquid Waste Management: Chemical Waste Treatment Plant (CWTP) for laboratory waste and proper drainage facilities. - Biomedical Waste Management: Autoclaving and sterilization of microbial waste. - E-waste Management: Partnership with Minimines Cleantech Solutions for responsible disposal and recycling. - Waste Recycling System: Recycling of paper, plastic, and glass waste.

The institution has also implemented measures to manage hazardous chemical waste, including fume-hoods, safety protocols, and treatment plants. Additionally, efforts have been made to reduce paper usage through digitization and minimize waste generation. Overall, the institution's waste management system aims to promote sustainability, reduce environmental impact, and ensure a safe and healthy campus environment.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting
Bore well /Open well recharge Construction of tanks and bunds Waste water recycling
Maintenance of water bodies and distribution system in the campus

File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows:

B. Any 3 of the above

- 1. Restricted entry of automobiles**
- 2. Use of bicycles/ Battery-powered vehicles**
- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded

7.1.6 - Quality audits on environment and energy undertaken by the institution

7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following:

B. Any 3 of the above

- 1. Green audit**
- 2. Energy audit**
- 3. Environment audit**
- 4. Clean and green campus recognitions/awards**
- 5. Beyond the campus environmental promotional activities**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

"Committed to inclusive education, our institution provides access to all, adhering to government regulations. Economically disadvantaged students benefit from affordable, value-based education.

Unity and inclusiveness are promoted through:

1. Dress code for bridging socio-economic gaps.

2. Diverse committees:

- Grievance Redressal Cell
- Anti-Sexual Harassment Cell
- Internal Compliance Committee
- SC/ST Cell
- Anti-Ragging Cell
- Discipline Committee
- Staff Council

Ensuring justice, equality, and inclusivity.

Special provisions:

1. Sports quota admissions
2. Divyangjan quota admissions

Policies fostering inclusiveness:

1. Code of Conduct
2. Divyangjan Policy
3. Gender Equity Policy
4. Community Extension Activities

NSS and NCC units organize:

1. Special camps
2. Awareness programs
3. Cultural events
4. Guest lectures

Promoting tolerance, harmony, and cultural understanding.

Annual student gatherings showcase extra-curricular talents through:

1. Cultural programs
2. Competitions
3. Traditional and folk dances from various states
4. Maharashtra's rich cultural heritage songs

Celebrating diversity, unity, and inclusiveness."

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

"Our institution champions environmental responsibility through initiatives like the Sapling Plantation Campaign on World Environment Day, fostering eco-awareness and civic duty. Students, parents, and staff collaborate for a greener campus.

Throughout the year, extension bodies (CWSS, PEC, NSS, and NCC) organize awareness programs, promoting citizenship values:

- Ahimsa Rally
- World Peace Day
- World Population Day
- World Anti-Tobacco Day
- Road Safety Rally
- Voter Awareness Campaign

Cleanliness drives instill hygiene and sanitation values.

Inspired by Mahatma Gandhi's principles, Gandhi Research Foundation conducted Gandhi Vichar Sanskar Pariksha, encouraging students to embrace responsible citizenship.

Students participated in:

- Essay competitions (Vivekanand Kendra)
- Events (Gandhi Vichar Parishad)

Empowering responsible citizens through holistic development."

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events

and festivals

S.N.

DAY

DATE

HOST DEPARTMENTS/ CELLS/COMMITTEES

1

WORLD ENVORNMENT DAY

5-Jun

BOTANY + NCC

2

INTERNATIONAL YOGA DAY

21-Jun

SPORTS + NCC

3

WORLD POPULATION DAY

11-Jul

PEC

4

FOREST CONSERVATION DAY

23-Jul

BOTANY

5

QUIT INDIA MOVEMENT

9-Aug

NCC

6

LIBRARY DAY

12-Aug

LIBRARY

7

INDEPENDENCE DAY

15-Aug

CULTURAL COMMITTEE

8

WORLD SPORTS DAY

29-Aug

SPORTS

9

TEACHER'S DAY

5-Sep

CULTURAL COMMITTEE

10

LITERACY DAY

8-Sep

PEC

11

HINDI DIVAS

14-Sep

LANGUAGE

12

NSS DAY

24-Sep

NSS

13

WILD LIFE WEEK

1 OCT - 7

OCT

ZOOLOGY+ BOTANY

14

MAHATMA GANDHI'S BIRTHDAY

2-Oct

NSS+NCC+PEC+CWSS

15

VACHAN PATHAN DAY

15-Oct

LIBRARY

16

WORLD INTERNET DAY

29-Oct

C/S

17

BIODIVERSITY DAY

24-Nov

BIOLOGICAL SCIENCES

18

CONSTITUTION DAY

26-Nov

LIBRARY

19

NCC DAY

1-Dec

NCC

20

HUMAN RIGHTS DAY

10-Dec

LIBRARY

21

NATIONAL MATHS DAY

22-Dec

MATHS

22

NATIONAL YOUTH DAY

12-Jan

NSS

23

ARMY DAY

15-Jan

NCC

24

REPUBLIC DAY

26-Jan

CULTURAL COMMITTEE

25

MARTYR'S DAY

30-Jan

NSS+NCC

26

NATIONAL CLEANLINESS DAY

30-Jan

NSS+NCC

27

MARATHI RAJBHASHA DIN

27-Feb

LANGUAGE

28

NATIONAL SCIENCE DAY

28-Feb

ALL DEPARTMENTS

29

INTERNATIONAL WOMEN'S DAY

8-Mar

CWSS

30

WORLD HEALTH DAY

7-Apr

NSS

31

BIRTH ANNIVERSARY OF DR. BABASAHEB BHIMRAO AMBEDKAR

14-Apr

LIBRARY

32

WORLD BOOK DAY

23-Apr

LIBRARY

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice-1:

Title: Spoken Tutorial of IIT Mumbai: Learning Free and Open-Source Software (FOSS) online

Best Practice-2:

A Quality Development Program for Zilla Parishad Schools of Wardha District

File Description	Documents
Best practices in the Institutional website	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/7.2 Best Practices 2023-24.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Bajaj Science Education Center: Fostering Curiosity in Young Minds

Established in 2007, the Bajaj Science Education Center aims to promote basic science education among school students in Wardha district. This interactive hub encourages children to explore and learn science through play, cultivating curiosity and excitement for scientific discovery.

Bajaj College of Science plays a vital role in supporting the center's initiatives:

Key contributions include:

- Providing academic guidance and mentorship - Access to state-of-the-art laboratories - Guiding students in project development and national-level competitions - Preparing students for the International Junior Science Olympiad program - Training school teachers from the Vidarbha Region - Facilitating connections with renowned science educators and scientists - Organizing educational tours, webinars, seminars, and science shows - Supporting astronomy enthusiasts - Mentoring ZPSchools

Website:

www.bajajsciencecenter.co.in

YouTube Channel:

<https://www.youtube.com/BajajScienceCenterWardha>

Facebook page:

www.facebook.com/BSCWARDHA

Part B

CURRICULAR ASPECTS

1.1 - Curriculum Design and Development

1.1.1 - Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which are reflected in Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) of the various Programmes offered by the Institution.

After implementing NEP STATUS in 2023-2024, the Institution has carefully adopted measures while formulating the syllabus of the Undergraduate, Postgraduate programmes, and Certificate courses for the Students (Stakeholders). During 2023-24 session the Institution ran 8 Undergraduate (Major), 5 Postgraduate, and 4 Doctoral Programmes. Additionally there 11 number of Certificate/Diploma Courses for students to enhance their capabilities and keep them abreast with the Regional Needs. The UG and PG programmes are comprehensive academic programmes that make students capable of handling scientific instruments of physical and biological sciences, and help them to understand the general principles of basic biological and physical sciences.

The syllabus was reviewed in biannual board of studies and general council meetings during the last academic year. Prominent members from Civic society, Industries, Local and Regional Entrepreneurs, Alumni, Student Representatives and Academic Experts from local and national level are members of these important academic bodies.

Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) are clearly stated in the Prospectus and uploaded on Website of the Institution.

At the start of the last academic session, College Principal Welcomed the Students by conducting Induction programme to keep them abreast about NEP-2020 policy and new curriculum guidelines.

