YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	Bokaro Steel Mines College
• Name of the Head of the institution	Prof. Rajendra Prasad Shukla
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	06563299905
• Mobile No:	9430188912
• Registered e-mail	rpshukla927@gmail.com
• Alternate e-mail	shreerams138@gmail.com
• Address	Bhawnathpur
• City/Town	Garhwa
• State/UT	Jharkhand
• Pin Code	822112
2.Institutional status	
• Affiliated / Constitution Colleges	Permanent Affiliated College
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Grants-in aid

• Name of the Affiliating University	**Nilamber Pitamber University**
• Name of the IQAC Coordinator	**Prof. Shree Ram Singh**
• Phone No.	**06563299905**
• Alternate phone No.	**06563299905**
• Mobile	**8271377731**
• IQAC e-mail address	**shreerams138@gmail.com**
• Alternate e-mail address	**rpshukla927@gmail.com**

3.Website address (Web link of the AQAR (Previous Academic Year)	https://bsmcollege.com/wp-content/uploads/2024/10/AQAR-2017-2018_Draft.pdf

4.Whether Academic Calendar prepared during the year?	**Yes**
• if yes, whether it is uploaded in the Institutional website Web link:	https://bsmcollege.com/wp-content/uploads/2024/10/holiday-2021.pdf

5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	**C**	**1.66**	**2017**	**27/11/2017**	**26/11/2022**

6.Date of Establishment of IQAC	**24/04/2016**

7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dept. of Higher & Technical Education	**Grant in Aid**	**Dept. of Higher & Technical Education, Govt. of Jharkhand**	**2020-2021**	**2880000**

8.Whether composition of IQAC as per latest NAAC guidelines	**Nil**

• Upload latest notification of formation of IQAC	No File Uploaded
9.No. of IQAC meetings held during the year	03
• Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?	Yes
• If No, please upload the minutes of the meeting(s) and Action Taken Report	[View File](#)
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
• If yes, mention the amount	

11.Significant contributions made by IQAC during the current year (maximum five bullets)
Implementation of Online Teaching and Learning: Due to the ongoing COVID-19 pandemic, IQAC played a key role in promoting and ensuring the effective use of digital platforms for teaching and learning. Faculty members were trained to use online tools, and students were encouraged to participate in virtual classrooms.
Student Feedback System: IQAC strengthened the student feedback mechanism, ensuring that student opinions were collected and analyzed systematically. Feedback from students was utilized to improve teaching methods, curriculum, and overall institutional facilities.
Promoting Research and Publications: IQAC encouraged faculty members to engage in research and submit papers to reputed journals. It also facilitated collaboration with external institutions to boost research activities.
Green Campus Initiatives: Environment-related initiatives such as tree plantation drives, waste management awareness programs, and energy-saving measures were actively promoted under the guidance of IQAC to make the campus more eco-friendly.
Infrastructure Enhancement: IQAC contributed to the modernization of classrooms, labs, and library resources, ensuring a better learning

environment for students.

12.Plan of action chalked out by the IQAC in 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
Transition to Online Learning Platforms	With the pandemic continuing, IQAC aimed to implement and enhance online teaching methods. It planned to equip faculty with necessary digital skills and tools, and ensure students had access to learning resources remotely.
Strengthening Research and Innovation	Encourage faculty members to engage in research activities and publications. IQAC aimed to promote interdisciplinary research and increase participation in national and international conferences.
Student Support and Guidance	Strengthen the mentoring system for students, providing them with academic guidance, mental health support, and career counseling.
Environmental and Social Initiatives	Promote eco-friendly campus initiatives such as waste management, energy conservation, and tree plantation drives.
Enhancing Student Engagement	Organize co-curricular activities such as webinars, workshops, debates, and seminars on current issues to ensure student participation and holistic development

13.Whether the AQAR was placed before statutory body?	No

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14.Whether institutional data submitted to AISHE

Year	Date of Submission
2019	30/09/2019

15.Multidisciplinary / interdisciplinary

The college introduced courses that bridged multiple disciplines, allowing students from different academic backgrounds to collaborate. For instance, programs combining Environmental Science, Economics, and Sociology were launched to provide a holistic understanding of contemporary issues. IQAC organized seminars and workshops that brought together experts from different fields. Themes such as "Sustainable Development," "Digital Transformation," and "Social Impact of Technology" were addressed from multiple disciplinary perspectives. QAC invited industry professionals and academics from diverse backgrounds to deliver guest lectures on interdisciplinary subjects, helping students understand how different fields intersect in the real world.

16.Academic bank of credits (ABC):

Regarding the implementation of Academic Bank of Credits, the college has to wait for proper guideline from affliated University.

17.Skill development:

Workshops and Training Programs: IQAC organized workshops on topics such as resume building, interview preparation, and professional etiquette. These workshops helped students develop essential career skills, preparing them for the job market. Soft Skills Development: The college emphasized the development of soft skills such as teamwork, leadership, time management, and problem-solving through various activities, group discussions, and role-playing exercises. These initiatives aimed to create a well-rounded skill set among students. Internship Opportunities: To give students practical exposure, the college facilitated internships in collaboration with industries and organizations. Students were encouraged to gain hands-on experience in fields related to their academic studies, enhancing both technical and professional skills.

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

The college offers various Indian languages like Hindi, English, Urdu subjects in degree courses. Preservation and promoting of languages is one of the target of the College in future.

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

Outcome-Based Education (OBE) focuses on achieving specific learning outcomes for students through a structured and student-centered learning process. At Bokaro Steel Mines College, the following initiatives were taken to implement and strengthen OBE during the academic year 2020-2021: Curriculum Restructuring Based on Learning Outcomes Clear Definition of Program Objectives Emphasis on Skill-Based Learning Mapping of Course Outcomes to Program Outcomes The courses offered by College are based on the curriculum designed by Nilamber Pitamber University. Many faculty members of the college are also involved in designing this curriculum. The college conducts a regular academic activities, regular theory and practical classes as well as workshops, hands on training programmes, skill development programs etc.The College captures course outcomes through internal assessment, tutorial classes, Workshops and Seminars for students. Our College plans to conduct more training based analytical programmes pertaining to Outcome based education in view of NEP 2020.

