



## YEARLY STATUS REPORT - 2022-2023

### Part A

#### Data of the Institution

##### 1.Name of the Institution

Bansal Institute of Science and Technology

- Name of the Head of the institution **Dr. Damodar Tiwari**
- Designation **Director**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **07553501700**
- Mobile no **9993942486**
- Registered e-mail **sanjay@bistbpl.in**
- Alternate e-mail **naac@bistbpl.in**
- Address **Kokta Anand Nagar**
- City/Town **Bhopal**
- State/UT **Madhya Pradesh**
- Pin Code **462021**

##### 2.Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
- Location **Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Rajiv Gandhi Proudyogiki Vishwavidyalaya**
- Name of the IQAC Coordinator **Dr. Nikhlesh Pathik**
- Phone No. **07553501700**
- Alternate phone No. **9826335530**
- Mobile **9285423837**
- IQAC e-mail address **nikhlesh@bistbpl.in**
- Alternate Email address **naac@bistbpl.in**

**3.Website address (Web link of the AQAR (Previous Academic Year))** <https://bgibhopal.com/>

**4.Whether Academic Calendar prepared during the year?** **Yes**

- if yes, whether it is uploaded in the Institutional website Web link: <https://bgibhopal.com/>

#### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.61</b>	<b>2021</b>	<b>15/12/2021</b>	<b>14/12/2026</b>

**6.Date of Establishment of IQAC** **16/08/2016**

**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
<b>Faculty Development</b>	<b>Research &amp; Development</b>	<b>M P Council of Science &amp; Technology Bhopal</b>	<b>2022</b>	<b>40000</b>

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

- Upload latest notification of formation of IQAC [View File](#)

**9.No. of IQAC meetings held during the year**      **3**

- 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      No File Uploaded

**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)**

1. The IQAC encourages the publication of research articles and the college's periodicals.

2. The IQAC foster the cultural, regional, linguistic, communal, socio-economic, and other forms of diversity among students via the implementation of various programs.

3. The staff members were given support to participate in seminars, workshops, conferences, and other similar events. Consequently, the faculty members attended workshops, conferences, and seminars at both the state and national levels during the academic year.

4. Special program were launched for weak learners.

5. The establishment and enhancement of environmentally-friendly facilities and systems for a sustainable campus and green energy project.

**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
Upliftment of Research & Development	Received grant for projects, workshop and for awareness program.
Preparation of AISHE Report	Uploaded successfully data on AISHE portal.
Preparation of AQAR of NAAC for session 2022-2023	Data uploaded successfully in NAAC HEIs portal
Institutional Collaboration	The college has signed an MoUs with a different industries viz, CSRBOX, SRIAN Electric Vehicle Pvt LTD, Infosys Springer Board, Power Distribution Training Centre.
Student training programmes	In each department students are trained in add on courses related to their respective domains

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

## Part A

### Data of the Institution

<b>1.Name of the Institution</b>	Bansal Institute of Science and Technology
• Name of the Head of the institution	Dr. Damodar Tiwari
• Designation	Director
• Does the institution function from its own campus?	Yes
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Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
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<p>1. The IQAC encourages the publication of research articles and the college's periodicals.</p>		
<p>2. The IQAC foster the cultural, regional, linguistic, communal, socio-economic, and other forms of diversity among students via the implementation of various programs.</p>		
<p>3. The staff members were given support to participate in seminars, workshops, conferences, and other similar events. Consequently, the faculty members attended workshops, conferences, and seminars at both the state and national levels during the academic year.</p>		
<p>4. Special program were launched for weak learners.</p>		
<p>5. The establishment and enhancement of environmentally-friendly facilities and systems for a sustainable campus and green energy project.</p>		
<b>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</b>		

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Student training programmes	In each department students are trained in add on courses related to their respective domains

**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
2022-23	10/02/2024

**15. Multidisciplinary / interdisciplinary**

The changing scenario of engineering and technology expects students to have a knowledge of a variety of disciplines. The Institute has since long recognized this need and has introduced a number of courses of interdisciplinary and multidisciplinary nature. With the advent of growth in areas of robotics and automation, the institute conducts two courses of around 50 hours



each approximately. Students learn basic ideas from mechanical engineering, materials engineering, embedded systems, mathematics for guidance and navigation systems for the robots. They actually build the robots. This exposure also helps the students in successful participation in various national and international robotics events. The students also learn mobile app development. This provides a creative opening for their App development ideas. Students also develop codes in programming languages and learn to interface hardware with software. Drone development, computer vision based applications are developed from these academic opportunities. Besides the exposure to robotics and programming and allied interfaces, the students learn the basic concepts of Internet of Things, which helps them develop smart systems on integrated platforms using various bus protocols, networking and embedded system ideas. Students are also made aware of domain of Data Science in which they are given knowledge about various statistical programming platforms such as R, and also fundamental ideas of descriptive and inferential statistics are taught and are applied on data bases for realization of Data Science principles. The working knowledge of Data base management is also vital, which is shared with them in a theory course supplemented with practicals. Another emerging area that is captured is 3-D printing and manufacturing. The basic ideas of this vital area are also covered. Besides these, students perform Engineering Design and Innovation projects, where there is a distinct emphasis on using the multidisciplinary approach. These projects have also resulted in innovative outcomes, research publications, patents, prototype product developments etc.

**16.Academic bank of credits (ABC):**

The Institute has not registered for the Academic Bank of credits in Academic Year 2022-23..

**17.Skill development:**

The curriculum and assessment patterns in the Institute are specifically aimed at honing and nurturing diverse skills of the students. Upto date technical knowledge: The curriculum is updated dynamically to meet the changing demands of the industry and society at large. The technology changes at a rapid pace. Besides the faculty the involvement of other stakeholders such as industry , alumni, parents, government also ensure that content provided to the students is up to date. The Industry advisory board, department board of studies, academic board, alumni interactions, IIT mentor guidance all steers the curriculum towards the coverage of curriculum that meets the needs. The

faculty training and development practices also ensures that the faculty have been made aware of the technological developments and have grasped the contents, and are poised to deliver them in a pedagogically conducive student friendly manner. The hardware, software and other laboratory support is given from time to time, to help the students realise the emerging ideas. Various hackathons, students contests and events provide the right opportunity for the students to showcase their acquired abilities. Students' seminars and group discussions activities provide an assessment centric platform for validation of such skills. Communication: besides the technical knowhow, as a successful engineer, it becomes very essential to convey the ideas to various diverse audience from time to time. An engineer essentially works at an interface between the technocrats on one side and common nontechnical, unskilled yet equally valuable members of the society on the other side. Hence communication skills of the Engineer are as vital as the technical skills. Group discussions and group presentations are a vital assessment component using which help in enhancing communication skills. Leadership: The leadership skill is also vital for the success in professional and personal life. Many situations arise when these skills are tested and being a mere technocrat is never sufficient. Hence with the help of various presentations, course projects, assignments, student activities, speeches on platforms, these skills are nurtured. Interpersonal: Various group activities and assessments mentioned above, provide another rightful opportunity to the young engineers to hone these equally vital skills. The interpersonal skills help the students to be a good team member, a dedicated and reliable follower as well as a leader at times. Creativity: Creative solutions form scientists and technocrats have made the world as advanced and as developed as we experience today. For every course, a Course project is to be made, which is an open ended assessment that allows the students to provide a creative solution for a technical problem. Also Hackathon, is a platform that allows students to showcase their creative talent.