File Description	Documents
Upload additional information, if any	No File Uploaded
Link for additional information	https://jbsw.shikshamandal.org/syllabi-under-autonomy/

1.1.2 - Number of Programmes where syllabus revision was carried out during the year

5

File Description	Documents
Minutes of relevant Academic Council/BOS meeting	View File
Details of syllabus revision during the year	View File
Any additional information	No File Uploaded

1.1.3 - Number of courses focusing on employability/entrepreneurship/ skill development offered by the Institution during the year

236

File Description	Documents
Curriculum / Syllabus of such courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approval for these courses	View File
MoUs with relevant organizations for these courses, if any	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility**1.2.1 - Number of new courses introduced across all programmes offered during the year**

118

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	View File
Any additional information	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Programmes offered through Choice Based Credit System (CBCS)/Elective Course System

12

File Description	Documents
Minutes of relevant Academic Council/BoS meetings	No File Uploaded
Any additional information	No File Uploaded
List of Add on /Certificate programs (Data Template)	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates cross-cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability, and Human Values into the curriculum

Apart from regular curriculum, We have population education club, Astro club having teaching incharge and students who perform activities for self development and social awareness. The college conducts these extracurricular activities involving students and teachers to address issues related to gender equality, human values.

For environment awareness, we run regular separate course of Environmental Studies for undergraduate students of semester 1 and 2 in NEP-2020 curriculum.

In PG Chemistry elective papers like Paper XI Environmental Chemistry I Theory and Practical, Paper XV Environmental Chemistry II Theory courses are taught to addresses the issues of Environment and Sustainability.

As per Supreme Court directions passed in 2014-2015, the course of environmental studies is compulsory for Degree Students. This course is conducted during the first year for enrolled UG Students. The course has 3 units (30 hours teaching) taught

during first year for each semester.

The aim of teaching Environmental Studies to UG students is to make them aware of importance of Natural resources, Ecosystems, Environment pollution issues, Human population and its impact on resources and environment, Social issues, and biodiversity conservation.

Students are given the task of visiting local sites, conduct survey and write a project report.

Course details :

Total Units- 3 (30 hours) Each Semester

Sem I End Exam : 50 Marks (Continuous Internal Evaluation/
Field Work - 15 Marks; Exam - 35 Marks)

Sem II End Exam : 50 Marks (Continuous Internal Evaluation/
Field Work - 15 Marks; Exam - 35 Marks)

File Description	Documents
Upload the list and description of the courses which address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics in the curriculum	View File
Any additional information	View File

1.3.2 - Number of value-added courses for imparting transferable and life skills offered during the year

11

File Description	Documents
List of value-added courses	View File
Brochure or any other document relating to value-added courses	View File
Any additional information	No File Uploaded

1.3.3 - Number of students enrolled in the courses under 1.3.2 above**717**

File Description	Documents
List of students enrolled	View File
Any additional information	No File Uploaded

1.3.4 - Number of students undertaking field work/projects/ internships / student projects**153**

File Description	Documents
List of programmes and number of students undertaking field projects / internships / student projects	View File
Any additional information	No File Uploaded

1.4 - Feedback System

1.4.1 - Structured feedback and review of the syllabus (semester-wise / year-wise) is obtained from 1) Students 2) Teachers 3) Employers and 4) Alumni	B. Any 3 of the above
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File Description	Documents
Provide the URL for stakeholders' feedback report	https://jbsw.shikshamandal.org/wp-content/uploads/2024/10/Feedback-report2023-24.pdf
Upload the Action Taken Report of the feedback as recorded by the Governing Council / Syndicate / Board of Management	View File
Any additional information	View File

1.4.2 - The feedback system of the Institution comprises the following

A. Feedback collected, analysed and action taken made available on the website

File Description	Documents
Provide URL for stakeholders' feedback report	https://jbsw.shikshamandal.org/wp-content/uploads/2024/10/Feedback-report2023-24.pdf
Any additional information	View File

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment of Students

2.1.1.1 - Number of students admitted (year-wise) during the year

328

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc.) as per the reservation policy during the year (exclusive of supernumerary seats)

61

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses students' learning levels and organises special programmes for both slow and advanced learners.

The institution takes a proactive approach to supporting students' learning needs. They regularly assess students' academic levels and learning abilities, allowing them to identify both slow learners and advanced learners.

For slow learners, institution organizes specialized programmes and interventions to help them catch up and overcome their academic challenges. This may include providing additional tutoring, personalized instruction, and targeted skill-building exercises. Goal is to ensure that all students, regardless of their starting point, are able to progress and reach their full potential.

Similarly, institution recognizes needs of advanced learners and provides enrichment opportunities to keep them engaged and challenged. This could involve offering advanced coursework, extracurricular activities, or opportunities for research and projects. By catering to diverse learning needs within student population, the institution aims to foster the growth and development of all its students.

Through this comprehensive approach to assessment and support, the institution demonstrates its commitment to inclusive and equitable education, ensuring that every student has the resources and guidance they need to succeed. Ultimately, this commitment helps cultivate a positive learning environment where all students feel valued and motivated. By fostering collaboration among educators, parents, and students, institution builds a supportive community that prioritizes academic excellence.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/QLM-supportingdocumentat ion-2.2.-1-Mentor-Mentee_Slow-and-Adv.-ler.-2023-24_compressed.pdf

2.2.2 - Student – Teacher (full-time) ratio

Year	Number of Students	Number of Teachers
Nil	777	51

File Description	Documents
Upload any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student-centric methods such as experiential learning, participative learning and problem-solving methodologies are used for enhancing learning experiences:

Student-centric methods such as experiential learning, participative learning, and problem-solving methodologies play a crucial role in enhancing educational experiences. These approaches prioritize active engagement, allowing students to take ownership of their learning journey. Experiential learning involves hands-on activities, such as fieldwork and projects, which enable students to apply theoretical knowledge in real-world contexts. This method fosters deeper understanding and retention of information.

Participative learning encourages collaboration among students, promoting discussions and teamwork. Techniques like group projects and peer-assisted learning create an interactive environment where students can share ideas and learn from one another. This collaborative approach not only enhances critical thinking skills but also builds a sense of community within the classroom.

Problem-solving methodologies challenge students to tackle real-life issues, encouraging them to think critically and creatively. By engaging in problem-based learning, students

develop essential skills such as analytical thinking and decision-making.

Overall, these student-centric methods create a dynamic learning atmosphere that caters to diverse learning styles, ultimately leading to improved academic outcomes and personal growth. By fostering an environment where students are active participants, educational institutions can significantly enhance the overall learning experience.

File Description	Documents
Upload any additional information	View File
Link for additional Information	Nil

2.3.2 - Teachers use ICT-enabled tools including online resources for effective teaching and learning

At Bajaj College of Science, teachers leverage ICT-enabled tools and online resources to enhance the teaching and learning process. This integration of technology allows educators to deliver content more effectively and engage students in innovative ways. By utilizing platforms such as Google Classroom and various multimedia resources, teachers can create interactive lessons that cater to diverse learning styles.

The use of online educational resources, including e-books, articles, and research papers, provides students with access to a wealth of information beyond traditional textbooks. This approach not only enriches the curriculum but also encourages students to take an active role in their learning. Furthermore, the incorporation of social networking sites and blended learning strategies fosters collaboration among students, promoting a sense of community within the classroom.

Teachers at Bajaj College of Science are committed to continuous professional development, utilizing online courses and training resources to enhance their skills in ICT integration. This dedication ensures that they remain effective in delivering quality education in a technology-driven world. Overall, the college's emphasis on ICT tools significantly contributes to creating a dynamic and engaging learning environment, preparing students for future challenges in their academic and professional pursuits.

File Description	Documents
Provide link for webpage describing ICT enabled tools including online resources for effective teaching and learning process	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/OLM-2.3.2_Supporting-documentation_ICT-enabled.pdf
Upload any additional information	No File Uploaded

2.3.3 - Ratio of students to mentor for academic and other related issues

2.3.3.1 - Number of mentors

51

File Description	Documents
Upload year-wise number of students enrolled and full-time teachers on roll	No File Uploaded
Circulars with regard to assigning mentors to mentees	View File

2.3.4 - Preparation and adherence to Academic Calendar and Teaching Plans by the institution

Bajaj College of Science places a strong emphasis on the preparation and adherence to an organized Academic Calendar and comprehensive Teaching Plans. The Academic Calendar outlines key dates, including the start and end of semesters, examination periods, and important academic events. This structured approach ensures that all stakeholders—students, faculty, and administration—are aligned and well-informed about the academic schedule.

The institution develops detailed Teaching Plans for each course, which serve as roadmaps for educators. These plans include learning objectives, instructional strategies, assessment methods, and timelines for content delivery. By adhering to these plans, teachers can maintain consistency and ensure that all necessary topics are covered within the academic year. This systematic approach not only enhances teaching effectiveness but also supports students in achieving their learning outcomes.