20.Distance education/online education:

College also use online mode of teaching tools. Keeping in view the convenience of the student, the various technological tools used by the faculties especially during the pandemic lockdown are: Google Classroom, Zoom, Google meet, using videos as teaching and learning aids, Group collaboration and interaction and assignment and revision as well as the assessments have been conducted are some of the institutional efforts towards blended learning

Extended Profile

1.Programme

1.1   **20**

Number of courses offered by the institution across all programs during the year

File Description	Documents
Data Template	[View File](#)

2.Student

2.1   **453**

Number of students during the year

File Description	Documents
Data Template	[View File](#)

2.2   **1000**

Number of seats earmarked for reserved category as per GOI/ State
Govt. rule during the year

File Description	Documents
Data Template	[View File](#)

2.3   **727**

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1   **28**

Number of full time teachers during the year

File Description	Documents
Data Template	[View File](#)

3.2   **39**

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1 Number of courses offered by the institution across all programs during the year	**20**

File Description	Documents
Data Template	[View File](#)

2.Student

2.1 Number of students during the year	**453**

File Description	Documents
Data Template	[View File](#)

2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	**1000**

File Description	Documents
Data Template	[View File](#)

2.3 Number of outgoing/ final year students during the year	**727**

File Description	Documents
Data Template	[View File](#)

3.Academic

3.1 Number of full time teachers during the year	**28**

File Description	Documents
Data Template	[View File](#)

3.2 Number of Sanctioned posts during the year	**39**

File Description	Documents
Data Template	<u>View File</u>

4.Institution

4.1 Total number of Classrooms and Seminar halls	**13**
4.2 Total expenditure excluding salary during the year (INR in lakhs)	**382619**
4.3 Total number of computers on campus for academic purposes	**12**

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Bokaro Steel Mines College ensures the effective delivery of its curriculum through a systematic and documented approach, focusing on maintaining high academic standards and fostering holistic student development. Below are the key practices adopted by the institution:

1. Academic Calendar and Curriculum Planning

- **Academic Calendar: At the beginning of each academic year, the college prepares a detailed academic calendar. It outlines the schedule for teaching, assessment, co-curricular activities, and holidays. This ensures timely curriculum delivery and provides clear guidelines for both students and faculty.**
- **Curriculum Framework: The curriculum for each course is developed in alignment with the affiliating university's guidelines, with input from faculty members and industry**

experts. Detailed lesson plans are created to ensure
structured delivery of topics.

2. Departmental Meetings and Course Allocation

- **Course Allocation:** The Head of Departments (HoDs) hold
  meetings with faculty members before the commencement of
  each semester to discuss and allocate courses based on
  faculty expertise and workload.
- **Coordination of Curriculum:** Regular departmental meetings
  are held to discuss teaching methodologies, course progress,
  and any challenges faced during curriculum delivery. This
  ensures that any issues are addressed promptly, maintaining
  the flow of the academic schedule.

File Description	Documents
Upload relevant supporting document	[View File]()
Link for Additional information	https://bsmcollege.com/

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Bokaro Steel Mines College ensures strict adherence to its
academic calendar, including the timely execution of Continuous
Internal Evaluation (CIE) as a critical component of the overall
academic process. The college's commitment to systematic
evaluation ensures a smooth academic journey for students and
maintains high educational standards.

1. Preparation and Implementation of Academic Calendar

- **Academic Calendar Planning:** At the start of each academic
  year, the institution prepares a comprehensive academic
  calendar in line with the university's academic guidelines.
  The calendar includes the dates for:
    - Start and end of semesters
    - Internal assessments
    - End-semester examinations
    - Co-curricular and extracurricular activities
    - Holidays and breaks
- The calendar is circulated to all departments and students
  well in advance, ensuring that all stakeholders are aware of
  important dates and timelines for academic activities,

including Continuous Internal Evaluation (CIE).

2. Continuous Internal Evaluation (CIE) System

- Components of CIE: Continuous Internal Evaluation at Bokaro Steel Mines College includes a variety of assessment tools such as:
    - Mid-term exams
    - Class tests and quizzes
    - Assignments
    - Group discussions
    - Presentations
    - Practical exams and lab assessments
    - Viva-voce
- Frequency of Evaluation: The academic calendar outlines specific timelines for conducting internal evaluations. Typically, two internal assessments are scheduled per semester, ensuring continuous monitoring of student progress.

File Description	Documents
Upload relevant supporting documents	[View File](#)
Link for Additional information	Nil

| **1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University** | |

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	[View File](#)
Any additional information	[View File](#)

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

20

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

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

0

File Description	Documents
Any additional information	**No File Uploaded**
Brochure or any other document relating to Add on /Certificate programs	**No File Uploaded**
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

0

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

1

File Description	Documents
Any additional information	**No File Uploaded**
Details of the students enrolled in Subjects related to certificate/Add-on programs	[View File](#)

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Bokaro Steel Mines College incorporates critical crosscutting issues into its curriculum, ensuring that students not only gain academic knowledge but also develop a deeper understanding of essential societal, ethical, and environmental challenges. The integration of professional ethics, gender sensitivity, human values, and sustainability is aimed at creating responsible, ethical, and well-rounded graduates. The college adopts a multidisciplinary approach to these issues, embedding them into courses, activities, and extracurricular engagements.

1. Professional Ethics

- **Incorporation into Courses: Subjects like Business Ethics, Professional Ethics, and Corporate Social Responsibility (CSR) are integrated into commerce and management programs. In science and technology programs, students are taught ethical standards related to research, intellectual property rights (IPR), and data integrity.**
- **Workshops and Seminars: The college conducts regular workshops and seminars on ethics in professional life, focusing on real-world ethical dilemmas that students might face in their careers. Guest lectures by industry professionals and legal experts are also organized to provide practical insights into ethical conduct.**

Code of Conduct: A well-defined code of conduct is provided to students, emphasizing the importance of honesty, integrity, and responsibility in both academic and professional life. Students are encouraged to adhere to these ethical standards throughout their studies and careers.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

1

File Description	Documents
Any additional information	**No File Uploaded**
Programme / Curriculum/ Syllabus of the courses	**No File Uploaded**
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	**No File Uploaded**
MoU's with relevant organizations for these courses, if any	**No File Uploaded**
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

60

File Description	Documents
Any additional information	**No File Uploaded**
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	**No File Uploaded**
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	https://bsmcollege.com/wp-content/uploads/2024/10/Student-Satisfaction-Survey_Feedback-2020-2021.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

1000

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

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

supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

391

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 the learning levels of the students and organizes special Programmes for advanced learners and slow learners

Bokaro Steel Mines College follows a structured approach to assess the learning levels of students and organizes tailored programs to meet the needs of both advanced learners and slow learners. This ensures that students receive personalized attention to enhance their academic performance and overall development.