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

A good education institution is one in which every student feels welcomed and cared for, where a safe and stimulating learning environment exists, where a wide range of learning experiences with multiple subjects and courses are offered, and where good physical infrastructure and appropriate resources conducive to learning are available to all students. Equally more efforts

should be put on human values and professional ethics as well as environment and sustainability. In few courses, faculty members are using the local Indian language for better understanding of the concepts. Institute is promoting faculty members to attend the various programs on human values and professional ethics as well as environment and sustainability. Also as per guidelines of university, institute will take necessary steps for integrating human values and professional ethics as well as environment and sustainability. Institute also conduct various activities and training programs for spreading awareness in view of environment sustainability.

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

The institute places a strong emphasis on a student-centered approach to education, with a particular focus on Outcome-Based Education (OBE). This pedagogical philosophy involves meticulous planning of course delivery and assessments to achieve clearly defined objectives and outcomes. A notable feature is the commitment to measuring student performance at different levels, demonstrating a dedication to ensuring the effectiveness of the educational process.

At the core of the educational framework are key components of Outcome-Based Education. Course Outcomes (CO) delineate specific and measurable statements regarding the knowledge, skills, and attitudes that students should acquire by the end of a given course. These contribute to broader Program Outcomes (PO), aligning with industry needs and institutional goals. Program Educational Objectives (PEOs) project into the future, outlining the expected accomplishments of graduates in their careers, while Program Specific Outcomes (PSOs) tailor these objectives to the unique needs of each department.

Each department's definition of PEOs and PSOs reflects a commitment to customization, ensuring that education is finely tuned to meet the distinctive challenges of different disciplines. The incorporation of Bloom's Taxonomy in crafting course outcomes underscores a structured approach that addresses various learning domains.

Implementation is a dynamic process involving collaboration and continuous improvement. Regular assessments, aligned with outcomes, serve as a feedback mechanism, allowing for the evaluation of teaching effectiveness and learning objectives. This iterative approach positions the institute at the forefront

of educational innovation, fostering adaptability to evolving student needs and educational trends. In summary, the institute's dedication to Outcome-Based Education signifies a commitment to providing a structured and meaningful educational experience that prepares graduates for success in their chosen fields and societal contributions.

#### 20.Distance education/online education:

The Institute conducted various training through Online mode like -NPTEL,IIRS-ISRO.Some remedial classes are also conducted through online mode.

### Extended Profile

#### 1.Programme

1.1	492
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

#### 2.Student

2.1	1643
Number of students during the year	

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2	365
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

2.3	292
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	109
File Description	Documents
Data Template	<a href="#">View File</a>
3.2 Number of sanctioned posts during the year	109
File Description	Documents
Data Template	<a href="#">View File</a>
<b>4.Institution</b>	
4.1 Total number of Classrooms and Seminar halls	49
4.2 Total expenditure excluding salary during the year (INR in lakhs)	44328291.43
4.3 Total number of computers on campus for academic purposes	585
<b>Part B</b>	
<b>CURRICULAR ASPECTS</b>	
<b>1.1 - Curricular Planning and Implementation</b>	
1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process	
<p>The curriculum and syllabi provided by the university are strictly followed through a procedure that is thoroughly designed and documented. The college is affiliated with Rajiv Gandhi Proudyogiki Vishwavidyalaya (for Engineering) and Barkatullah University (for MBA). The college imbibes a Learning Outcome-based</p>	

Curriculum Framework (LOCF) for all its Under Graduate programmes as prescribed by the University. The LOCF approach is envisioned to provide a focused outcome-based syllabus at the undergraduate level. At the outset of each academic session, the work load committee finalises the work load and is approved by the competent authorities. The time table committee prepares the time table of all courses in such a manner that the required number of lectures are allotted to the teachers to complete the curriculum at ease. The teacher maintains the course file of the course taught which consist of Academic calendar, Time table, Scheme, Syllabus, Lecture plan, Hand written notes, Last five years question papers, Assignment. Other than this-

- The department maintains the progress report of each student by keeping in record marks of each unit test and mid semester examination.
- Departments organize guest and expert lectures from industries, institutes and entrepreneurs.
- Conducts soft skills and aptitude classes to improve the communication skills of the students.
- Industrial training and tours are also conducted to increase the interaction of the students with the industries
- Bansal Institute of Science & Technology continues its unstoppable journey of providing best education through Canvas-a cloud based online teaching platform with intensive interactive features.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>

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

For the purpose of conducting the continuous internal evaluation system, the Institute follows the academic calendar that is provided by the University. The academic calendar specifies the dates for the beginning and ending of the course's curriculum, as well as the dates and times of any required tests. It details the dates of the final examinations for the term. The academic schedule also includes details regarding the practical, viva-voce, and theoretical examinations that will be administered.

- The assignments are handed out section by section in accordance with the time table that is announced in the academic calendar. The student is responsible for submitting their work at the allotted time, and grades are given in accordance. Students submit their assignments on the dates that are written in the academic calendar.
- In the academic calendar, the dates for the MST-I, MST-II, Assignment-I, II, III, IV, and V, as well as the sessional exam, are already written down. Exam Cell of the institute announces and posts the exam schedule for these tests in advance. The schedule is posted on the institute's website, on bulletin boards, and in the students' Whatsapp groups.
- Marks and answer booklet of unit tests, midterm tests I and II, and attendance are shown according to the schedule in the academic calendar.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>

**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**

**B. Any 3 of the above**

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## **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****11**

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

**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	<b>No File Uploaded</b>
Brochure or any other document relating to Add on /Certificate programs	<b>No File Uploaded</b>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

**1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year****0**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<b>No File Uploaded</b>

**1.3 - Curriculum Enrichment**

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

**There are many courses which deal with the issues related to**



Professional Ethics, Gender, Human Values, Environment and Sustainability which are integrated into the curriculum. The detailed list is attached herewith.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