Regular reviews of the Academic Calendar and Teaching Plans allow for necessary adjustments based on student feedback and

academic performance. This flexibility ensures that the institution can respond to the evolving educational landscape and meet the diverse needs of its student population. Overall, Bajaj College of Science's commitment to structured planning significantly contributes to a conducive learning environment, fostering academic excellence and personal growth among students.

File Description	Documents
Upload the Academic Calendar and Teaching Plans during the year	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full-time teachers against sanctioned posts during the year

51

File Description	Documents
Year-wise full-time teachers and sanctioned posts for the year	View File
List of the faculty members authenticated by the Head of HEI	No File Uploaded
Any additional information	No File Uploaded

2.4.2 - Number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / DSc / DLitt during the year

28

File Description	Documents
List of number of full-time teachers with PhD/ D.M. / M.Ch. / D.N.B Super-Specialty / D.Sc. / D.Litt. and number of full-time teachers for 5 years	View File
Any additional information	No File Uploaded

2.4.3 - Total teaching experience of full-time teachers in the same institution: (Full-time

teachers' total teaching experience in the current institution)**459**

File Description	Documents
List of teachers including their PAN, designation, Department and details of their experience	View File
Any additional information	No File Uploaded

2.5 - Evaluation Process and Reforms**2.5.1 - Number of days from the date of last semester-end/ year- end examination till the declaration of results during the year****17**

File Description	Documents
List of Programmes and the date of last semester-end / year-end examinations and the date of declaration of result	View File
Any additional information	No File Uploaded

2.5.2 - Number of students' complaints/grievances against evaluation against the total number who appeared in the examinations during the year**0**

File Description	Documents
Upload the number of complaints and total number of students who appeared for exams during the year	View File
Upload any additional information	No File Uploaded

2.5.3 - IT integration and reforms in the examination procedures and processes including Continuous Internal Assessment (CIA) have brought in considerable improvement in the Examination Management System (EMS) of the Institution

The integration of IT and reforms in the examination processes at Institution have significantly enhanced the Examination Management System (EMS). The institution has implemented a comprehensive and structured Examination Manual for managing all examination-related activities, ensuring transparency,

efficiency, and accuracy.

Key reforms include the adoption of IT-enabled processes such as online submission of examination forms and generation of admit cards, which reduces manual errors and delays. Additionally, the use of computerized systems for tabulation of marks, grade moderation, and result declaration has streamlined the evaluation process. The integration of IT has also facilitated the generation of Tabulation Registers (TR) and Gazettes, which have improved the accuracy of result processing.

Continuous Internal Assessment (CIA) is conducted through a well-defined academic calendar, with internal marks for theory and practicals consolidated and submitted electronically. This ensures prompt and secure processing of internal evaluations. Implementation of a centralized Spot Valuation Centre ensures uniformity and confidentiality during the assessment of answer scripts. Use of technology for grievance redressal and revaluation has brought transparency and accountability to the evaluation process. IT integrations and procedural reforms have resulted in a more efficient, transparent, and student-friendly EMS, thereby enhancing the quality of the institution's examination management system.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/QLM-2.5.3-Supporting-documentation-Exam-Manual-Session-2023-24-Final.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme Outcomes and Course Outcomes for all Programmes offered by the institution are stated and displayed on the website and communicated to teachers and students

Programme Outcomes (POs) and Course Outcomes (COs) for all programmes offered by Institution, are meticulously defined, displayed on institution's website, and systematically communicated to both teachers and students. These outcomes aim to ensure clarity and alignment of institutional goals with academic and professional aspirations. Programme Outcomes are designed to provide graduates with disciplinary expertise,

critical and analytical thinking abilities, communication skills, interdisciplinary collaboration, and technological proficiency. These outcomes are tailored for undergraduate, postgraduate, and certificate courses alike, covering various disciplines. Under Bachelor of Science (B.Sc.) programme, students gain knowledge in core scientific disciplines and develop critical thinking, scientific reasoning, and ethical awareness. Course Outcomes (COs) are defined for every course and emphasize specific learning objectives. These outcomes are mapped to Programme Outcomes to ensure alignment in achieving academic excellence. The POs and COs are displayed on the institution's website, ensuring accessibility for all stakeholders. They are also conveyed to teachers during faculty meetings and training sessions and shared with students through orientation programmes, course handbooks, and classroom interactions. This transparent and systematic approach fosters a clear understanding of academic and professional expectations among stakeholders, ensuring the effective implementation of the institution's educational objectives.

File Description	Documents
Upload COs for all courses (exemplars from the Glossary)	View File
Upload any additional information	No File Uploaded
Link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/OLM-2-6-1-Supporting-documentation-of-POs-PSOs-COs-of-BSc-MSc-CCs-and-PG-Diploma.pdf

2.6.2 - Attainment of Programme Outcomes and Course Outcomes as evaluated by the institution

Attainment of Programme Outcomes (POs), Programme Specific Outcomes (PSOs), and Course Outcomes (COs) in programmes is an essential part of academic quality. Course Outcomes (COs) are defined for each course, and outcomes are mapped to both the Programme Outcomes (POs) and Programme Specific Outcomes (PSOs). This mapping ensures that desired and required competencies outlined in POs and PSOs are achieved through course curriculum. Attainment of POs, PSOs, and COs is systematically evaluated by institution to ensure academic quality. Process involves defining clear COs for each course and mapping them to relevant POs and PSOs. Average scores of

all COs mapped to specific POs and PSOs are calculated, and attainment levels are categorized into High (81-100%), Moderate (61-80%), Intermediate (41-60%), and Low (21-40%). Approach helps identify areas requiring improvement. In 2023-24 attainment report highlights varied performance levels across programmes. In B.Sc. Botany, CO1 attained 100%, while CO2 and CO3 had lower attainment levels (31.6% and 36.8%, respectively). Similarly, in B.Sc. Chemistry, CO1 achieved 100%, whereas CO2 and CO3 scored 31.6% and 36.8%, respectively. These results indicate the need for focused efforts to improve performance while maintaining strengths in high-achieving areas. Institution ensures attainment of POs, PSOs, and COs, fostering continuous improvement.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/QLM-Supporting-documentation_2.6.2_Attainment-report-of-POs-PSOs-COs-of-various-programmes.pdf

2.6.3 - Pass Percentage of students

2.6.3.1 - Total number of final year students who passed in the examinations conducted by Institution

168

File Description	Documents
Upload list of Programmes and number of students appear for and passed in the final year examinations	View File
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire). Results and details need to be provided as a weblink

<https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/QLM-2-7-1-Student-satisfaction-survey-on-overall-performance.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Promotion of Research and Facilities

3.1.1 - The institution's research facilities are frequently updated and there is a well-defined policy for promotion of research which is uploaded on the institutional website and implemented

Bajaj College of Science, Wardha has implemented Research Promotion Policy which aims at creating and nurturing a research culture among teachers/research scholars/UG-PG students and leverage it for enhancing professional competence of the faculty members of the institute. This policy promotes scientific temper of all teaching staff, build institutional funds (consultancy) and plans for facilitating participation in research activities. It also aims at ensuring the research activities of the institute adhering to rules and regulations as well as to establish standards related to safe and ethical conduct of research.

Laboratories of Chemistry, Botany, Zoology and Microbiology departments are recognized as a place for higher learning and research by Rashtrasant Tukdoji Maharaj Nagpur University Nagpur for Ph.D. programs. To develop a research culture at campus, few centres with sufficient infrastructure and facilities such as Sophisticated Analytical Instrument Facility (SAIF, Formerly known as Central Instrumentation Centre), RICH Club, MoE's Institution Innovation Council (IIC), Astro Club Lab, Animal Cell Culture Lab, Zoology and Botany Museum, Plant Tissue Culture Laboratory, Botanical Garden, Vermicompost Production Unit and Mulberry Garden have been established. MoU's and Collaboration with industries partners for internships, projects, on job trainings, Start-ups and Entrepreneurships as well as research are encouraged.