1. Assessment of Learning Levels

The college uses various methods to assess the academic capabilities of students early in the academic year. The aim is to identify students who may need additional support or who are capable of advanced academic challenges.

Methods of Assessment

- **Entrance Test/Initial Assessments: During the initial weeks of each academic year, the college conducts diagnostic tests or entrance tests to gauge the students' understanding of the basics of the subject. This helps in identifying their learning levels.**
- **Previous Academic Performance: The academic records from previous years, such as marks obtained in the qualifying examination, are reviewed to classify students into different learning categories.**
- **Classroom Participation and Interaction: Teachers closely monitor student participation in the classroom, paying attention to their ability to understand and engage with the course material.**
- **Continuous Internal Evaluation (CIE): Regular internal assessments, quizzes, and assignments serve as a tool to**

continuously evaluate the progress of students and provide feedback for their improvement.

2. Special Programs for Slow Learners

For students who are identified as slow learners, Bokaro Steel Mines College organizes various support programs to help them keep up with the curriculum and improve their academic performance.

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

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
453	**28**

File Description	Documents
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

Bokaro Steel Mines College employs various student-centric learning methodologies such as experiential learning, participative learning, and problem-solving approaches to create an engaging and enriching educational experience. These methods foster critical thinking, creativity, collaboration, and real-world application of knowledge, helping students develop not only academically but also personally and professionally.

1. Experiential Learning

- Experiential learning focuses on providing students with hands-on experiences that help them apply theoretical knowledge in real-world scenarios. The college integrates several strategies to promote this type of learning.

File Description	Documents
Upload any additional information	[View File](#)
Link for additional information	Nil

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

Bokaro Steel Mines College actively incorporates Information and Communication Technology (ICT) tools to enhance the teaching-learning process. Faculty members utilize a variety of digital platforms and resources to make learning more interactive, engaging, and accessible for students.

1. Learning Management Systems (LMS):

The college employs LMS platforms where teachers upload course materials, lecture notes, assignments, and quizzes. This provides students with 24/7 access to learning resources, enabling them to study at their own pace.

2. Virtual Classrooms:

Video conferencing tools such as Zoom, Google Meet, and Microsoft Teams are used to conduct virtual lectures, webinars, and interactive sessions. These platforms facilitate real-time discussions, fostering a more collaborative learning environment.

3. Multimedia Presentations:

Teachers integrate multimedia content like PowerPoint presentations, videos, animations, and simulations to simplify complex concepts. This visual approach enhances understanding and retention.

4. Online Assessment Tools:

Digital platforms are used for conducting online assessments, quizzes, and surveys. Automated tools provide instant feedback, helping students gauge their progress effectively.

5. E-Resources:

Faculty members recommend e-books, research papers, and online

databases, offering students access to a vast array of knowledge beyond traditional textbooks.

File Description	Documents
Upload any additional information	[View File](#)
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	**Nil**

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

28

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	[View File](#)
Circulars pertaining to assigning mentors to mentees	**No File Uploaded**
mentor/mentee ratio	[View File](#)

2.4 - Teacher Profile and Quality

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

28

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	[View File](#)
Any additional information	**No File Uploaded**
List of the faculty members authenticated by the Head of HEI	[View File](#)

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

04

File Description	Documents
Any additional information	**No File Uploaded**
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

603

File Description	Documents
Any additional information	**No File Uploaded**
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Bokaro Steel Mines College ensures a transparent and robust internal assessment mechanism that emphasizes fairness, consistency, and frequent evaluation. The internal assessment process is designed to provide continuous feedback to students, encouraging them to improve their performance throughout the semester.

1. Multiple Modes of Evaluation:

The college employs a variety of assessment methods, including written exams, oral presentations, practical work, case studies, and group discussions. This multimodal approach allows for a comprehensive evaluation of students' understanding and skills.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Bokaro Steel Mines College has established a transparent, time-bound, and efficient mechanism to address internal examination-related grievances, ensuring fairness and accountability throughout the assessment process.

1. Transparent Grievance Process:

Students are informed about the grievance redressal mechanism at the beginning of each academic session. The procedure is outlined in the student handbook and communicated through notice boards and online platforms. Clear guidelines on how to raise concerns about internal assessments are provided.

2. Time-Bound Redressal:

Once a grievance is raised, it is resolved within a stipulated timeframe to avoid delays. Students can submit their grievances through a formal application or online portal. The college aims to address concerns within a week of submission, ensuring quick resolution.

3. Efficient Grievance Handling:

A dedicated Grievance Redressal Committee, comprising faculty members and the examination coordinator, is responsible for handling exam-related issues. This committee reviews the grievance, consults the concerned faculty, and reevaluates the student's performance if necessary. The committee also ensures that students are given the opportunity to discuss their concerns directly with faculty members.

4. Revaluation and Rechecking:

If a student is dissatisfied with their marks, they can request revaluation or rechecking of their answer scripts. The process is conducted transparently, with proper documentation and review by

multiple faculty members.

File Description	Documents
Any additional information	[View File](#)
Link for additional information	**Nil**

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

Program Outcomes (POs): It represents the knowledge, skills and attitudes the students should have at the end of a course completion of their respective engineering program. Course Outcomes (COs): It gives the resultant knowledge and skills the student acquires at the end of each course. It defines the cognitive processes a course provides. Program Specific Outcomes (PSOs): These are statements that define outcomes of a program which make students realize the fact that the knowledge and techniques learnt in this course has direct implication for the betterment of society and its sustainability.