3

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
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
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

2388

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**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**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://bgibhopal.com/feedback/">https://bgibhopal.com/feedback/</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<b>No File Uploaded</b>
Any additional information	<b>No File Uploaded</b>

**1.4.2 - Feedback process of the Institution may be classified as follows**

**A. Feedback collected, analyzed and action taken and feedback available on website**

File Description	Documents
Upload any additional information	<b>No File Uploaded</b>
URL for feedback report	<a href="https://bgibhopal.com/feedback/">https://bgibhopal.com/feedback/</a>

**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 students admitted during the year**

**764**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Institutional data in prescribed format	<a href="#">View File</a>

**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**

220

File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**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

Mentor mentee groups have been formed across departments in the college. Regular meetings are carried out to cater the needs of advanced as well as slow learners. Students share their grievances with the mentees which are resolved in a time bound manner. Advanced learners are counselled for career options and other opportunities to explore. Slow learners are greatly emphasised upon and taken care of. Regular sessions are conducted to make them catch up with the pace. Remedial classes are organized for the students who are not good performers. Additional support is offered through examination oriented coaching and well formulated question banks as well as notes prepared by faculty. When the divisions are formed, the batch of students with least scores are identified and scrupulous plan to ensure more practice among these students during the practical sessions is also made. Senior teachers are usually allotted to such batches to ensure good performance.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1643	109

File Description	Documents
Any additional information	No File Uploaded

### 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

The goal of academic processes is to spread the learning and outcomes of a course. The planning, delivery, and assessment of academic processes that are centred on the student are meant to help students learn. The goal is to improve three skills that are needed for professional growth: cognitive, psychomotor, and affective skills. Teachers try to make their classes as interactive as possible and encourage students to come up with new ideas. Teachers use things like Powerpoint presentations, audiovisual methods, Google classroom, projects, industrial visits, field work-based analysis, and surveys to help students learn more. Teachers also give out assignments and have group discussions in ways that encourage students to learn by doing. Some of the courses also have papers that are meant to teach students how to do research. Internships , industrial visit, participation in technical events, and projects works give students work experience and help them get excited about their future careers. They learn professional skills, how to work as a team, how to communicate, and other skills that helps them get jobs.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>

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

Bansal Institute of Science and Tcehnology has undergone a transformative shift in education through Information and Communication Technology (ICT). Serving as a Nodal Center for Virtual Labs in collaboration with IIT Delhi, the integration of a comprehensive Learning Management System provides students and teachers with a versatile set of tools, including web-resources, video-lectures, animated demonstrations, and self-evaluation.

The implementation of "flipped classrooms" using the Canvas Learning Management System is noteworthy, allowing students to access course materials before class. The E-Learning Studio, equipped with a Samsung flipped Board, facilitates the recording of lectures, enabling faculty members to incorporate interactive tools, digital resources, animations, and simulations.

Online lectures from the E-Learning Studio enhance the learning experience, offering flexibility for students to review content at their own pace and engage in meaningful discussions during class. The use of Google Classroom and Google Quiz for assignments and quizzes streamlines assessment processes, fostering collaborative learning.

Furthermore, Our institute's proactive approach in guiding students towards online courses like NPTEL, SWAYAM, EDX, reflects a commitment to providing a well-rounded and contemporary education. In essence, the strategic integration of technology and innovative teaching methods positions of our institute at the forefront of educational excellence.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

### 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

82

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	No File Uploaded

## 2.4 - Teacher Profile and Quality

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

109

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

### 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

16

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)	<a href="#">View File</a>

### 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

646

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

## 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.

Evaluation mechanism is developed at the institute according to the guideline of the university. Academic calendar of the institute provides planned dates of internal assessment tests, projects, and term work submission. Internal Assessment contains two Mid Semester Tests (MSTs), assignments, tutorials, and term work as per the scheme prescribed by the University. The internal assessments are routinely monitored by Departments to ensure that they meet the learning outcomes outlined in the course syllabus. Different mechanisms of internal assessment are Mid Semester Tests (MSTs) 1. Answer sheets are evaluated by the subject teachers as per the evaluation scheme. 2. Evaluated copies are shown to students. Assignment 1. Five assignments are mandatory for each subject, which can be extended by the subject teacher. 2. An evaluation of assignments is periodically done by the subject teacher. Term work 1. Experiments are performed in the laboratory and after completion viva is conducted & practical marks are awarded. 2. Practical records are regularly checked by the faculty. 3. External viva is conducted as per the university norms by external experts under the supervision of university nominated observer and surveillance camera. End semester Examination (ESE) 1. It is conducted once in a semester under the observation of university nominated observer and surveillance camera.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

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

Examination related grievances are addressed by the Examination Cell of the institute. In general the examination related grievances include- examination forms, assessment of answer scripts, corrections in Grade Card, marks updating after revaluation, pending results of lower semesters and, correction in name etc. All the grievances are promptly handled and addressed on time and forwarded to the university with regular follow up till the matter is resolved by the University. Examination Committee comprises of Principal, Examination Cell Incharge, senior faculty members. The committee ensures smooth conduct of the examination. The Deputy Exam Controller addresses any issues related to malpractices or any unsavoury incident during the examination, if reported. After the declaration of the results, if the student has any grievances, there are provisions for applying for revaluation after paying the prescribed fees within the stipulated time frame. Revaluation process is normally completed within 60 days and their results are declared. The examination cell always tries to minimise the time spent between application of a grievance and its disposal.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

## 2.6 - Student Performance and Learning Outcomes

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

The goal of the LOCF (Learning Outcome-based Curriculum Framework) approach is to create a focused outcome-based curriculum at the undergraduate level, with the goal of making the teaching and learning experiences more student-centered. The LOCF method has been chosen to help students have better experiences as they take part in the programme of their choice. The Undergraduate Programs will help students get ready for the job market. Each programme explains what it is and what it will do. All of the programmes that are available make it clear what qualities should be taught at the graduation level. The new LOCF focuses on giving students an education based on values, such as health, emotional stability, critical thinking, social justice, and skills that will help them get jobs. In short, each programme helps students learn how to be sustainable and keep learning throughout their lives. Program Specific Outcomes (PSOs) have been defined and stated after much



deliberations and the involvement of stakeholders. Both the teachers and the students know what the goals of the course are. Workshops, seminars, and webinars have been conducted to educate the teachers about outcome-based education and its implementation.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