File Description	Documents
Upload the Minutes of the Governing Council/ Syndicate/Board of Management related to research promotion policy adoption	View File
Provide URL of policy document on promotion of research uploaded on the website	https://jbsw.shikshamandal.org/wp-content/uploads/2024/10/1.-RESEARCH-PROMOTION-POLICY-OF-BCS.pdf
Any additional information	View File

3.1.2 - The institution provides seed money to its teachers for research

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year (INR in lakhs)

6

File Description	Documents
Minutes of the relevant bodies of the institution regarding seed money	View File
Budget and expenditure statements signed by the Finance Officer indicating seed money provided and utilized	View File
List of teachers receiving grant and details of grant received	View File
Any additional information	View File

3.1.3 - Number of teachers who were awarded national / international fellowship(s) for advanced studies/research during the year

0

File Description	Documents
e-copies of the award letters of the teachers	No File Uploaded
List of teachers and details of their international fellowship(s)	View File
Any additional information	No File Uploaded

3.2 - Resource Mobilization for Research

3.2.1 - Grants received from Government and Non-Governmental agencies for research projects, endowments, Chairs during the year (INR in Lakhs)

64.14

File Description	Documents
e-copies of the grant award letters for research projects sponsored by non-governmental agencies/organizations	View File
List of projects and grant details	View File
Any additional information	No File Uploaded

3.2.2 - Number of teachers having research projects during the year

12

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil
List of research projects during the year	View File

3.2.3 - Number of teachers recognised as research guides

14

File Description	Documents
Upload copies of the letter of the university recognizing teachers as research guides	View File
Institutional data in Prescribed format	View File

3.2.4 - Number of departments having research projects funded by Government and Non-Government agencies during the year

3

File Description	Documents
Supporting document from Funding Agencies	View File
Paste link to funding agencies' website	https://www.nagpuruniversity.ac.in/index.php/otherdepartment/Contentpage/index/Ri9KbXF1MEpWZjlQWlZYTzZ3PT0%3D/RlBraHZ1cEdTZnhTWlZRPQ%3D%3D/en https://www.nagpuruniversity.ac.in/index.php/otherdepartment/Contentpage/index/Ri9KbXF1MEpWUFpQWlZYTzZBP T0%3D/RlBraHZ1dFBTZnhTWlZjPQ%3D%3D/en http://www.jbsw.shikshamandal.org
Any additional information	View File

3.3 - Innovation Ecosystem

3.3.1 - Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centres for research, entrepreneurship, community orientation, incubation, etc.

Bajaj College of Science, Wardha has established 'Research and Development Cell' under the banner of which number of ecosystems on the campus are developed to boost the research culture among teachers/research scholars/UG-PG students and to serve for the societal needs. The following facilities are created at the campus as the innovation ecosystems.

Research and Development Cell

Sophisticated Analytical Instrument Facility (SAIF) (Formerly known as Central Instrumentation Center (CIC))

Workshop and Instrumentation Centre at Department of Physics

Astro Club

Plant tissue culture Facility

Botanical Garden

Botanical Museum

Animal Tissue Culture laboratory

Zoology Museum

Vermicompost Production Unit and Mulberry Garden

Research Innovation Curricular Hours (RICH) Club

Institute's Innovation Cell (IIC)

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/

3.3.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development during the year

47

File Description	Documents
Report of the events	View File
List of workshops/seminars conducted during the year	View File
Any additional information	No File Uploaded

3.4 - Research Publications and Awards

3.4.1 - The Institution ensures implementation of its Code of Ethics for Research uploaded in the website through

A. All of the above

the following: Research Advisory Committee Ethics Committee Inclusion of Research Ethics in the research methodology course work Plagiarism check through authenticated software

File Description	Documents
Code of Ethics for Research, Research Advisory Committee and Ethics Committee constitution and list of members of these committees, software used for plagiarism check	View File
Any additional information	No File Uploaded

3.4.2 - Number of PhD candidates registered per teacher (as per the data given with regard to recognized PhD guides/ supervisors provided in Metric No. 3.2.3) during the year

3.4.2.1 - Number of PhD students registered during the year

10

File Description	Documents
URL to the research page on HEI website	https://jbsw.shikshamandal.org/
List of PhD scholars and details like name of the guide, title of thesis, and year of registration	View File
Any additional information	View File

3.4.3 - Number of research papers per teacher in CARE Journals notified on UGC website during the year

6

File Description	Documents
List of research papers by title, author, department, and year of publication	View File
Any additional information	View File

3.4.4 - Number of books and chapters in edited volumes / books published per teacher during the year

17

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://drive.google.com/file/d/1vriemJ0S UlKSJScyjOiIqfGDIUiBRXv4/view?usp=sharing

3.4.5 - Bibliometrics of the publications during the year based on average Citation Index in Scopus/ Web of Science/PubMed**3.4.5.1 - Total number of Citations in Scopus during the year**

10

File Description	Documents
Any additional information	View File
Bibliometrics of the publications during the year	View File

3.4.6 - Bibliometrics of the publications during the year based on Scopus/ Web of Science – h-Index of the University**3.4.6.1 - h-index of Scopus during the year**

10

File Description	Documents
Bibliometrics of publications based on Scopus/ Web of Science - h-index of the Institution	View File
Any additional information	View File

3.5 - Consultancy**3.5.1 - Revenue generated from consultancy and corporate training during the year (INR in lakhs)**

1.44501

File Description	Documents
Audited statements of accounts indicating the revenue generated through consultancy and corporate training	View File
List of consultants and revenue generated by them	View File
Any additional information	View File

3.5.2 - Total amount spent on developing facilities, training teachers and clerical/project staff for undertaking consultancy during the year

69.60051

File Description	Documents
Audited statements of accounts indicating the expenditure incurred on developing facilities and training teachers and staff for undertaking consultancy	View File
List of training programmes, teachers and staff trained for undertaking consultancy	No File Uploaded
List of facilities and staff available for undertaking consultancy	No File Uploaded
Any additional information	View File

3.6 - Extension Activities

3.6.1 - Extension activities carried out in the neighbourhood sensitising students to social issues for their holistic development, and the impact thereof during the year

please see attched word file for description.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

3.6.2 - Number of awards and recognition received by the Institution, its teachers and

students for extension activities from Government / Government-recognised bodies during the year

2

File Description	Documents
Number of awards for extension activities in during the year	View File
e-copy of the award letters	View File
Any additional information	No File Uploaded

3.6.3 - Number of extension and outreach programmes conducted by the institution through NSS/NCC/Red Cross/YRC, etc. during the year (including Government-initiated programmes such as Swachh Bharat, AIDS Awareness, and Gender Sensitization and those organised in collaboration with industry, community and NGOs)

32

File Description	Documents
Reports of the events organized	View File
Any additional information	View File

3.6.4 - Number of students participating in extension activities listed in 3.6.3 during the year

2694

File Description	Documents
Reports of the events	View File
Any additional information	View File

3.7 - Collaboration
3.7.1 - Number of collaborative activities during the year for research/ faculty exchange/ student exchange/ internship/ on-the-job training/ project work

24

File Description	Documents
Copies of documents highlighting collaboration	View File
Any additional information	View File

3.7.2 - Number of functional MoUs with institutions of national and/or international importance, other universities, industries, corporate houses, etc. during the year (only functional MoUs with ongoing activities to be considered)

26

File Description	Documents
e-copies of the MoUs with institution/ industry/ corporate house	View File
Details of functional MoUs with institutions of national, international importance, other institutions etc. during the year	View File
Any additional information	No File Uploaded

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching-learning, viz., classrooms, laboratories, computing equipments, etc.

The institute has established a robust physical infrastructure to foster an effective teaching and learning environment, supported by grants such as UGC (CPE), DBT-Star, RUSA, and DST-FIST. The management actively contributes additional financial resources to further develop these facilities, ensuring an atmosphere conducive to quality education.

Situated on a lush 37.55-acre campus, the institute boasts a built-up area of 12,233.60 square meters. This space includes classrooms, laboratories, libraries, seminar halls, playgrounds, a gymnasium, botanical and mulberry gardens, a vermicomposting unit, and an administrative office. The institute features 27 well-equipped classrooms, 23 of which are ICT-enabled, ensuring a technology-driven learning experience.

A highlight is the Sophisticated Analytical Instrument Facility (SAIF), designed to provide advanced analytical tools such as

HPLC, GC, FTIR, XRD, and UV-Vis spectrophotometers. These instruments support cutting-edge research and cater to both internal researchers and external organizations. By extending its services, SAIF promotes collaboration and scientific progress.

The institute's departments, including sciences, languages, and physical education, have dedicated infrastructure with well-maintained laboratories, internet-enabled computers, departmental libraries, and safety measures like fire extinguishers. This comprehensive setup supports academic excellence and innovative research.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.1.2 - The institution has adequate facilities for cultural activities, yoga, sports and games (indoor and outdoor) including gymnasium, yoga centre, auditorium etc.)

Over the past five years, the college has significantly enhanced its facilities to foster student interest in sports and cultural activities. By allocating sufficient budgets and resources, the institute actively promotes participation in a variety of indoor and outdoor games. Indoor sports include badminton, table tennis, chess, and carrom, while outdoor options feature football, basketball, volleyball, softball, baseball, handball, athletics, long jump, shot put, kabaddi, kho-kho, ball badminton, netball, lawn tennis, sepak takraw, and archery.