1. **Website**
2. **Classrooms**
3. **Department Notice Boards**
4. **Laboratories**
5. **Meetings/ Interactions with employers or workshops**
6. **Parent meet**
7. **Faculty meetings**
8. **Alumni meetings**
9. **Professional Body meetings**
10. **Library**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for Additional information	**Nil**
Upload COs for all courses (exemplars from Glossary)	[View File](#)

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The level of attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes are measured using various indicators throughout the semester of the academic year. The faculty records the performance of each student with the help of the specified course outcomes through a continuous evaluation process. The faculty provides home assignments to students, conducts internal tests, viva voce, surprise tests, open book tests, quiz, projects etc. in order to assess the Programme Outcomes and Programme Specific outcomes attained by each student.

- **End Semester University Examination**
- **Internal Assessment**
- **Practical Assessment/ External Assessment**
- **Result Analysis**
- **Internships and Placements:**

File Description	Documents
Upload any additional information	[View File]
Paste link for Additional information	**Nil**

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

383

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	[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://bsmcollege.com/wp-content/uploads/2024/10/Student-

Satisfaction-Survey_Feedback-2020-2021.pdf

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

0

File Description	Documents
Any additional information	No File Uploaded
e-copies of the grant award letters for sponsored research projects /endowments	No File Uploaded
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

File Description	Documents
List of research projects and funding details (Data Template)	No File Uploaded
Any additional information	No File Uploaded
Supporting document from Funding Agency	No File Uploaded
Paste link to funding agency website	Nil

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

2

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

The college organizes a number of extension activities to promote

institute-neighborhood community to sensitize the students towards community needs. The students of our college actively participate in social service activities leading to their overall development. The college runs effectively National Service Scheme (NSS)Units. Through these units, the college undertakes various extension activities in the neighbourhood community. NSS organizes a residential seven day camp in nearby adopted village and several activities were carried out by NSS volunteers addressing social issues which include cleanliness , tree plantation ,water conservation ,Social interaction, Group discussion Eradication of superstition, Beti Bacho Beti Padhao, Environmental awareness, Women empowerment, National Integrity, Aids awareness, Blood donation camp, Health check up camp

File Description	Documents
Paste link for additional information	https://bsmcollege.com/wp-content/uploads/2024/10/NSS-PROGRAMME-SESSION-2020-21.pdf
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

0

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	No File Uploaded

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

8

File Description	Documents
Reports of the event organized	View File
Any additional information	**No File Uploaded**
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

8

File Description	Documents
Report of the event	View File
Any additional information	**No File Uploaded**
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

0

File Description	Documents
e-copies of linkage related Document	**No File Uploaded**
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	**No File Uploaded**

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

0

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	[View File](#)

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 equipment etc.

The infrastructure facilities and learning resources are categorized as under:

(a) Learning Resources include resources and infrastructure required for library, laboratories, computer centre, class room teaching, events, meetings and conferences.

(b) Support facilities include hostels, non-resident students' centres, canteens, convocation hall, seminar halls, International seminar hall complex, committee rooms, dairy, agricultural farms, biodiversity park, sports grounds and creche.

(c) Utilities include safe drinking water, restrooms and power generators.

- Library:

    - A well-equipped library serves as the intellectual hub, offering access to a vast collection of books, journals, research papers, periodicals, e-books, and databases.
    - There may also be dedicated reading rooms, digital libraries, and internet access for research and study purposes.

- **Laboratories:**

  - **Well-maintained science and engineering laboratories support practical learning and research across disciplines like physics, chemistry, biology, and computer science.**
  - **Equipment and software resources in laboratories help students and researchers carry out experiments and projects.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://bsmcollege.com/wp-content/uploads/2024/10/Library-Facilities.pdf

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

Bokaro Steel Mines (BSM) College, here's a detailed description of the adequate facilities provided for cultural activities, sports, games, and yoga centre:

- **1. Cultural Activities**
- **BSM College encourages students to engage in a wide range of cultural activities, providing spaces and platforms to showcase their talents in arts, music, theatre, and literature.**
- **Auditorium/Stage:**
- **The college has a spacious auditorium with a stage, lighting, and sound systems for hosting cultural events like annual fests, drama performances, music shows, and inter-collegiate competitions.**
- **Practice Rooms:**
- **Rooms are designated for students to rehearse for events like plays, dance performances, and music sessions. These rooms may have basic equipment such as musical instruments and soundproofing features.**
- **Cultural Clubs:**
- **BSM College likely supports student-run cultural clubs and societies that organize various events, fostering student involvement in arts and culture.**

- ○ **2. Sports and Games (Indoor & Outdoor)**
- ○ **BSM College is committed to promoting physical education and offers several facilities for indoor and outdoor sports.**
- ○ **Outdoor Sports:**
- ○ **Sports Grounds: The college has well-maintained grounds for outdoor games such as cricket, football, and athletics. These fields are used for practice, tournaments, and recreational sports.**
- ○ **Basketball, Volleyball, and Badminton Courts: Specific courts are available for these popular games, encouraging team sports and healthy competition.**

File Description	Documents
Upload any additional information	[View File](#)
Paste link for additional information	https://bsmcollege.com/cultural/

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

12

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

12

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	**Nil**
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	[View File](#)

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

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

201660

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	**No File Uploaded**
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

The library is automated with integrated library management software SOUL 2.0 (Software for University Libraries) of INFLIBNET. The various housekeeping activities of the library such as data entry, issue and return and renewal of books, member logins etc are done through the software.

The Library is provided with Wi-fi facility

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://bsmcollege.com/wp-content/uploads/2024/10/Library-Facilities.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources	**C. Any 2 of the above**

File Description	Documents
Upload any additional information	**No File Uploaded**
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

48993

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	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 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

25

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

There are different digital technological facilities available in the college. There are 04- smart classrooms, 01-smart lab and 01-digitally equipped conference hall and 02-digitally equipped laboratories available in the college.