Program outcomes are put together by the college on a regular basis. Every programme that the institution runs is evaluated. The slow learners get extra help so that they won't have problems in the future. The results of the course are judged on a number of factors, such as the ability to think critically and the likelihood of getting a job. POs are evaluated by considering the attainment of all the COs. The weightage of direct assessment is 80%. Mid Semester examination Assignment/quizzes Lab work and Internal Viva Project Evaluation End Semester Examination External Viva The weightage of Indirect assessment is 20%. Indirect assessment is carried out using the following tools: Alumni Survey Employer survey Student Exit survey Various direct and indirect assessment tools can be employed in evaluation of COs. Program uses only Direct Assessment tools in evaluation process of course outcomes. Direct attainment is a method of demonstrating a students knowledge and abilities based on their performance. It may be determined based on the students performance in all relevant assessment instruments, such as mid semester test and assignments/quizzes.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

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**

290

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Paste link for the annual report	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

**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://bgibhopal.com/wp-content/uploads/2024/02/SSS-2022-2023.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)**

5.15

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

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)****3.1.2.1 - Number of teachers recognized as research guides**

0

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	<a href="#">View File</a>

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

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

1

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="https://mpcost.gov.in/">https://mpcost.gov.in/</a>

### 3.2 - Innovation Ecosystem

#### 3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The institution provides a favorable environment to support innovation and incubation. All required facilities are available and counseling is extended to students. Students are encouraged to be actively involved in the application of technology to the needs of society. Necessary support is provided for documentation, publication of research papers and also for obtaining patents. The Institution Innovation Council (IIC) has organized various activities that exhibit in real time students and provide them with a platform to showcase and implement their practical learning. The primary objective of Innovation Cell is to encourage, inspire and nurture young students by encouraging them to work with new ideas when they are in their formative Years. Awareness program, workshops, seminars and lectures for guests on the topic of business are organized. Students have the opportunity to interact directly with outstanding entrepreneurs excelling in

their field. Product Service Training is provided to create awareness about product marketing. EDC cell also constitute. Hackathon also conduct.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bgibhopal.com/bist/">https://bgibhopal.com/bist/</a>

### 3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

#### 3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

11

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	<a href="#">Nil</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

29

File Description	Documents
Any additional information	<a href="#">View File</a>
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

**3.3.3 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year****3.3.3.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during year**

16

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.4 - Extension Activities**

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

Different steps are being taken by the college to improve the quality of life for the people who live nearby. All of the students take part in activities in different student clubs that represent different social issues. These steps are taken with the help of the college's Health & Hygiene Club, National Service Scheme, and Eco club, among other clubs and groups. The NSS group at Bansal Institute is still young, but it is very active and has already done a lot of good things for the community. The College NSS Unit also has arranged blood donation camps. A Plantation work is organised with the help of NSS and NCC in the surrounding of campus. Anti-Tobacco Rally was organized by NSS. World Environment Day was conducted by the NSS volunteers to aware the public of Bhopal for more plantation. Institutions are putting the most effort into making sure that basic needs and other important needs of the community are met. One of these is the School for Poor Students, which is especially for the kids of staff in D group.

Education is free for all children. "Sushila Devi Bansal Public School" is a school that is run by the CSR.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Upload any additional information	<a href="#">View File</a>

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

#### 3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year

3

File Description	Documents
Any additional information	No File Uploaded
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

### 3.4.3 - 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

#### 3.4.3.1 - 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

35

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

<b>3.4.4 - Number of students participating in extension activities at 3.4.3. above during year</b>	
<b>3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year</b>	
1241	
File Description	Documents
Report of the event	No File Uploaded
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>
<b>3.5 - Collaboration</b>	
<b>3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year</b>	
<b>3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year</b>	
0	
File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>
<b>3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year</b>	
<b>3.5.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the year</b>	
4	

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	<a href="#">View File</a>

## 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.

Bansal Institute of Science and Technology (BIST) is a distinguished educational institution committed to excellence, following guidelines from AICTE New Delhi, the Director of Technical Education of the Government of Madhya Pradesh, and Rajiv Gandhi Proudyogiki Vishwavidyalaya Bhopal (RGPV). Occupying a spacious 5-acre campus surpassing the mandated 2.5 acres, BIST boasts well-maintained playgrounds and prioritizes infrastructure upkeep. Rigorous inspections precede each academic session, with facility upgrades aligned to RGPV curriculum revisions and evolving student needs.

CCTV surveillance and a dedicated 24-hour security system ensure campus safety, managing IT resources, internet connectivity, sports facilities, hostels, canteens, sanitation, power backup, and a well-equipped library. BIST offers a comprehensive academic spectrum, including 6 undergraduate and 3 postgraduate courses, fostering problem-based learning through modern methodologies.

With a focus on holistic development, the campus accommodates educational and extracurricular activities. A robust computing facility, spacious classrooms, and suitable seating arrangements underscore BIST's commitment to providing an enriching educational experience.



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

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

Bansal Institute of Science and Technology (BIST) prioritizes the holistic development of its students by actively engaging them in Rajiv Gandhi Proudlyogiki Vishwavidyalaya's (RGPV) state and national tournaments. The college extends support for cultural events, National Service Scheme (NSS), and various extracurricular activities, fostering a well-rounded educational experience.

Recognizing the significance of sports in maintaining fitness, BIST provides outdoor playgrounds for cricket, basketball, volleyball, and kabaddi, alongside indoor facilities for chess, table tennis, and carrom.

Cultural enrichment is a core aspect, encouraging students to participate in events that enhance interpersonal skills, teamwork, and time management. The annual cultural festival, Bansalotsav, showcases talents in singing, dancing, fashion shows, and stage plays, while participation in state and college cultural events is actively promoted.

BIST commemorates significant occasions and festivals, including Teachers' Day, Engineers' Day, Women's Day, International Yoga Day, and others, fostering a sense of community. Additionally, the institute prioritizes health services with a well-equipped dispensary offering first aid and outpatient services, guided by qualified doctors, and collaborates with Bansal Hospital for medical emergencies, ensuring the overall well-being of its academic community.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

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

49

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

#### 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)

4.53

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

## 4.2 - Library as a Learning Resource

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

The institute employs the Adonai College Automation SOFTWARE, an Integrated Library Management System (ILMS) facilitating efficient

library operations. This software aids users in searching for specific books, displaying entries, and providing information on available copies through the Online Public Access Catalogue (OPAC). Affiliated with DELNET, the library collaborates with member institutes, fostering resource sharing. Additionally, as a participant in the National Digital Library (NDL), the library ensures access to diverse e-resources. With a rich collection, including 4500 titles, 47500 volumes, Delnet e-books, national publications, and magazines, the library covers extensive engineering subjects. Barcoding and laser scanners streamline transactions, ensuring effective management. The library, with a committee including the Director, library in-charge, and librarian, makes informed decisions. Access to online journals, regular updates with the latest literature, and a dynamic collection of periodicals and e-contents contribute to a comprehensive learning environment for staff and students alike.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