The college has developed several standard-sized outdoor courts and fields, including a football field (116m x 75m), basketball court (28m x 15m), two volleyball courts (12m x 9m each), softball court (60m x 60m), two handball courts (40m x 20m), kabaddi court (13m x 10m), kho-kho court (25m x 14m), two ball badminton courts (24m x 12m each), archery range (90m x 30m), tennis court (90m x 30m), and netball court (30.5m x 15.25m), alongside a 200-meter athletics track.

For physical fitness, the college offers a well-equipped gymnasium with a multi-gym unit, mechanical jogger, belt vibrator, and bench press. Open from 7:00 a.m. to 7:00 p.m.,

these facilities are accessible to both students and staff, ensuring optimal utilization.

File Description	Documents
Geotagged pictures	View File
Upload any additional information	View File
Paste link for additional information	Nil

4.1.3 - Number of classrooms and seminar halls with ICT-enabled facilities

23

File Description	Documents
Upload any additional information	View File
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure for infrastructure augmentation, excluding salary, during the year (INR in Lakhs)

113.93

File Description	Documents
Upload audited utilization statements	View File
Details of Expenditure, excluding salary, during the years	View File
Any additional information	No File Uploaded

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

The Dr. Damle Library at Bajaj College of Science is dedicated to providing the essential resources and information needed to support the academic goals of its users, enhancing both teaching and learning experiences. Spanning 1102.624 square meters, the library features a range of specialized areas,

including Reading Rooms, a Reference Section, a Rare Books Section, Issue Counters, Stack Rooms, and a Bound Volume Room. Additionally, it offers modern amenities such as LAN, Internet access, INFLIBNET, and Reprography services.

The reading room can comfortably seat up to 150 readers. Since its automation in 2008 with LibTECH software, the library has kept pace with technological advancements, upgrading to LIBMAN ILMs software in 2021. Users have open access to library materials, which can be conveniently searched through the Online Public Access Catalogue (WebOPAC) available on the library's website.

With a collection of over 45,000 books, the library emphasizes acquiring books recommended by both faculty and students. The collection is systematically organized using the Dewey Decimal Classification Scheme (22nd edition). Undergraduate students are permitted to borrow up to two books at a time, while postgraduate students and research scholars may borrow up to four books. The borrowing period is set at 10 days, with options for renewal.

A library committee, headed by the Principal and including the Librarian as member secretary alongside department heads and coordinators, oversees the smooth functioning of the library.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	https://jbsw.shikshamandal.org/library/

4.2.2 - Institution has access to the following: e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access to e-resources

A. Any 4 or more of the above

File Description	Documents
Details of subscriptions like e-journals, e-books, e-ShodhSindhu, Shodhganga membership	View File
Upload any additional information	No File Uploaded

4.2.3 - Expenditure on purchase of books/ e-books and subscription to journals/e-journals during the year (INR in lakhs)**2.93**

File Description	Documents
Audited statements of accounts	View File
Any additional information	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Usage of library by teachers and students (footfalls and login data for online access)**4.2.4.1 - Number of teachers and students using the library per day during the year****100.04**

File Description	Documents
Upload details of library usage by teachers and students	View File
Any additional information	No File Uploaded

4.3 - IT Infrastructure

4.3.1 - Institution has an IT policy covering Wi-Fi, cyber security, etc. and has allocated budget for updating its IT facilities

The institution consistently strives to enhance its IT infrastructure, ensuring that both students and faculty have access to the latest technologies for regular use. Efforts have been made to update IT facilities by increasing the number of computers, printers, and LCD projectors. Additionally, the college website has been upgraded, and the online admission processes for both UG and PG programs have been streamlined.

The college houses 03 computer labs and 02 browsing centers, along with a dedicated ICT center designed to meet the needs of both students and faculty. This ICT center is equipped with 40 state-of-the-art desktop computers connected via high-speed LAN. It also features a Language Laboratory for students.

During the academic year 2023-24, the total number of computers

available for student use was 197. The college has also upgraded its internet bandwidth to 100 Mbps, providing 07 independent internet connections that cover the administrative office, Principal's office, COE office, library, classrooms, the RUSA classroom, ICT lab, and various academic departments, including Mathematics, Electronics, Computer Science, Life Sciences (Botany and Zoology), Microbiology, Biotechnology, Physics, and Chemistry. Each department is equipped with computers, printers, scanners, LAN, and Wi-Fi connectivity.

The college library, fully automated since 2008 using Libtech software, was further updated in 2021 with LIBMAN ILMS software and Web OPAC functionality.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Student - Computer ratio

Number of Students	Number of Computers
777	197

File Description	Documents
Upload any additional information	View File

4.3.3 - Bandwidth of internet connection in the Institution and the number of students on campus

A. 250 Mbps

File Description	Documents
Details of bandwidth available in the Institution	View File
Upload any additional information	No File Uploaded

4.3.4 - Institution has facilities for e-content development: Facilities available for e-content development Media Centre Audio-Visual Centre Lecture

C. Any two of the above

Capturing System (LCS) Mixing equipments and software for editing

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil
List of facilities for e-content development (Data Template)	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of physical and academic support facilities, excluding salary component, during the year (INR in lakhs)

78.059

File Description	Documents
Audited statements of accounts	View File
Upload any additional information	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities – classrooms, laboratory, library, sports complex, computers, etc.

The institution has established robust systems and procedures to maintain and utilize its physical, academic, and support facilities, including classrooms, laboratories, libraries, sports complexes, and computer systems. These measures ensure a clean, efficient, and well-maintained environment for learning and other activities.

Classrooms are cleaned daily, including sweeping, mopping, and dusting. Routine inspections are conducted for furniture, lighting, fans, and audio-visual aids, with repairs scheduled during breaks to avoid disruptions. Technical issues with smart boards or projectors are promptly addressed by the technical team.

Laboratories undergo regular inventory checks for instruments and equipment, with repairs handled by specialized technicians or suppliers. Fire extinguishers and First Aid kits are routinely inspected to uphold safety standards. Library

resources are well-maintained, with damaged books repaired, rebound, or digitized. A computerized cataloging and book issuance system is managed by technical staff, with software updates and database maintenance handled by Promarc.

The sports complex is regularly cleaned, and equipment is inspected for safety, with repairs managed by the sports department and maintenance staff. Computers are maintained through software updates, virus scans, and hardware checks by the technical team. CCTV cameras and fire safety equipment are inspected regularly to ensure functionality. Outsourced services maintain washroom hygiene and outdoor cleanliness, fostering a safe and healthy campus environment.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefitted by scholarships and freeships provided by the Government during the year

574

File Description	Documents
Upload self-attested letters with the list of students receiving scholarships	View File
Upload any additional information	View File

5.1.2 - Number of students benefitted by scholarships and freeships provided by the institution and non-government agencies during the year

0

File Description	Documents
Upload any additional information	No File Uploaded
Institutional data in prescribed format	No File Uploaded
5.1.3 - The following Capacity Development and Skill Enhancement activities are organised for improving students' capabilities Soft Skills Language and Communication Skills Life Skills (Yoga, Physical fitness, Health and Hygiene) Awareness of Trends in Technology	A. All of the above
File Description	Documents
Link to Institutional website	https://jbsw.shikshamandal.org/spoken-tutorial-iit-mumbai/
Details of capability development and schemes	View File
Any additional information	View File
5.1.4 - Number of students benefitted from guidance/coaching for competitive examinations and career counselling offered by the institution during the year	
705	
File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File
5.1.5 - The institution adopts the following mechanism for redressal of students' grievances, including sexual harassment and ragging: Implementation of guidelines of statutory/regulatory bodies Creating awareness and implementation of policies with zero tolerance Mechanism for submission of online/offline students'	A. All of the above

grievances Timely redressal of grievances through appropriate committees

File Description	Documents
Minutes of the meetings of students' grievance redressal committee, prevention of sexual harassment committee and Anti-ragging committee	View File
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
Upload any additional information	No File Uploaded

5.2 - Student Progression
5.2.1 - Number of outgoing students who got placement during the year

44

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of outgoing students progressing to higher education

62

File Description	Documents
Upload supporting data for students/alumni	View File
Details of students who went for higher education	View File
Any additional information	No File Uploaded

5.2.3 - Number of students qualifying in state/ national/ international level examinations during the year
5.2.3.1 - Number of students who qualified in state/ national/ international examinations (e.g.: IIT-JAM/NET/SET/JRF/ GATE /GMAT /CAT/ GRE/ TOEFL/Civil Services/State government examinations) during the year