Most of the official work is being done with the help of ICT. The college regularly maintains the IT facilities. Following are some basic facilities for updating: Computer is formatted in regular basis. College itself formats the computer without no fees and by the help of computer operator. Anti-virus is regularly installed in computer. All computer has anti-virus Wi-Fi connectivity is available as mentioned in 4.1.1, i.e., in Principal chamber, Office-room, IQAC room, various departments including PGDCA, library and laboratories. CCTV is installed in every classroom

File Description	Documents
Upload any additional information	<u>View File</u>
Paste link for additional information	<u>https://bsmcollege.com/</u>

4.3.2 - Number of Computers

12

File Description	Documents
Upload any additional information	**No File Uploaded**
Student – computer ratio	**No File Uploaded**

4.3.3 - Bandwidth of internet connection in the Institution	**D. 10 - 5MBPS**

File Description	Documents
Upload any additional Information	**No File Uploaded**
Details of available bandwidth of internet connection in the Institution	**No File Uploaded**

4.4 - Maintenance of Campus Infrastructure

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

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

File Description	Documents
Upload any additional information	**No File Uploaded**
Audited statements of accounts.	<u>View File</u>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<u>View File</u>

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

Our college adopts a systematic procedure for maintaining and utilizing physical, academic and support facilities like laboratory, library, sports complex, computers, classrooms etc. Every year each department gives a list of equipment, repairable or broken, called physical verification.

File Description	Documents
Upload any additional information	**No File Uploaded**
Paste link for additional information	https://bsmcollege.com/

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

490

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

490

File Description	Documents
Upload any additional information	**No File Uploaded**
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	[View File](#)

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

B. 3 of the above

File Description	Documents
Link to institutional website	**Nil**
Any additional information	**No File Uploaded**
Details of capability building and skills enhancement initiatives (Data Template)	[View File](#)

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

0

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

0

File Description	Documents
Any additional information	**No File Uploaded**
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	[View File](#)

5.1.5 - The Institution has a transparent mechanism for timely redressal of student

C. Any 2 of the above

grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

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

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

0

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	**No File Uploaded**

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

40

File Description	Documents
Upload supporting data for student/alumni	**No File Uploaded**
Any additional information	**No File Uploaded**
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

0

File Description	Documents
Upload supporting data for the same	View File
Any additional information	**No File Uploaded**

5.3 - Student Participation and Activities

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

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

0

File Description	Documents
e-copies of award letters and certificates	**No File Uploaded**
Any additional information	**No File Uploaded**
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

"Education for all common People" is the motto of the college. Hence, enough representation is given to the students in the academic and administrative bodies of the college. The college is actively involved in various activities at college and societal level. The Students Council has not been constituted in the academic year 2016-17 because election programmen was not declared by the Government and Parent University. But, the Students Council has been constituted in the academic year 2017-18. From the academic year 2018-19 to 2020-21, the student council has not been constituted because election programme was not declared by the Government and Parent University. Students' Council consists of the best students from all areas of the college such as class wise representatives, NSS representative, Cultural representative, sports representative, and two ladies' representatives. These representatives elect the secretary of the students' council who represents the college at the University. Apart from this, other students are also involved in various committees as per their expertise. These students regularly suggest upgrading the image of the college in the society. The College facilitates students' representation and engagement in various administrative, co-curricular, and extracurricular activities such as Students' council,

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

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

8

File Description	Documents
Report of the event	View File
Upload any additional information	**No File Uploaded**
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has a registered Alumni Association that operates through two primary modes:

1. **As an Independent Organization:**

   - **The independent alumni association meets as needed to discuss college welfare and development.**
   - **The Principal and senior faculty members are invited to these meetings to offer suggestions for the college's improvement.**

2. **As an Association Endorsed by the College:**

   - **This association meets once a year and is coordinated by the Principal, who serves as the chief coordinator.**
   - **During these meetings, the Principal presents the immediate needs of the college, while alumni share their comments and suggestions for its development.**
   - **Prominent alumni often assist prospective students in securing employment opportunities.**

Departmental Alumni Associations:

- **In addition to the college-wide alumni association, some of the older departments have their own alumni setups. These associations focus on the specific interests of their departments and contribute to their growth.**

- Alumni from these departments have contributed both in cash and in kind to support the development of their respective departments and the college at large.

Strengthening the Alumni Association:

- Efforts are underway to strengthen the alumni association, encouraging it to play a more active role in the overall development of the college. This includes increasing alumni engagement in college events, fundraising efforts, and mentorship programs.

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

5.4.2 - Alumni contribution during the year (INR in Lakhs)	E. <1Lakhs

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 and in tune with the vision and mission of the institution

The college follows its vision and mission to serve better for students. The governance of the college matches vision and the mission of the college. Our vision and the mission are as follows:

MISSION

- To provide quality education to all students irrespective of caste, creed,religion and socio-economic status to uplift the society as a whole.
- To maintain excellent academic standard through innovation and effective teaching learning method in a joyful environment.
- To mould the student as a golden citizen.
- To create a learner-friendly environment to make learning a

- joyful and
  - ○ **fruitful experience. To foster scientific skills and academic excellence in this rural area.**

VISION

Empowerment of common rulal students through quality education to meet the global challenges at the lowest cost.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The management system at Bokaro Steel Mines College is structured to ensure a participative and decentralized approach. The institution adheres to the academic calendar provided by the higher education department, covering key areas such as admissions, internal assessments, extracurricular activities, and analysis.

• Principal's Leadership: The principal plays a pivotal role in overseeing all departments, representing the institution in academic affairs. He works closely with Heads of Departments (HODs) and faculty, fostering an environment that supports student development and academic growth.

• HODs' Responsibilities: The day-to-day academic operations within the departments are managed by the HODs, ensuring smooth execution of activities.

• Faculty Engagement: Faculty members actively participate in executing the institution's mission. To support this, various committees have been established, each entrusted with specific responsibilities related to program and policy implementation.

Participative and Decentralized Management: The college operates under a decentralized management structure, encouraging faculty and committees to take responsibility in governance. This promotes participative management, fostering harmony and a congenial atmosphere that enhances student development.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institutional strategic and perspective plan for Bokaro Steel Mines College highlights several key areas for development and effective implementation:

1. **Efficient Teaching and Learning Procedure:** Focus on enhancing teaching methodologies, ensuring a conducive learning environment for students.