**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**

B. Any 3 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)	<a href="#">View File</a>

**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)**

1210058.05

File Description	Documents
Any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	<a href="#">View File</a>

#### 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

110

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	<a href="#">View File</a>

#### 4.3 - IT Infrastructure

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

In Bansal Institute of Science and Technology laboratories are enabled with LAN facility line from Ishan Tele Services Ltd. and secondary backup of 10 Mbps, enabled with Wi-Fi connection uses D LINK access point. The Wi-Fi and LAN facilities have been improved to meet the needs of AICTE. Through its academic and industry driven computer laboratories, BIST gives its staff, students, and the research community access to IT support services that are at the cutting edge of their fields. All departments have enough printers, copiers, and scanners to copy and scan documents. For data access, a healthy connected LAN and Wi-Fi through structured optical fibre and cabling in the whole campus is available. Free software that is specialised for each department to meet the needs of the industry is available. Standalone language lab with audio and video gadgets and a tool for teaching and learning focused on communication is available. Hardware kit and software suite from the top maker of security products protect IT infrastructure is also available. Institute also has Power backup facility through online UPS and standby generator for un-interrupted power supply.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

#### 4.3.2 - Number of Computers

585

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

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)

4.53

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

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.

The college's leaders keep an eye on how the facilities are kept up and how they are being used. Before the start of the academic year, the college looks at its budget needs for things like buildings, furniture, lab equipment, computer systems, etc., and its allocation is also given for academic needs. Classrooms, seminar hall: They are maintained on regular basis. Regular inspection, maintenance of the furniture's and classroom equipments is done on a regular basis. Maintenance of library facilities: The College has set up a Library Committee to make sure that students and faculty have easy access to learning resources. Computing Facilities: The person in charge of the lab and the technical assistants in each department are in charge of keeping the computers running. Technical assistants checks and take care of the computers and ICT tools on a regular basis. Laboratory: Every piece of equipment in the labs has a record. In every lab, maintenance is done on a regular basis. Every six months, the lab's tools are fixed at the lab itself. Common amenities such as sanitation, plantation, indoor and outdoor game facilities are maintained on regular basis. Clean and hygienic drinking water is available in campus. Overhead water tanks are cleaned periodically. The campus has power backup facilities and generator which are monitored on regular basis. The canteen maintenance committee takes care of quality of food and other related issues.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>

## 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**

982

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

982

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	<a href="#">View File</a>

**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**

**A. All of the above**

File Description	Documents
Link to Institutional website	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

297

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

297

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded

**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**



297

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

### 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

8

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

### 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	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

### 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.**

2

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

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 )

Institute facilitates and engage students by assigning responsibility for the execution of all extracurricular activities, including sports, the annual social, and the commemoration of special days such as Rabindra Jayanti, Teachers' Day, etc. Through their participation in a variety of extracurricular activities, students are exposed to the concept of character development in a positive manner. Student Clubs was founded during the 2021-22 academic year. The club coordinators picked student representatives from all classes and genders. Different student organisations staged tree planting, teacher's day celebration, Ganesh Festival, blood donation camp, health check camp, sports week and yearly social gathering "Bansal Utsav," and Engineers day with great excitement and fervour. The students are also members of the antiaging committee, the Library Advisory committee, the English Club, and cultural and extracurricular organisations. Internal Complaint Committee, NSS and IQAC also have student representation to provide valuable feedback and suggestions on different aspects related to college

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload any additional information	<a href="#">View File</a>

### 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

4

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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 mission of the Alumni Association of Bansal Group Of Institutes , is to reach, engage and serve all alumni, present students by networking with one another to foster a life-long intellectual and emotional connection between the college and its graduates. The association serves the need of alumni for leadership, voluntary commitment, good will, financial support, enhancing industry academic collaboration and communications including public relations. There is a registered Alumni Association that contributes significantly to the development of the institution through different kinds of support services. It makes the student's aware of various extension programmes, such as College Magzines, Departmental Journals, Blogs, Departmental and Wall Magazines and encourages them to contribute for the publication. Besides, it helps the teaching staff of the college

to organize departmental Workshops, Seminars and Quiz. In fact, it works to achieve overall development of the students.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Upload any additional information	No File Uploaded

**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

In 1999, Shrinivas Education Society was founded. Through education, training, and research, the organisation has a clear goal for the social change and upliftment of populations. Bansal Institute of Science & Technology, Bhopal is one of the finest technical institutes in the state of Madhya Pradesh. It provides a great setting for concentrated education. The educational environment is characterised by a pleasant atmosphere and green surroundings. Students' perspectives are widened by an environment that is both energetic and competitive, while also being lighthearted. The institute has attracted a large number of highly trained and experienced faculty members over the years. The institute's brilliance is enhanced by the well-educated experts who keep abreast of contemporary developments in their respective fields of expertise. The Institute is raising the bar in order to ensure that its students meet the highest levels of excellence. The institute's advisory committee gives continuous recommendations compatible with its vision and objectives.

**Mission of the Institute:**

To meet the growing demand for technocrats with required professional knowledge and skills.

To create an educational environment in which students are prepared to meet the challenges of growing needs of the society by inculcating in them updated technical knowledge, analytical and practical skills.

To develop a constructive and positive outlook in life among the students.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/about-bgi-bhopal/">https://bgibhopal.com/about-bgi-bhopal/</a>
Upload any additional information	No File Uploaded

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

In Bansal Institute of Science & Technology, effective leadership is exemplified through its commitment to decentralization and participative management. The institution's leadership demonstrates a strategic approach to decision-making by decentralizing authority, allowing various departments and teams to play an active role in shaping the direction of the institute. This not only empowers faculty and staff but also ensures that decisions are made with a nuanced understanding of the unique challenges and opportunities within each department.

Participative management at Bansal Institute of Science & Technology involves fostering a collaborative environment where faculty and staff actively contribute to decision-making processes. The leadership encourages open communication channels, seeking input and insights from individuals at all levels. This approach not only values the expertise of the team members but also promotes a sense of shared responsibility for the institution's success.

Through visible leadership in decentralization and participative management, Bansal Institute of Science & Technology is likely to experience increased innovation, adaptability, and efficiency. Faculty and staff members are more likely to feel engaged and motivated, leading to a positive and dynamic work culture. Ultimately, these institutional practices contribute to the overall success and growth of Bansal Institute of Science & Technology.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/leadership/">https://bgibhopal.com/leadership/</a>
Upload any additional information	No File Uploaded

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institution's strategic framework encompasses Human Resource Management, Teaching and Learning, Library/ICT/Physical Infrastructure, Research and Development, and Community Engagement, showcasing a holistic commitment to education.

In Human Resource Management, the institution ensures comprehensive faculty workload management, facilitates continuous improvement through Faculty Development Programs (FDPs), and prioritizes timely salary disbursements, non-teaching staff training, and overall staff development and welfare for a positive work environment.

Within Library, ICT, and Physical Infrastructure/Instrumentation, a focus on student satisfaction is evident through streamlined access to information and full automation, enhancing administrative efficiency.

In Research and Development:

the institution supports faculty research, fosters entrepreneurship, and aims to increase internal revenue through diverse means. Curriculum Development involves encouraging faculty to undertake research projects and fostering student chapters.

Active participation in community services, NCC, NSS Schemes, and institutional clubs underscores the institution's dedication to social responsibility.

This comprehensive strategy positions the institution as a leader in faculty and staff development, student satisfaction, research excellence, and community engagement, contributing significantly to its overall success and impact in the field of education.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload any additional information	No File Uploaded

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.

Bansal Institute of Science & Technology has a well-defined organizational structure that adheres to university regulations due to its affiliation. The administrative framework ensures efficient governance and management of college operations. At the apex of the organizational hierarchy is the Governing Body, with the Executive Committee comprising the Chairman, Vice Chairman, and Member Secretary.

Heading the academic and administrative aspects is the Director, who plays a pivotal role in overseeing the institution's general operations and holds authority over academic, administrative, and financial matters. Collaborating with Heads of Departments (HODs), the Director contributes to the formulation and implementation of the institute's quality policy. Academic, Internal Quality Assurance Cell (IQAC), and Administrative wings report directly to the Director.

Department Heads, Faculty, Non-Teaching Staff, and Technicians collectively handle curricular matters, ensuring the smooth functioning of academic activities. The Examination branch is dedicated to monitoring and managing all examination-related affairs, contributing to the overall efficiency and effectiveness of the educational processes at the institute. This well-structured organizational framework ensures a systematic approach to the institution's governance and development.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Link to Organogram of the institution webpage	<a href="https://drive.google.com/file/d/10X3TRmCdT9yVXXpCrl3LsWcNxHN0Y4jo/view?pli=1">https://drive.google.com/file/d/10X3TRmCdT9yVXXpCrl3LsWcNxHN0Y4jo/view?pli=1</a>
Upload any additional information	<a href="#">View File</a>

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	No File Uploaded
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The government of Madhya Pradesh extends a range of welfare programs accessible through individual applications, benefiting both teaching and non-teaching personnel. The institution also takes proactive measures to ensure the well-being of its staff, including:

#### 1. Compassionate Appointment:

- Non-teaching staff can be appointed on compassionate grounds, considering the wards or siblings of teaching and non-teaching staff.

#### 2. Transport Facility:



- The institution provides transport facilities, ensuring convenient commuting options for both teaching and non-teaching personnel.

**3. Teachers' Welfare Fund:**

- A percentage (5%) of the total amount deducted from University pay for exam, invigilation, and practical viva conducted by faculty contributes to the Teachers' Welfare Fund.

**4. Salary Advance:**

- Employees facing financial need have the option to apply for a salary advance.

**5. Personal Loans:**

- Arrangements for personal loans from banks are made

**6. Medical Facilities:**

- Access to the Central Dispensary provides medical facilities for teaching and non-teaching

**7. MOU with Bansal Hospital:**

- The institution has a Memorandum of Understanding (MOU) with Bansal Hospital, enhancing medical care options for staff and students.

**8. Free Uniforms:**

- All Teaching and Non Teaching staff benefited from free uniforms, supporting their professional needs

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Upload any additional information	<a href="#">View File</a>

**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)	<a href="#">View File</a>

**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**

1

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	<a href="#">View File</a>
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)	<a href="#">View File</a>

### 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

150

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

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

BIST employs a rigorous annual performance evaluation system to assess its teaching and non-teaching staff comprehensively. For faculty, the evaluation focuses on teaching and learning activities, research and development initiatives, administrative

responsibilities, and engagement in extracurricular activities. Additionally, parameters such as feedback utilization, mentoring effectiveness, punctuality, preparation, presentation skills, discipline management, subject knowledge, and approachability are considered. The aim is to identify both strengths and weaknesses, promoting continuous improvement.

Non-teaching staff performance is overseen by the Director through regular meetings and feedback mechanisms. Student input, obtained through suggestion boxes and online feedback, plays a crucial role. The Director ensures the confidentiality of the evaluation results, creating a secure environment for staff. This emphasis on student feedback for non-teaching staff underscores BIST's commitment to providing a holistic educational experience. By utilizing these multi-faceted evaluation strategies, BIST seeks to enhance the overall quality of education and support services, fostering a culture of continuous learning and professional development among its staff.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/formats/">https://bgibhopal.com/formats/</a>
Upload any additional information	No File Uploaded

## 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

Annually, the Institute meticulously organizes its financial framework to ensure judicious utilization of available funds. The financial management is a well-structured process involving monthly reports detailing the approved budget and actual expenditures. Money utilization accounts and systematic monthly cash flow statements are maintained, providing continuous monitoring and control over the institution's balance.

Adhering to a well-defined financial policy, the institute optimizes funds for academic, administrative, and developmental goals, aligning with its overarching vision and mission. Departments contribute significantly by formulating tailored budgets for upcoming academic years, covering essential needs such as equipment, computers, and consumables. After thorough management review, budgets are approved, with provisions made for

advance or additional funds when necessary.

The Governing Body scrutinizes annual expenditures, offering insights for effective financial resource allocation. Department heads are responsible for acquiring equipment at competitive prices and optimal specifications. Regular reviews of budget utilization ensure fiscal accountability, with corrective measures taken by management as needed. Each fiscal year concludes with a financial audit conducted by a chartered accountant, verifying compliance with specified procedures. The audit report, along with financial statements, is then submitted to the college administration, upholding transparency and accountability in financial practices.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload any additional information	<a href="#">View File</a>

#### 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	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

- BIST is a self-financing institution relying primarily on student education fees as the main revenue source.
- Other income streams include interest on fixed deposits,

dividends, etc.

- Funds are allocated to various categories like infrastructure, physical assets, and academic purposes.
- Infrastructure-related expenses cover construction, renovation, and long-term assets.
- Academic allocations involve funding research projects, seminars, workshops, and other academic activities.
- Funds are utilized for acquiring physical assets according to the needs of different departments.
- Salaries for teaching and non-teaching staff are disbursed from these funds.
- Annual budget preparation ensures optimal utilization of financial resources.
- Estimates from departments and functional units guide the budget, reviewed by the Governing Body.
- The Governing Body oversees resource utilization, audits income and expenditure, and makes recommendations for better resource management.
- Funds are allocated and utilized for social service activities as part of the institution's social responsibility.

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/#">https://bgibhopal.com/#</a>
Upload any additional information	No File Uploaded

## 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

- IQAC significantly contributes to institutionalizing quality assurance methodologies and processes.
- Continuous reviews of teaching-learning processes, operational structures, and methodologies are conducted periodically.
- Initiated a comprehensive Student Satisfaction Survey and feedback mechanism, accessible through the college website.
- Organized numerous events, including webinars and talks on relevant topics like Intellectual Property Rights (IPR), under IQAC's guidance.
- Establishment of a Research and Development (R&D) cell and an Innovation and Incubation Centre (IIC).
- Preparation of the Annual Quality Assurance Report for the

session 2021-22 for uploading on the NAAC portal.

- IQAC has established clubs such as the English Club and Energy Swaraj Club to foster engagement.
- Initiated Academic Audit for continuous monitoring of academic processes.
- Motivated faculty members for the use and enrichment of Information and Communication Technology (ICT) infrastructure.
- Familiarized faculty and students with Massive Open Online Courses (MOOCs), SWAYAM, NPTEL, and ARPIT courses.
- Initiated preparations for accreditation by the National Board of Accreditation (NBA).

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload any additional information	<a href="#">View File</a>

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 institute has a meticulously planned teaching and learning process with a well-defined methodology for implementation.
- A structured review process, aligned with IQAC requirements, is in place for the Teaching Learning Process.
- Various teaching and learning methods include subject allocation, academic administration plan creation, cluster mentor meetings, and student mentoring.
- Faculty rigorously design and vet each activity before implementation.
- Progress tracking is conducted based on the type of activity implemented, with outcomes analyzed for further enhancements in consultation with concerned faculty.
- The IQAC cell has developed a robust procedure for periodic reviews covering the teaching-learning process, operational structure, methodology, and learning outcomes.
- IQAC employs diverse methods for reviewing the teaching-learning process, such as Teaching/Lecture plans, Course files, Feedback Mechanism, Peer-to-Peer Learning, and Students' Participation.
- Evaluation mechanisms for faculty focus on promoting better teaching-learning practices.

- **Criteria for faculty evaluation include regularity and punctuality, effective planning and organizing of content delivery, demonstration of concepts with relevant examples, interactivity, counseling, and proficiency in verbal and non-verbal communication skills.**

File Description	Documents
Paste link for additional information	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload any additional information	<a href="#">View File</a>

**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)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **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



The organization has started different orientation value measures. These are the main ones:

- For security reasons for the young lady understudies, the absolute grounds
- is under CCTV reconnaissance.
- The school has a Young ladies Well known Room where female understudies
- can move toward the clinical orderly depending on the situation.
- The college has hired a counselor with a lot of experience in this area. She has educated students and spoken to them to find solutions to their problems.
- Complaint Redressal Panel and Interior Objections
- Panel are working in the school and till date no
- case/complaint has been accounted for.
- Young men and young ladies are urged to take part in sports and
- extracurricular exercises on an equivalent premise.
- The school likewise has NSS wing. Equivalent interest of young men
- also, young ladies in NSS program also is noticed.

Hardly any exercises coordinated by different divisions to advance orientation value:

- Womens Day Festivity:- Class on Ladies Security.
- Mindfulness program on significance of ladies training in society.
- Mindfulness Program on Ladies Business.
- Mindfulness program on "ladies security and regard".
- Mindfulness program on ladies medical problems.
- Competition for essays on gender awareness.
- Women faculty members are recommended based on their abilities for their roles as department chairs and committee conveners, as well as for the competence with which they carry out their duties.

File Description	Documents
Annual gender sensitization action plan	Nil
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	<a href="https://drive.google.com/file/d/1bFikiE09xyuWcE6bWXdm5NfUCdR219qd/view?usp=drive_link">https://drive.google.com/file/d/1bFikiE09xyuWcE6bWXdm5NfUCdR219qd/view?usp=drive_link</a>

<b>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</b>	A. 4 or All of the above
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File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

The Institute is aware of the environmental problems caused by inappropriate trash disposal and assumes responsibility for ensuring that campus waste is appropriately disposed of and/or recycled. The institution has implemented a number of waste management procedures to protect the environment. Solid waste management: On the campus of our college, trash cans for biodegradable and nonbiodegradable waste are separated. The separated garbage is then disposed of in eco-friendly manner. Waste recycling system: The college has a proper trash recycling system. In our institution, we utilise paper to the fullest extent possible. In all official matters, double-sided printing is encouraged, unless it is necessary to use new paper. To save paper, printing is carried out only when essentially needed. ERP is implemented for disseminating the information. To create awareness among the students and staff and to sensitise them about environment issues, Environmental Awareness Rallies are organised. Liquid waste management: The institute is located within the municipal limits of Bhopal, and the Bhopal Municipal Corporation

manages all of its liquid waste. The garbage is sent to the municipal sewage treatment plant for processing. E-waste management: For the E-waste system, laboratory assistants undertake simple repairs while external technicians handle major issues. All old, non-working electronics are recycled, and new, eco-friendly appliances are purchased at regular intervals. E-waste collection centre frequently clears out outdated electronics parts.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	No File Uploaded

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

**B. Any 3 of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

**7.1.5 - Green campus initiatives include**

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

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

**A. Any 4 or All of the above**

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

<b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following</b> <ol style="list-style-type: none"> <li>1.Green audit</li> <li>2. Energy audit</li> <li>3.Environment audit</li> <li>4.Clean and green campus recognitions/awards</li> <li>5. Beyond the campus environmental promotional activities</li> </ol>	D. Any 1 of the above
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	No File Uploaded
Certificates of the awards received	No File Uploaded
Any other relevant information	No File Uploaded

<b>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</b> <ol style="list-style-type: none"> <li>5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</li> </ol>	A. Any 4 or all of the above
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File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	No File Uploaded
Any other relevant information	No File Uploaded

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

The institution is making aggressive steps to foster an inclusive environment. The projects are intended to encourage education, the economic advancement of the disadvantaged environment, and communal harmony. The Institute has given talks in the villages to raise their environmental and ethical consciousness. The Institute has also evaluated the quality of the accessible drinking water in these villages. The extended programmes are intended to foster a holistic environment for the growth of students. The institute has historically been in the forefront of educating students about the cultural, regional, linguistic, communal, and socioeconomic diversity of the state and nation. To encourage tolerance and concord, the College celebrates cultural and regional events like Youth Festival, Constitution Day, etc. The Gender Equality Policy emphasises equal opportunities, rights, and access for women and men. Policy for the differently abled guarantees that every member of the department is aware of how to treat differently-abled individuals. By providing a barrier-free environment, necessary facilities, and human and technology help, the department makes ongoing efforts to ensure that all college activities are accessible to those with disabilities. The curriculum include lessons on human rights, peace, tolerance, love, compassion, harmony, promotion of social values, environmental preservation awareness, and ethics.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

Teachers, non-teaching staff, and students are made aware of their constitutional obligations in a variety of ways. The college hosts numerous constitutional holidays, including Independence Day, Republic Day and others. Every year on August 15th and January 26th, our college's teaching, non-teaching staff, and student raise the Indian flag. Regarding research ethics, the college rigorously adheres to Annual Quality Assurance Report of BANSAL INSTITUTE OF SCIENCE AND TECHNOLOGY plagiarism regulations. The IQAC has recommended the release of a soft copy with the plagiarism report. As an affiliated college of RGPV University, the college has access to the URKUND software. Various events like awareness about blood donation, awareness programs for Corona, cleanliness drives etc. are regularly organised by NSS of our college. The Institute formulates policies that represent fundamental principles. A code of behaviour has been drafted for students and faculty, and everyone must adhere to the conduct guidelines. The affiliating University curriculum is framed with mandatory courses like Professional ethics and human values, Energy ecology and Environment as a small step to inculcate constitutional obligations among the students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://drive.google.com/drive/u/2/folders/19ee4sHro_Y0X2RjdbsvB_90oRL8cafwg">https://drive.google.com/drive/u/2/folders/19ee4sHro_Y0X2RjdbsvB_90oRL8cafwg</a>
Any other relevant information	Nil

**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**

A. All of the above

**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**

File Description	Documents
Code of ethics policy document	<a href="#">View File</a>
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	No File Uploaded
Any other relevant information	No File Uploaded

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

The institute commemorates republic day and independence day annually with the hoisting of the Indian Tricolor Flag, followed by patriotic musical performances, stage plays, and dances by students and teachers. Diwali celebrations are held in campus. The programme includes several exciting events followed by amusing games for all participants. The Institute Also Celebrates the Birth Anniversaries of National Leaders. Every year on September 15, the institute celebrates Engineers Day on the occasion of Dr. Visvesvaraya's birth anniversary. Reputable academics and business professionals organise special discussions and lectures. Swami Vivekanand Jayanti is enthusiastically celebrated on campus as Youth Day on specified dates to pay tribute to the eminent personality who built our nation. Exhibitions and talks are arranged to motivate the younger generation by the dedication and work of national hero. On the occasion of Teachers Day on September 5th, the Institute hosts a big cultural event and commemorates the birthday of Dr. Sarvepalli Radhakrishnan. All the staff are felicitated on this occasion. Women's Day is celebrated on 8th March on campus with a Special Seminar conducted to address Women Empowerment. The International Yoga day is also celebrated every year. All festivals of religious importance were celebrated.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
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 I

Title of Practice 1. Research Culture in College

Objective of Practice: Enhancement of academic and student research opportunities and research outcomes.

- Significant research outcomes are: Publications in Good Impact Journals Wide participation in Conferences and Seminars
- Extramural Research projects giving research opportunities to faculty
- Research Internship opportunities for undergraduate At least 02 industry linkages for research work in a year
- Organising at least 01 seminar / workshop / conference on defined research topic in a year

### BEST PRACTICE II

Title of Practice 1.Skill Development Program

Objectives of Program: Several reports say that only 15 % of students are employable and can get absorbed in companies for job of their liking. Remaining 85 % students find themselves searching for the job. The main difference between these two types of students is „Employability Skills It is said that, mastering employability skills are equally important with academic achievements. Most of the students are not aware about importance of employability skills duringtheir graduation. This program aims to provide employability skills to our students.



**Outcome:**

- Industry ready students
- Increase in number of placements.

File Description	Documents
Best practices in the Institutional website	<a href="https://bgibhopal.com/">https://bgibhopal.com/</a>
Any other relevant information	<a href="https://drive.google.com/drive/folders/1Jt_fKciuKeuEltS02OuptrCbmsyxF4TUz">https://drive.google.com/drive/folders/1Jt_fKciuKeuEltS02OuptrCbmsyxF4TUz</a>

**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

Bansal Institute of Science and Technology (BIST) is a self-financing, quality-conscious, trend-setting institution with an emphasis on offering equitable chances for the development of human potentials to all segments of society, including the differentiated one. The BIST is a unique initiative in which academics and professionals have collaborated to aid and guide the education agenda. The Institute was founded by educationalists and social workers who are sincerely concerned with education standards and motivated to improve the quality, content, and direction of education through their altruistic efforts. BIST's intellectual capital consists of academic members who are committed for facilitating the acquisition of conceptual understanding, skills, and required behavioural attributes in order to shape students into the Global Professionals of tomorrow. The institution is continuously working towards: Creating conducive environment for students to gain insight into their academic pursuits to make them more employable and knowledgeable: This will develop a wholesome personality of students. For this the institutes is striving hard to establish strong placement linkages

and also assisting students in their psychological health through trained counsellors. To help students build a well-rounded personality, we seek to provide additional sports and extracurricular facilities. Conducting a multitude of extension efforts to provide health/hygiene/education to students. Promoting research and innovation programs for students and teachers.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

- Preparation of NBA accreditation
- Enhancing Alumni Network by establishing committees/representatives at the department level who will identify illustrious alumni of their respective department and design a system for their participation in the college's progress.
- A formal mechanism of remedial classes through IQAC.
- Annual Academic Audit will conduct through IQAC
- Enhancing e-governance
- Upgradation of College website
- Organizing ICT enabling workshop for teaching and non-teaching staff.
- Organizing Seminar/ Workshop / Conferences
- Upgradation of Campus Network and Internet Connectivity
- Implementation of College Management System / Student Management System or Management Information System (MIS).
- Celebration / Organization of National and International Commemorative Days, events and festivals.
- Implementation of Add-on course on soft skills/communication skills.
- Enhancement of Online Admission Process.
- Enhancement of ICT facilities.
- Process to Create ABC id.
- Audit for Green Campus.