08

File Description	Documents
Upload supporting data for students/alumni	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports and/or cultural activities at inter-university / state /national / international events (award for a team event should be counted as one) during the year

40

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File

5.3.2 - Presence of an active Student Council and representation of students in academic and administrative bodies/committees of the institution

The presence of an active Student Council in our institution is essential for fostering a democratic ethos and ensuring student representation in academic and administrative bodies. Comprising elected representatives from diverse departments, the Student Council actively engages in organizing events, facilitating workshops, and serving as a one of the important student body to address student concerns. Additionally, students are represented in key committees such as the Academic Council, IQAC, Disciplinary Committee, and Cultural and Sports Committees, allowing them to contribute to curriculum development, uphold institutional standards, and prioritize student interests in various activities. This involvement not only empowers students and enriches decision-making processes but also cultivates a sense of ownership and responsibility, enhancing their leadership skills and creating a vibrant campus community where every student feels valued and heard. Our commitment to inclusive governance continues to enhance the educational experience and responsiveness to the diverse needs of our student body.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

5.3.3 - Number of sports and cultural events / competitions organised by the institution

12

File Description	Documents
Report of the event	View File
List of sports and cultural events / competitions organised per year	View File
Upload any additional information	No File Uploaded

5.4 - Alumni Engagement

5.4.1 - The Alumni Association and its Chapters (registered and functional) contribute significantly to the development of the institution through financial and other support services

The Alumni Association and its chapters play a vital role in the development of our institution by providing substantial financial and support services that enhance educational programs and infrastructure. All graduating and post-graduating students of the session 2023-24 are registered in the association, fostering a strong network of alumni who are actively engaged in contributing to the institution's growth. The association organizes fundraising events, mentorship programs, and skill development workshops, which not only generate financial resources but also facilitate knowledge transfer and professional networking opportunities for current students.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	Nil

5.4.2 - Alumni's financial contribution during the year

E. <2 Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the Institution

The institute is committed to providing the best science education and to produce well-educated, socially conscious students with good values. To execute its vision and mission, institution always believes in participatory management which enables to decentralize maximum academic and administrative work. The parent management is always in harmony with the policies framed with common consent of the principal and staff. The principal is an executive head of the institution and leader all academic and administrative processes of the college. The policies are executed by the principal in consultation with heads of department, conveners, coordinators, and office superintendent.

1. Administrative Governance:

Management, Principal, Heads of the department and IQAC work in harmony to ensure smooth administration.

Management, Principal, teaching, and non-teaching representatives ensure administrative governance through College Development Committee.

Principal chairs the Finance Committee and the decisions of the finance committee are executed through heads of the department.

2. Academic governance:

The Academic Council and Board of Studies (BoS) govern the academic functioning of the College which meet periodically for curriculum redesigning and ensure effective academic discharge through the faculties. Representation of teachers in BoS, Research Promotion Committee and Board of Examination ensure teachers' participation in making academic decisions.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/mission-and-vision/

6.1.2 - Effective leadership is reflected in various institutional practices such as decentralization and participative management

Being an autonomous institution, decentralization and participative management in academic and administrative work is an essential aspect. The responsibilities are decentralized in the order:Principal-Heads-Staff.

Administrative Decentralization and participation:

Departmental responsibilities like teaching-learning and financial mobilization are executed by the staff which is monitored by heads of the department.

To conduct various co-curricular, extracurricular, and extension activities like NSS, NCC, Centre for Women Studies and Services (CWSS), Population Education Club (PEC), Green Cell, Physical education, departmental societies and clubs like RICH Club and Astro Club are in force.

Examination decentralization and participation: To conduct all examination related work, one of the faculties is appointed as the "Director, Board of Examinations and Evaluation (Controller of Examinations). He/she corresponds with question paper setters, evaluers, and, moderators, etc. In consultation with the principal of the institute, the director's office implements a meticulous plan for the deployment of examination timetable to conduct the examination, evaluation and thereby declaration of results well in time.

Moreover, the heads of department act as the chairman of respective BoS with participation of faculties as members who are responsible for framing and updating the curriculum, question paper patterns, and assigning external and internal faculties for various exam related activities.

File Description	Documents
Upload strategic plan and deployment documents on the website	View File
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/college-committees-2/

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ Perspective plan has been clearly articulated and implemented

The college became autonomous in 2017-18 and received extension of autonomous status from 2023-24. Focusing the compliances as well as quality development of the college, following aspects were taken care of:

- Looking into the students' strength and to provide better learning atmosphere and to enhance higher learning facilities, emphasis has been given to infrastructure development in the following areas -, Expansion of Central Instrumentation Center (CIC) into Sophisticated Analytical Instrumentation Facility (SAIF) for research and innovation, ICT Laboratory, and ICT Enabled Classrooms.
- New Education Policy 2020 (NEP 2020) has been implemented in UG and PG
- PG programme in Physics has been proposed.
- New skill-oriented certificate courses have been started.
- Competitive examination cell has been introduced and guidance center has been started.
- Training and placement cell is working with a wide approach so that maximum students can get placement opportunities.
- Collaborations with industries and research laboratories/other higher education institutions have been increased.
- Online admission process successfully implemented.
- Digitalization in administration, finance, library, examination.
- Use and promotion of non-conventional energy sources has been amplified.

SAIF Web Tab: <https://jbsw.shikshamandal.org/about-the-facility/>

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://jbsw.shikshamandal.org/about-the-facility/
Upload any additional information	View File

6.2.2 - The functioning of the various institutional bodies is effective and efficient as visible from the policies, administrative set-up, appointment and service rules, procedures, etc.

As per the rules of autonomous college, statutory and non-statutory committees, and other committees are framed.

Principal, the head of the institution is responsible for administrative and academic activities, empowered to implement the policies and decisions of the statutory bodies, management, and higher bodies. IQAC plans and supervises activities for the development in collaboration with the principal. Being a grant-in-aid college, the university /state government norms are strictly followed for the appointment of staff and promotions. The selection, recruitment, and promotion of the staff of self-financed programs are as per the policy of management.

The committees are chaired by the principal, coordinators, and members (teaching and non-teaching staff). Students are active members in some committees. The institute also has College Development Committee (CDC) and Staff Council for the review and planning of policies for college development.

The institute is governed by parent organization Shiksha Mandal and the authorities are on the apex body of the institute.

Committees in force: Governing Body, Academic Council, Finance Committee, BoS, CDC, Staff Council, IQAC, Examination Cell, Academic committee, Admission committee, Research and academic relevance committee, Purchase and budget requisition committee, Prospectus committee, timetable committee, and internal examination committee, and other committees for student

support.

File Description	Documents
Paste link to Organogram on the institution webpage	https://jbsw.shikshamandal.org/wp-content/uploads/2022/12/Organogram.pdf
Upload any additional information	No File Uploaded
Paste link for additional Information	https://jbsw.shikshamandal.org/wp-content/uploads/2023/09/College-Committee-list-2023-28.pdf

6.2.3 - Implementation of e-governance in areas of operation: Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Details of implementation of e-governance in areas of operation	View File
Any additional information	No File Uploaded

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non-teaching staff and avenues for their career development/ progression

- The institution takes care of administrative, academic, and financial development of all the staff by establishing teaching and non-teaching staff councils and cooperative society. The Staff Council is headed by the Principal as Chairman wherein issues related to the administration and policies are discussed.
- Non-teaching Association is available (Jankidevi Bajaj College of Science, Non-Teaching union affiliated to Vidarbha Vibhagiya Mahavidhyalay in Shikshetar Karmachari Sanghatna).
- Cooperative society provides loan facility to staff.

- Group insurance, Provident Fund (DCPS/ NPS/ GPF and regular contribution towards the Employee Provident Fund), Maternity and paternity leaves, Child Care leave, Uniform for Class-IV employees, Washing Allowance to Class-IV employees are provided as per government GR.
- Welfare measure by management: Quarter facility, Festival advance, Mediclaim insurance of 5 Lac to non-grant faculty.
- The institute organizes training programs for teaching and non-teaching staff. Research Promotion Committee promotes staff to carry out research. Seed money for research is provided to full-time and contractual faculties by the institute. Sophisticated Analytical Instrumentation Facility (SAIF) for research and higher studies has been set-up by the institute and is freely accessible to staff. Library provides N-LIST-INFILBNET facility, sports facility, gymnasium, Yoga Center, parking, and canteen facilities.
- Shiksha Mandal Games organized by the parent organization.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/committee-and-policies/

6.3.2 - Number of teachers provided with financial support to attend conferences / workshops and towards payment of membership fee of professional bodies during the year

15

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development / administrative training programmes organized by the Institution for its teaching and non-teaching staff during the year

3

File Description	Documents
Reports of the Human Resource Development Centres (UGC HRDC/ASC or other relevant centres)	View File
Upload any additional information	View File

6.3.4 - Number of teachers who have undergone online/ face-to-face Faculty Development Programmes during the year: (Professional Development Programmes, Orientation / Induction Programmes, Refresher Courses, Short-Term Course, etc.)