2. **Effective Leadership and Participative Management:** Leadership is encouraged at all levels, ensuring participative governance and decision-making processes.

3. **Constant Internal Quality Assurance System:** A system in place to regularly monitor and improve the quality of education and services offered.

4. **Ensuring Effective Governance:** Governance structures are streamlined for efficiency and transparency.

5. **Student's Overall Development through Participation:** Active involvement of students in academic, extracurricular, and leadership activities to foster holistic development.

6. **Employees' Advancement & Welfare:** Provisions for the professional growth and well-being of staff and faculty members.

7. **Escalating Placements:** Enhancing the placement opportunities and employability skills of students.

8. **Proper Discipline:** Maintaining a disciplined and focused academic atmosphere.

9. **Women/Student/Faculty Grievance Redressal:** Effective systems to address and resolve grievances, ensuring a safe and

supportive environment.

10. **Financial Planning & Management:** Strategic financial planning to ensure the institution's sustainability and growth.

11. **Institute-Industry Interaction:** Strengthening ties with industries to promote internships, projects, and collaborations.

12. **Encouragement of Budding Entrepreneurs:** Initiatives to support and nurture entrepreneurial ventures among students.

13. **Constant Growth in Research and Development:** Promoting research activities, publications, and innovation.

File Description	Documents
Strategic Plan and deployment documents on the website	[View File](#)
Paste link for additional information	https://bsmcollege.com/
Upload any additional information	[View File](#)

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

ADMINISTRATIVE SETUP:

With the hands-on experience of the management, the Institutional Management is designed in a scientific way with transparency to get the optimum results out of it. A hierarchical sets up is established from top management to down the level clearly demarking the Duties, Responsibilities, Accountability and Authorities at every stage.

Governing Body:

The Institution has a Governing Body. It is a Policy making body of the Institution and meets frequently and discusses the agenda prepared by the Principal. It reviews the performance of the institution and decisions taken in the previous meeting and also approves the policy decisions. The budget of the current academic

year is finalized. All new proposals are discussed and decisions is taken.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/
Link to Organogram of the Institution webpage	https://bsmcollege.com/
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	**B. Any 3 of the above**

File Description	Documents
ERP (Enterprise Resource Planning)Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

The institution effectively implements the welfare schemes for the teaching and Nonteaching faculties. The College makes arrangements for availing all the government schemes such as Gratuity, Pension, Commutation of Pension, Earned Leave encashment, Maternity Leave, Medical Facility, Leave on Overseas Project or Conference, Health Fund Scheme, Permission to attend FDP such as Orientation programmes and Refresher courses, short term courses, etc. for the career development and progression of the teaching as well as non-teaching staff. Besides the above, the following benefits are given to the teaching and non-teaching staff. Financial Support o To the staff to attend workshops and conferences both at the national and international level o For children's education of the non-teaching staff o For celebrating festivals, festival advance

to the non-teaching and domestic staff o The self-financed staff of the institution also receive Provident Fund, permission to attend Faculty Development Programme, Maternity and paternity leave with salary.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/
Upload any additional information	View File

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

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

0

File Description	Documents
Upload any additional information	**No File Uploaded**
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 programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

6

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

0

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The performance appraisal system at Bokaro Steel Mines College is designed to assess and enhance the professional growth of employees, with a focus on continuous improvement and development. Key features of the system for teaching staff include:

1. **Annual Performance Evaluation:** The performance of each faculty member is assessed annually based on their Annual Self-Assessment under the Performance Based Appraisal System (PBAS).

2. **Promotion Criteria:** Promotions are guided by the PBAS proforma in line with the UGC Career Advancement Scheme (CAS). The faculty's promotion is determined by their Academic Performance Indicators (API) score, which reflects their teaching, research, and other contributions.

3. **Additional Duties:** Faculty members are often assigned additional duties beyond academics. These responsibilities, though largely voluntary, are given due consideration in the performance appraisal process, adding weight to their overall assessment.

4. **Promotion Process:** Faculty members are notified well in advance when they are due for promotion. The PBAS proforma submitted by faculty members is reviewed and verified by the Heads of Departments (HODs), the Secretary of the Internal Quality Assurance Cell (IQAC), and the Director.

5. **Screening Process:** Faculty members eligible for promotion, based on their API scores, are required to appear before a screening-cum-selection committee, which makes the final recommendations for their advancement.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

The financial administration system at Bokaro Steel Mines College is structured to ensure transparency and efficient use of resources through a comprehensive budgetary control and audit

process. Key aspects of the system include:

1. Budgetary Control System:
    - The college employs a budgetary control system to monitor the effective and efficient use of financial resources.
    - A finance committee, led by the principal and including representatives from the management, teaching staff, and administrative staff, gathers budgetary requirements from various departments and cells.
    - Annual budgets are prepared at the start of each academic year, reviewed, and approved by the finance committee.
    - The committee sets limits for recurring and non-recurring expenditures, based on the institution's income and available resources.
2. Financial Audits:
    - The institution follows both internal and external financial audit systems, ensuring accountability and transparency.
    - Internal auditors, permanently appointed, verify all vouchers related to financial transactions carried out during the year. They are tasked with evaluating the effectiveness of internal accounting systems.
    - The auditors ensure that fees are collected from all students, verifying any authorized concessions and checking the proper accounting of fees received in advance or those receivable.
    - Statutory audits are conducted regularly, further strengthening the financial control mechanism.
    - The system also includes provisions to write off irrecoverable fees with proper authorization.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/iqac/
Upload any additional information	View File

6.4.2 - Funds / Grants received from non-government bodies, individuals, philanthropers during the year (not covered in Criterion III)

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Bokaro Steel Mines College follows a structured approach for the mobilization and utilization of funds to ensure transparency and effective resource management. This process involves several committees, department heads, and the accounts office. Key aspects of the system include:

Mobilization of Funds:

1. Tuition Fees: The primary source of income for the institute is the tuition fees paid by students.
2. Management Support: The management provides need-based loans to individual departments or colleges to meet specific financial requirements.
3. Alumni Contributions: The alumni network actively contributes by raising funds for specific items such as water coolers, wall clocks, and other necessities.
4. Corporate and Individual Sponsorships: The institute seeks sponsorship from individuals and corporate entities to support cultural events, fests, and similar programs.