30

File Description	Documents
Summary of the IQAC report	No File Uploaded
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View File
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly

- Various grant-in-aid and self-financed graduate and postgraduate science programmes are run by the institute. An internal auditor appointed by the parent organization -Shiksha Mandal, carries out annual audit on regular basis.
- Joint Director, Higher Education, Nagpur, the divisional head of grant-in aid colleges conducts external audit as per their audit plan and timetable.
- The grants received from UGC and DST-FIST to the institute through various projects are utilized properly and the utilization certificates for the same are submitted within due date to the respective authorities.
- External audit of RUSA grant is also done through CAG.
- The discrepancies in all the budgets are resolved immediately by the institute within stipulated time.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.4.2 - Funds / Grants received from non-government bodies, individuals, and philanthropists during the year (not covered in Criterion III and V) (INR in lakhs)

30000

File Description	Documents
Annual statements of accounts	View File
Details of funds / grants received from non-government bodies, individuals, philanthropists during the year	View File
Any additional information	View File

6.4.3 - Institutional strategies for mobilisation of funds and the optimal utilisation of resources

The fees of the grant-in-aid courses are regulated as per the university norms. The scholarship policy is stringently followed. Scholarship-awarded students are exempted from college fees. The fund raised through fees is utilized for various expenditures and the funds for additional expenses are provided by the parent organization Shiksha Mandal. The Budget of proposed expenses of the college is passed annually by College Development Committee (CDC), whereas the budget of grants under autonomy are passed by finance committee and governing body.

The university-approved self-financed programmes are also run by the institute and their fee structure is regulated by the affiliating university. Students are also eligible for the scholarship schemes of the Government of India (GOI). The budget of expenses and planning of expenditure is made in consultation with all the heads of the department. The amount is used for teachers' remuneration, contingencies, recurring and non-recurring expenditure of self-financed programmes. The institute receives grants from various Government schemes and University. The Purchase Committee of the institute approves the purchase proposals from various departments.

Tenders and quotations are called from various firms and suppliers and an audit of every purchase is carried out. Utilization certificates are submitted to the concerned authority.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional Information	Nil

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing quality assurance strategies and processes visible in terms of incremental improvements made during the preceding year with regard to quality (in case of the First Cycle): Incremental improvements made during the preceding year with regard to quality and post-accreditation quality initiatives (Second and subsequent cycles)

- NEP-2020 implemented in UG and PG programme
- The syllabus is regularly modified and updated as per the local and global needs.
- Introduced more Skill-based certificate courses.
- PG programme in Physics has been proposed.
- Feedback is regularly collected from stakeholders and analysed to assess effectiveness of curriculum.
- Teachers use ICT-tools including online resources
- Weekly meeting of mentor-mentee, academic and personal guidance, confidence building and personal growth by identifying their strengths and areas of improvement.
- Sophisticated Analytical Instrumentation Facility (SAIF) equipped with state-of-the-art instruments for promoting research and innovation.
- Consultancy services are provided.
- Seed money has been provided to promote research.
- Financial assistance provided to faculty to attend conferences, workshops, seminars, etc.
- Collaborations and MoUs with industries, research laboratories, and other higher education institutions have been increased.
- Career Katta of Bajaj College of Science, Wardha was established in association with Maharashtra Information Technology Support Center (MITSC).
- Mr. M.D. Bansinge, got appointed as the District Coordinator of Career Katta, Maharashtra Information Technology Support Center (MITSC).

- Increase in the number of students placement (37 students placed).
- Applied for Project proposal through Career Katta for Grant under CSR project and PM-USHA Grant
- Participated in NIRF ranking, academic audit and AISHE

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

6.5.2 - The institution reviews its teaching-learning process, structures and methodologies of operation and learning outcomes at periodic intervals through its IQAC as per norms

The institution reviews its teaching-learning process and learning outcomes at periodic intervals through student, teacher, and alumni feedback on curriculum, student's representation in College Development Committee (CDC) and alumni representation in BOS, reporting to IQAC external PEER team committee and by an audit of affiliating university.

The timetable is prepared by the college timetable committee. Timetable and workload distribution of the department is done by the respective heads. The departmental teaching plan is made by staff and a review of teaching-learning is taken by the heads of the department from time to time. The departmental teaching plan is also reviewed by the principal and management from time to time.

Feedback from stakeholders on the curriculum is collected, analyzed, and used for curriculum designing.

Student representative expresses his/her views on teaching-learning as well as other facilities in the meeting of the College Development Committee. His/her remarks are considered for the development of the institute.

Internal Audit: The IQAC briefs about the teaching-learning programmes, its outcome and the college activities to the external PEER team of IQAC.

External Audit: For the effective teaching-learning process and analysis of learning outcomes, institution applies to the affiliating university for the academic audit.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://jbsw.shikshamandal.org/wp-content/uploads/2024/12/IQAC-Report-2023-24.pdf

6.5.3 - Quality assurance initiatives of the institution include Regular meeting of the IQAC Feedback collected, analysed and used for improvement of the institution Collaborative quality initiatives with other institution(s) Participation in NIRF Any other quality audit recognized by state, national or international agencies (such as ISO Certification)

A. Any 4 or all of the above

File Description	Documents
Paste the web link of annual reports of the Institution	https://jbsw.shikshamandal.org/aqar-reports/
Upload e-copies of accreditations and certification	View File
Upload details of quality assurance initiatives of the institution	View File
Upload any additional information	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Bajaj College of Science, Wardha is committed to fostering a culture of gender equity, providing equal opportunities for males and females in education. To ensure a supportive environment, the college has implemented various initiatives, including:

- Robust safety and security measures, such as security personnel, CCTV cameras, and strict entry protocols.

- A separate girls' hostel with female warden staff, mess facilities, and essential amenities like sanitary pad vending machines.
- Access to medical facilities, common rooms, and opportunities for participation in key administrative decisions.
- A dedicated NCC wing for girl students, promoting discipline and leadership.
- Active involvement of female staff and students in events, fests, and industrial visits.
- Inclusive governance through participation of female staff and students in strategic decision-making and administrative processes.
- Regular parent-teacher meetings and committees like ICC, CWSS, and anti-sexual harassment cells to address concerns and promote awareness.
- Workshops, webinars, and awareness programs on gender sensitivity and women's empowerment.

By promoting gender equity, the college aims to create a brighter future for all students, empowering them to achieve their full potential and participate equally in public and domestic life.

File Description	Documents
Upload any additional information	View File
Paste link for additional Information	https://jbsw.shikshamandal.org/women-cell/

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation: Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power-efficient equipment

A. Any 4 or All of the above

File Description	Documents
Geotagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the institution for the management of the following types of degradable and non-degradable waste (within a maximum of 200 words)

The institution has implemented a comprehensive waste management system to minimize its environmental footprint. The system includes:

- Solid Waste Management: Segregation of dry and wet waste, vermicomposting, and composting. - Liquid Waste Management: Chemical Waste Treatment Plant (CWTP) for laboratory waste and proper drainage facilities. - Biomedical Waste Management: Autoclaving and sterilization of microbial waste. - E-waste Management: Partnership with Minimines Cleantech Solutions for responsible disposal and recycling. - Waste Recycling System: Recycling of paper, plastic, and glass waste.

The institution has also implemented measures to manage hazardous chemical waste, including fume-hoods, safety protocols, and treatment plants. Additionally, efforts have been made to reduce paper usage through digitization and minimize waste generation. Overall, the institution's waste management system aims to promote sustainability, reduce environmental impact, and ensure a safe and healthy campus environment.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geotagged photographs of the facilities	View File
Any other relevant information	No File Uploaded

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the

A. Any 4 or all of the above

campus	
File Description	Documents
Geotagged photographs / videos of the facilities	View File
Any other relevant information	No File Uploaded
7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1.Restricted entry of automobiles 2.Use of bicycles/ Battery-powered vehicles 3.Pedestrian-friendly pathways 4.Ban on use of plastic 5.Landscaping 	B. Any 3 of the above
File Description	Documents
Geotagged photos / videos of the facilities	View File
Various policy documents / decisions circulated for implementation	View File
Any other relevant documents	No File Uploaded
7.1.6 - Quality audits on environment and energy undertaken by the institution	
7.1.6.1 - The institution's initiatives to preserve and improve the environment and harness energy are confirmed through the following: <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5.Beyond the campus environmental promotional activities 	B. Any 3 of the above

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

7.1.7 - The Institution has a disabled-friendly and barrier-free environment: Ramps/lifts for easy access to classrooms and centres Disabled-friendly washrooms Signage including tactile path lights, display boards and signposts Assistive technology and facilities for persons with disabilities: accessible website, screen-reading software, mechanized equipment, etc. Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading materials, screen reading, etc.

A. Any 4 or all of the above

File Description	Documents
Geotagged photographs / videos of facilities	View File
Policy documents and brochures on the support to be provided	View File
Details of the software procured for providing assistance	No File Uploaded
Any other relevant information	No File Uploaded

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e. tolerance and harmony towards cultural, regional, linguistic, communal, socio-economic and other diversities (within a maximum of 200 words).

"Committed to inclusive education, our institution provides access to all, adhering to government regulations. Economically disadvantaged students benefit from affordable, value-based education."

Unity and inclusiveness are promoted through:

1. Dress code for bridging socio-economic gaps.

2. Diverse committees:

- Grievance Redressal Cell
- Anti-Sexual Harassment Cell
- Internal Compliance Committee
- SC/ST Cell
- Anti-Ragging Cell
- Discipline Committee
- Staff Council

Ensuring justice, equality, and inclusivity.

Special provisions:

1. Sports quota admissions
2. Divyangjan quota admissions

Policies fostering inclusiveness:

1. Code of Conduct
2. Divyangjan Policy
3. Gender Equity Policy
4. Community Extension Activities

NSS and NCC units organize:

1. Special camps
2. Awareness programs
3. Cultural events

4. Guest lectures

Promoting tolerance, harmony, and cultural understanding.

Annual student gatherings showcase extra-curricular talents through:

1. Cultural programs

2. Competitions

3. Traditional and folk dances from various states

4. Maharashtra's rich cultural heritage songs

Celebrating diversity, unity, and inclusiveness."

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File

7.1.9 - Sensitization of students and employees of the institution to constitutional obligations: values, rights, duties and responsibilities of citizens:

"Our institution champions environmental responsibility through initiatives like the Sapling Plantation Campaign on World Environment Day, fostering eco-awareness and civic duty. Students, parents, and staff collaborate for a greener campus.

Throughout the year, extension bodies (CWSS, PEC, NSS, and NCC) organize awareness programs, promoting citizenship values:

- Ahimsa Rally
- World Peace Day
- World Population Day
- World Anti-Tobacco Day
- Road Safety Rally
- Voter Awareness Campaign

Cleanliness drives instill hygiene and sanitation values.

Inspired by Mahatma Gandhi's principles, Gandhi Research Foundation conducted Gandhi Vichar Sanskar Pariksha, encouraging students to embrace responsible citizenship.

Students participated in:

- Essay competitions (Vivekanand Kendra)
- Events (Gandhi Vichar Parishad)

Empowering responsible citizens through holistic development."

File Description	Documents
Details of activities that inculcate values necessary to transform students into responsible citizens	View File
Any other relevant information	No File Uploaded

7.1.10 - The institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic sensitization programmes in this regard: The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff Annual awareness programmes on the Code of Conduct are organized

A. All of the above

File Description	Documents
Code of Ethics - policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programmes, etc. in support of the claims	View File
Any other relevant information	No File Uploaded

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

S.N.

DAY

DATE

HOST DEPARTMENTS/ CELLS/COMMITTEES

1

WORLD ENVORNMENT DAY

5-Jun

BOTANY + NCC

2

INTERNATIONAL YOGA DAY

21-Jun

SPORTS + NCC

3

WORLD POPULATION DAY

11-Jul

PEC	
4	
FOREST CONSERVATION DAY	
23-Jul	
BOTANY	
5	
QUIT INDIA MOVEMENT	
9-Aug	
NCC	
6	
LIBRARY DAY	
12-Aug	
LIBRARY	
7	
INDEPENDENCE DAY	
15-Aug	
CULTURAL COMMITTEE	
8	
WORLD SPORTS DAY	
29-Aug	
SPORTS	
9	
TEACHER'S DAY	

5-Sep	
CULTURAL COMMITTEE	
10	
LITERCY DAY	
8-Sep	
PEC	
11	
HINDI DIVAS	
14-Sep	
LANGUAGE	
12	
NSS DAY	
24-Sep	
NSS	
13	
WILD LIFE WEEK	
1 OCT - 7	
OCT	
ZOOLOGY+ BOTANY	
14	
MAHATMA GANDHI'S BIRTHDAY	
2-Oct	
NSS+NCC+PEC+CWSS	

15

VACHAN PATHAN DAY

15-Oct

LIBRARY

16

WORLD INTERNET DAY

29-Oct

C/S

17

BIODIVERSITY DAY

24-Nov

BIOLOGICAL SCIENCES

18

CONSTITUTION DAY

26-Nov

LIBRARY

19

NCC DAY

1-Dec

NCC

20

HUMAN RIGHTS DAY

10-Dec

LIBRARY

21

NATIONAL MATHS DAY

22-Dec

MATHS

22

NATIONAL YOUTH DAY

12-Jan

NSS

23

ARMY DAY

15-Jan

NCC

24

REPUBLIC DAY

26-Jan

CULTURAL COMMITTEE

25

MARTYR'S DAY

30-Jan

NSS+NCC

26

NATIONAL CLEANLINESS DAY

30-Jan

NSS+NCC

27

MARATHI RAJBHASHA DIN

27-Feb

LANGUAGE

28

NATIONAL SCIENCE DAY

28-Feb

ALL DEPARTMENTS

29

INTERNATIONAL WOMEN'S DAY

8-Mar

CWSS

30

WORLD HEALTH DAY

7-Apr

NSS

31

BIRTH ANNEVERSARY OF DR. BABASAHEB BHIMRAO AMBEDKAR

14-Apr

LIBRARY

32

WORLD BOOK DAY**23-Apr****LIBRARY**

File Description	Documents
Annual report of the celebrations and commemorative events for during the year	View File
Geotagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC

Best Practice-1:

Title: Spoken Tutorial of IIT Mumbai: Learning Free and Open-Source Software (FOSS) online

Best Practice-2:

A Quality Development Program for Zilla Parishad Schools of Wardha District

File Description	Documents
Best practices in the Institutional website	https://jbsw.shikshamandal.org/wp-content/uploads/2025/01/7.2_Best_Practices_2023-24.pdf
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

7.3.1 - Highlight the performance of the institution in an area distinct to its priority and thrust (within a maximum of 200 words)

Bajaj Science Education Center: Fostering Curiosity in Young Minds

Established in 2007, the Bajaj Science Education Center aims to promote basic science education among school students in Wardha district. This interactive hub encourages children to explore and learn science through play, cultivating curiosity and excitement for scientific discovery.

Bajaj College of Science plays a vital role in supporting the center's initiatives:

Key contributions include:

- Providing academic guidance and mentorship - Access to state-of-the-art laboratories - Guiding students in project development and national-level competitions - Preparing students for the International Junior Science Olympiad program - Training school teachers from the Vidarbha Region - Facilitating connections with renowned science educators and scientists - Organizing educational tours, webinars, seminars, and science shows - Supporting astronomy enthusiasts - Mentoring ZPSchools

Website:

www.bajajsciencecenter.co.in

YouTube Channel:

<https://www.youtube.com/BajajScienceCenterWardha>

Facebook page:

www.facebook.com/BSCWARDHA

File Description	Documents
Appropriate link in the institutional website	https://jbsw.shikshamandal.org/institute-distinctiveness-2/
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

1. Curriculum Enhancement: Review and update existing curricula to incorporate industry trends and best practices.

2. **Faculty Development:** Provide training and workshops for faculty members to enhance their teaching and research skills.
3. **Student Mentorship:** Establish a mentorship program to guide students in their academic and career pursuits.
4. **Library Expansion:** Enhance the library's collection and digital resources to support research and learning.
5. **Clubs and Societies:** Encourage and support student-led clubs and societies to foster creativity, leadership, and community service.
6. **Cultural Events:** Organize cultural events, festivals, and celebrations to promote diversity and inclusivity.
7. **Career Guidance:** Provide career counseling, internships, and job placement services to support students' career aspirations.
8. **Industry Partnerships:** Foster partnerships with local industries, businesses, and organizations to provide internship, research, and job opportunities.
9. **Community Engagement:** Develop and implement community outreach programs to promote social responsibility and civic engagement.
10. **Alumni Network:** Establish and maintain an alumni network to connect graduates with the institution and each other.