Utilization of Funds:

1. Finance Committee Oversight: A finance committee monitors and ensures the optimal utilization of funds for both recurring and non-recurring expenditures.
2. Purchase Committee Role:
   - For the purchase of equipment, computers, books, and other items, the purchase committee invites quotations from vendors.
   - These quotations are carefully reviewed by the finance and purchase committees based on criteria like pricing, quality, and terms of service before making a

final decision.

3. **Budget Management:**
   ○ **The Principal, along with the finance and purchase committees and the accounts department, ensures that all expenses are within the approved budget.**
   ○ **In cases where expenditures exceed the allocated budget, the management's intervention is sought to resolve financial issues.**

File Description	Documents
Paste link for additional information	https://bsmcollege.com/iqac/
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

The Internal Quality Assurance Cell (IQAC) at Bokaro Steel Mines College plays a vital role in ensuring the quality and performance of the institution. The IQAC is responsible for preparing, evaluating, and recommending various reports and processes for approval by relevant institutional and government authorities. The key tasks undertaken by the IQAC include:

1. **Annual Quality Assurance Report (AQAR): The IQAC prepares the AQAR, which is a comprehensive report on the institution's yearly performance, focusing on continuous quality improvement.**
2. **Self-Study Reports for Accreditation Bodies: The IQAC compiles Self-Study Reports (SSR) for various accreditation bodies, including:**
   ○ **UGC 12b: Ensuring compliance with the University Grants Commission (UGC) requirements.**
   ○ **NAAC: For National Assessment and Accreditation Council accreditation.**
   ○ **NIRF: For National Institutional Ranking Framework submissions.**

Performance Based Appraisal System (PBAS) for Career Advancement Scheme (CAS): The IQAC evaluates and recommends faculty members' appraisals based on the PBAS for career progression under the UGC Career Advancement Scheme.

1. **Stakeholder's Feedback:** The IQAC gathers and analyzes feedback from various stakeholders (students, faculty, staff, alumni) to improve institutional processes and outcomes.
2. **Process Performance & Conformity:** It monitors the performance of institutional processes and ensures conformity to established quality standards.
3. **Action Taken Reports:** The IQAC prepares and submits action taken reports on various initiatives and feedback to demonstrate accountability and progress.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/iqac/
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

The periodic review of teaching, learning, and operational methodologies at Bokaro Steel Mines College is a key element in maintaining and improving the quality of education. This process is driven by the Internal Quality Assurance Cell (IQAC) and involves the following:

1. Curriculum Review: The IQAC regularly examines the curriculum to ensure it remains relevant, up-to-date, and aligned with current educational and industry standards. This helps students gain knowledge and skills that are valuable in the job market.

2. Teaching Methods: The teaching methodologies are reviewed periodically to identify the effectiveness of different pedagogical approaches. The goal is to implement innovative and student-centric teaching methods that enhance engagement and learning outcomes.

3. Assessment Strategies: The IQAC evaluates the assessment methods used to measure student performance, ensuring they are fair, transparent, and provide a comprehensive evaluation of student abilities.

4. Operational Methodologies: The operational processes related to administration, governance, and resource management are reviewed

to streamline efficiency and remove any bottlenecks that might affect the quality of education.

5. Tracking Progress: By documenting and analyzing incremental improvements, the IQAC can track the institution's progress over time. This helps in maintaining a clear record of enhancements made in teaching practices, student performance, and institutional operations.

6. Enhanced Learning Outcomes: These periodic reviews and improvements ensure that students receive a high-quality education, preparing them for future careers with the skills and knowledge needed to succeed.

File Description	Documents
Paste link for additional information	https://bsmcollege.com/iqac/
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)	B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://bsmcollege.com/student-satisfaction-survey/
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	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

Gender equity in education emphasizes ensuring fairness and equal opportunities for both men and women, recognizing their specific needs. It goes beyond merely offering the same treatment but also incorporates providing different approaches where necessary to achieve equality in rights, benefits, and opportunities. This concept is crucial in fostering balanced development across all dimensions of life.

Key Aspects of Gender Equity in Education:

1. Equal Participation in Decision-Making: Encouraging both men and women to actively participate in decisions at all levels—be it academic, administrative, or social—ensures diverse perspectives and fairness in outcomes.

2. Reducing Enrollment Gaps: Addressing disparities in access to education by increasing enrollment and retention rates for girls and women. This ensures that education systems do not favor one gender over the other.

3. Equal Learning Processes and Outcomes: Schools and institutions should provide equal learning opportunities, ensuring both genders have access to resources, mentorship, and support needed for academic success. Educational outcomes should reflect this equality, ensuring both boys and girls achieve their potential.

4. Equal Opportunities Beyond Education: Gender equity should lead to equal benefits and opportunities for both sexes in economic, social, cultural, and political spheres. By achieving equity, women and men can contribute equally to public and domestic life, which ultimately strengthens societies.

File Description	Documents
Annual gender sensitization action plan	Awareness and Sensitization Programs: Workshops and Seminars: Organize regular workshops and seminars focusing on gender equity, breaking stereotypes, and understanding gender roles. Invite experts in gender studies, law, and sociology. Gender Sensitization Training: Conduct mandatory training sessions for faculty, administrative staff, and students on gender issues, emphasizing the importance of equality and respect. Film Screenings and Discussions: Screen films and documentaries related to gender equality, followed by panel discussions and open forums to encourage critical thinking and dialogue.
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Bokaro Steel Mines College provides a range of specific facilities to ensure the safety, well-being, and comfort of women on campus. These facilities contribute to fostering an inclusive and supportive environment for female students, faculty, and staff.

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	C. Any 2 of the above

File Description	Documents
Geo tagged 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 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

1. Solid Waste Management

- The institution has designated waste bins for the segregation of solid waste into biodegradable and non-biodegradable categories. Composting units manage organic waste from canteens and green areas, producing compost for campus gardens. Non-biodegradable waste is collected by authorized agencies for disposal.

2. Liquid Waste Management

- The campus employs a well-maintained drainage system for liquid waste disposal. Water from labs and other sources is treated before being safely discharged. Regular maintenance prevents contamination and ensures proper liquid waste management.

3. Biomedical Waste Management

- Though biomedical waste generation is minimal, the college ensures that any such waste from first-aid facilities is segregated and disposed of through authorized biomedical waste disposal services.

4. E-waste Management

- The institution collaborates with certified agencies to handle e-waste, ensuring proper disposal or recycling of outdated electronic equipment, such as computers and batteries, to reduce environmental impact.

5. Waste Recycling System

- The college encourages recycling by reusing materials where possible and promoting awareness among students regarding waste reduction strategies.

6. Hazardous Chemicals and Radioactive Waste Management

- Hazardous chemicals from labs are stored safely and disposed of according to regulatory guidelines, ensuring no environmental or health risks.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	https://bsmcollege.com/gallery/
Any other relevant information	View File

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 | `B. Any 3 of the above`

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 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	[View File](#)
Any other relevant information	**No File Uploaded**

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen   reading

C. Any 2 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	[View File](#)
Policy documents and information brochures on the support to be provided	[View File](#)
Details of the Software procured for providing the assistance	[View File](#)
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 socioeconomic and other diversities (within 200 words).

To nurture a generation of youth with noble attitudes and moral responsibility, Bokaro Steel Mines College organizes various

activities that promote ethical, cultural, and spiritual values among students and staff. These activities are designed not only for recreation and amusement but also to foster unity and social harmony, with the active support of the college management.

The institution celebrates commemorative days to cultivate emotional and spiritual growth among both students and faculty. These celebrations enhance the sense of community and belonging, transcending cultural, regional, and religious differences. The college fosters an environment where equality is upheld, evident from the diverse backgrounds of students who study here without facing any discrimination based on caste, religion, or region.

Despite the variety of socio-cultural and linguistic backgrounds on campus, there is no tolerance for intolerance. The college stands as a model of inclusivity, ensuring that cultural, regional, linguistic, and economic diversity is respected.

The institution, along with its faculty and staff, actively celebrates a range of cultural and regional festivals such as New Year's Day, Teacher's Day, Women's Day, International Yoga Day, Durga Pooja, and Ganesh Chaturthi. Motivational lectures by eminent personalities are also organized to enhance students' personality development and sense of responsibility.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	No File Uploaded

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

Bokaro Steel Mines College takes pride in its Plantation Programme, where the focus extends beyond academic excellence to developing students as responsible citizens. Along with professional education, the college instills a sense of unity among students through various practices that promote the "Unity in Diversity" of the nation. The Green Initiative also encourages students to engage in eco-friendly activities aimed at reducing greenhouse gas emissions, fostering environmental awareness.

The institution ensures enthusiastic student participation in all

activities. National celebrations like Independence Day and Republic Day are observed with vigor. On November 26th, 2020, the college celebrated Constitution Day (Samvidhan Divas), where students participated in elocution and quiz contests focused on constitutional values, fundamental duties, and citizens' rights. Faculty members across departments have actively organized academic and co-curricular events to propagate these ideals.

Students also engage in academic programs like webinars, conferences, and expert talks, enhancing their understanding of constitutional obligations. The college regularly organizes annual competitions on contemporary legal issues, broadening students' perspectives. Legal aid and awareness camps further promote the recognition of individual responsibilities in society.

Additionally, the college organizes paper, poster, and essay competitions to raise awareness about Indian citizenship, which consistently sees high student participation. Despite the challenges of the pandemic, the institution successfully conducted an online internship program for first-year students, fostering their growth and experience.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to 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 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 4. Annual awareness programmes on Code of Conduct are organized	C. Any 2 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 programs 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

Bokaro Steel Mines College celebrates national and international commemorative days, events, and festivals with great enthusiasm, honoring the spirit of nationalism and paying tribute to the country's great leaders.

· Republic Day: Celebrated on 26th January each year, the institution commemorates the adoption of the Indian Constitution and promotes awareness of India as the world's largest democracy.

· Independence Day: Held on 15th August, the college marks India's freedom from British rule with flag hoisting and parades. Students are encouraged to honor the sacrifices made by national leaders.

· Gandhi Jayanti: Celebrated on 2nd October, this day focuses on the ideals of Mahatma Gandhi. Both students and staff take a pledge to uphold his values of non-violence and truth.

· International Yoga Day: Observed on 21st June, the institution organizes a yoga camp with a yoga instructor and a speech to raise awareness about the benefits of yoga for physical and mental well-being.

Voters Day: On 25th January, students are educated on their rights and duties as responsible citizens, encouraging them to participate actively in democratic processes.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	No File Uploaded

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice 1: Green Initiative through Plantation and Environmental Awareness Programs

Best Practice 2: Promotion of National and Constitutional Awareness through Celebrations and Competitions

https://bsmcollege.com/wp-content/uploads/2024/10/Best-Practices-2020-2021.pdf

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	No File Uploaded

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Distinctive Area of Performance: Promoting Education for Rural Students

Bokaro Steel Mines College prioritizes promoting education for students from economically disadvantaged, rural backgrounds. Many students from the locality face financial challenges that prevent them from pursuing education in urban institutions. To address this, the college provides an accessible academic environment that supports these aspiring students in achieving their educational goals.

In addition to academic support, the college focuses on the

holistic development of students. It encourages participation in extracurricular activities such as NSS, cultural events, literary activities, and sports to ensure they are on par with mainstream students. The institution also organizes seminars, workshops, and talks on pressing national and international issues to enhance the students' awareness and broaden their perspectives.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

Plan of action for the next academic year

1. Enhance Teaching-Learning Practices:
2. Strengthen Research and Development:
3. Expand Infrastructure and Facilities:
4. Focus on Environmental Sustainability:
5. Promote Entrepreneurial and Career Development:
6. Promote Holistic Education:
7. Improve Institutional Governance and Management:
8. Increase Community Engagement and Extension Activities:
9. Staff Development and Welfare: