



YEARLY STATUS REPORT - 2022-2023

Part A

Data of the Institution

1.Name of the Institution		Bahauddin Government Science College
• Name of the Head of the institution	Dr. R. P. Bhatt	
• Designation	Principal	
• Does the institution function from its own campus?	Yes	
• Phone no./Alternate phone no.	02852675731	
• Mobile No:	9426975482	
• Registered e-mail	principal.bsc@gmail.com	
• Alternate e-mail	prin-bgscjunagadh@gujgov.edu.in	
• Address	Near Bhootnath Mahadev Temple, College Road	
• City/Town	Junagadh	
• State/UT	Gujarat	
• Pin Code	362001	
2.Institutional status		
• Affiliated / Constitution Colleges	Affiliated	
• Type of Institution	Co-education	
• Location	Urban	

• Financial Status	UGC 2f and 12(B)				
• Name of the Affiliating University	Bhakta Kavi Narsinh Mehta University				
• Name of the IQAC Coordinator	Prof. R. R. Ram				
• Phone No.	02852675731				
• Alternate phone No.	02852675731				
• Mobile	9426287855				
• IQAC e-mail address	principal.bsc@gmail.com				
• Alternate e-mail address	prin-bgscjunagadh@gujgov.edu.in				
3.Website address (Web link of the AQAR (Previous Academic Year)	https://bahauddinscience.edu.in/home/aqar				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	https://bahauddinscience.edu.in/home/academic_calandar				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B++	3.24	2007	31/03/2007	30/03/2012
Cycle 2	B	2.46	2019	09/09/2019	08/09/2024
6.Date of Establishment of IQAC			15/06/2012		
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
Institutional 1	Salary	State Government	2022-23	59613849
Institutional 1	Contingency	State Government	2022-23	2977508
Institutional 1	Cleaning and Maintenance	State Government	2022-23	1399371
Institutional 1	Security	State Government	2022-23	1981815
Institutional 1	Saptadhara	State Government	2022-23	100000
Institutional 1	UDISHA/Placement	State Government	2022-23	200000
Institutional 1	Finishing School	State Government	2022-23	195000
Institutional 1	Innovation Club	State Government	2022-23	57950
Institutional 1	NSS	State Government	2022-23	25000
Institutional 1	Azadi Ka Amrit Mahotsav	State Government	2022-23	5000
Institutional 1	Azadi Ka Amrit Mahotsav- Panch Prakaalp	State Government	2022-23	10000

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	4	
• Were the minutes of IQAC meeting(s) and	No	

compliance to the decisions have been uploaded on the institutional website?		
• If No, please upload the minutes of the meeting(s) and Action Taken Report	View File	
10. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
• If yes, mention the amount		
11. Significant contributions made by IQAC during the current year (maximum five bullets)		
• Decided to achieve better rank in quality audits of NIRF and GSIRF and achieved remarkably • Successfully organized a National Conference under title “Environmental solutions: Green chemistry, Renewable energy and Sustainable development” with huge participation • Placement drive and Career counseling performed successfully • Green campus and energy conservation measures implementation continued • Students were taught and graduated for the Azadi Ka Amrit Mahotsav and the importance of hosting the G20 successfully		
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	
In the beginning of year, we have decided to participate and achieve the highest possible rank in quality audits of NIRF and GSIRF. (It is worth mentioning here that we have achieved a milestone in quality education in 2017 by getting 77th all India rank in NIRF).	Like NIRF Government of Gujarat initiated the ranking framework for HI namely GSIRF. Proudly we state that our institute is the only government college to achieve 4 stars ranking in GSIRF. This ranking is carried out by KCG (Knowledge Consortium of Gujarat) under the aegis of Education Department Government of Gujarat in partnership with the Indian Centre for Academic Rankings Framework and Excellence (ICARE), which is created for ranking of educational institution with	

	world class academic standards in the country in line with the global standards.
IQAC decided to organize a national level conference on thrust area of the environmental issues and its solutions. The motive of this initiative is to expose under graduate students to current environmental challenges and solutions. Emphasis was made on solutions rather than problems.	A national conference "Environmental solutions: Green chemistry, Renewable energy and Sustainable development" was organized on 28/02/2023 with more than 800 participants belonging to different categories such as faculties, researchers, neo-researchers, and students. The motive of the conference was to aware students and engage them with pertinent issues in the field of science.
IQAC suggested to facilitate students to enhance employability and plan, implement and organize a platform to conduct job placement fares.	The principal of this college, Dr. R. P. Bhatt is the Nodal Officer for placement fare at district level. Thus, a mega placement fare under his supervision was organized on 9th and 10th March-2023. In this fare total 3102 students and 30 companies for 533 vacancies were registered online on placement portal. Out of which 104 students were selected for placement. We have organized recruitment drive in collaboration with blue flag companies like The Reliance Industries, The Indian Rayon Ltd. and Astral Adhesive Ltd. as well as Dharmaj Crop Guard Ltd. where our 16 students were selected. Under the visionary leadership of college Principal Dr. R. P. Bhatt, all staff members are actively participating in all kinds of activities for student career and development. In the career guidance series, Bahauddin

Science College periodically organizes lectures on research, skill development, career building, character building, nation building, etc. through experts from different fields, under this series (1) Dr. Harish Shukla, Senior Technical Consultant, delivered inspirational lecture about various departments of industry like, R&D, ADL, QC, QA, etc. for third year Chemistry students on 21/12/2022 for the pursual of better career opportunities. (2) Dr. Ravi Devani, Postdoctoral Researcher, Inrae, Institut De Sciences Des Plantes-Paris-Saclay (Ips2), France gave an informative lecture on 16/01/2023 to the students on the research opportunities in Biotechnology and the contribution of basic sciences to it. (3) On 9th February, 2023 a lecture was held at the College on the concept of Reshaping of India and self-reliant India by the regional organizer of Swadeshi Jagran Manch, Mr. Manohar Lalji, who emphasized on startup initiatives and self-employability for the students. (4) On 10th February, 2023 a lecture was delivered on "The story Behind Thermodynamics and Misconceptions in Chemistry" by an alumnus of IIT Bombay, Dr Hari Om, at present Associate Professor, Department of Chemistry, DCR University of Science and Technology, Hariyana. On 13th October, 2022, Dr. Rajesh Thumbar, Founder and Chief Scientist at Shri Krushna

	Gene Lab and Research Centre Rajkot and Mr. Jignesh Kariya Founder of Mangalam Invitro Lab Junagadh conducted a session on Intellectual Property Rights, Startup and innovation and patent registration. On 03/01/2023, Mr. Rajesh Tanna (IAS), Municipal Commissioner, Junagadh Municipal Corporation, conducted an interactive session on 'Career Guidance' for the students.
IQAC identified and suggested measures to adopt practices to ensure and promote awareness for energy conservation, waste management and green campus	The college has a set-up of two solar panel with capacity of 38 KVA that helped to reduce the use of conventional energy sources. As an outcome the electricity bill reduced nearer to zero. A practice is also adopted by the staff and students to switch off the lights and fans while leaving the premises for energy conservation. Activities such as maintaining water harvesting and recharge facilities, tree plantation in the campus and hostel premises, collection of organic waste and maintaining compost pits for organic manure preparation are regularly monitored. To encourage the students for energy conservation practices and bring solutions in their routine life regular seminars and conferences are held.
Students were taught and graduated for the Azadi Ka Amrit Mahotsav and the importance of hosting the G20 successfully	This year Government of India launched new program "Meri Maati Mera Desh
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
2021-22	18/01/2023

15. Multidisciplinary / interdisciplinary

The institute is fully prepared to execute multidisciplinary courses keeping in view the holistic and multidisciplinary approach under NEP 2020. We have also drafted proposals which offers flexible and innovative credit-based courses. The institute aims to provide a value-based education to assist the students in developing success and shaping character, and making them responsible citizens. The institute has implemented an add-on course IPDC i.e. Integrated Personality Development Course for the students at the initial level of the higher education. We have also designed and proposed a course on Indian knowledge system in such a way that with multidisciplinary approach right from ancient science to the modern art, geography to geology, Sanskrit to linguistic thus covering all the aspects of life with aim for holistic development of students.

16. Academic bank of credits (ABC):

The ABC portal has been created by the university and all the students of this college have been registered for credit account as per the guidelines.

17. Skill development:

The institute has adopted an add-on course IPDC i.e. Integrated Personality Development Course to provide value-based education to inculcate positivity amongst the students that include the development of humanistic, ethical, Constitutional, and universal human values of truth (satya), righteous conduct (dharma), peace (shanti), love (prem), nonviolence (ahimsa), scientific temper, citizenship values, and also life-skills etc.

College have some programs like Student Start-up Innovation Program (SSIP), Innovation club, NSS, NCC, Saptadhara and SCOPE to enhance

the overall skills of the students for the multidisciplinary development of students. Finishing School, a skilled based program which aims to develop interview and soft skills in the students to increase employability is also successfully deployed. All the programs are implemented as a part of the academic plan of the government hence we wish to provide credits for the same.
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
For the integration of Indian knowledge system using the both online and offline mode the college has implemented a value oriented program such as IPDC in regional language mode. The course includes the knowledge of Indian languages (Sanskrit, Pali, Prakrit and classical, tribal and endangered etc.), Indian ancient traditional knowledge, Indian Arts and Indian Culture and traditions.
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
The institution aims to transform its curriculum towards Outcome based Education (OBE). Along with program and course outcomes, the college has adopted many curricular and extracurricular activities as a part of annual academic calendar for integrated personality development of the students that inculcate the development of humanistic, ethical, constitutional, universal human values, truth, righteous conduct, service to mankind, integrity, peace, love, nonviolence, scientific temper, citizenship values and life-skills.
20.Distance education/online education:
The institution can take a lead in conducting online as well offline vocational courses as per the directives of NEP 2020. Moreover, we are fully equipped with necessary ICT tools with audio-visual facilities and high-speed internet connectivity to implement it at the institutional level.

Extended Profile

1.Programme

1.1

106

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

File Description	Documents
Data Template	View File

2.Student

2.1

1043

Number of students during the year

File Description	Documents
Data Template	View File

2.2

307

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

File Description	Documents
Data Template	View File

2.3

288

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	View File

3.Academic

3.1

39

Number of full time teachers during the year

File Description	Documents
Data Template	View File

3.2

49

Number of Sanctioned posts during the year

Extended Profile

1.Programme

1.1	106
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	1043
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	307
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	288
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	39
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	49
Number of Sanctioned posts during the year	
File Description	Documents
Data Template	View File
4.Institution	
4.1	16
Total number of Classrooms and Seminar halls	
4.2	28.2
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	117
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Bahauddin Science College, Junagadh was established in 1901, having the privilege to be affiliated with four universities: Bombay University, Gujarat University, Saurashtra University and at present Bhakta Kavi Narsinh Mehta University. Since its inception college has been fortunate to have the very eminent faculties like legendary mathematicians Prof. A. R. Rao and Prof. J.B. Shandilya, brilliant botanist Prof. Kapadiya, expert zoologist and principal Prof. Noronha. Because of such academicians college has a long tradition of effective curriculum delivery which has been maintained till date.

The IQAC of the college with all Head of Departments and staff members develops strategies for effective implementation of the curriculum. HoDs allocate the theory and laboratory courses to faculties according to area of expertise, skills and relevant experience. Teachers are encouraged to impart the curriculum through presentations, assignments, discussions, workshops,

seminars, industrial visits, field visits, study tours including the regular/traditional chalk and talk methods. The requirement of books, journals, e-journals, etc. is regularly fulfilled. Review of the progress of curriculum delivery is done at the middle of term by HoDs. Now, Education department, Government of Gujarat also provides a common academic calendar to be implemented by all the universities. College complies with the same.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://bahauddinscience.edu.in/home/academic_calandar

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

The academic calendar of the college is prepared which gives general details about the conduct of academic activities and internal examinations. The internal examinations are held according to a timetable announced in advance through notices circulated in the classrooms and on the display board. The affiliating university prescribes the overall framework of time as far as examination timetable is concerned. Along with internal examinations, students are continuously assessed during classroom teaching and practical labs through assignments, class test, viva-voce, presentations, seminars, etc. Recently, State Government has also declared framework for such examinations to bring uniformity amongst all the colleges of state. Here, while preparing the academic calendar it is considered that the syllabi should be taught up to a certain point before the internal examination. The departments conduct their continuous internal evaluations within this broad framework.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://bahauddinscience.edu.in/home/academic_calandar

1.1.3 - Teachers of the Institution participate in following activities related to curriculum **B. Any 3 of the above**

development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

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

1.2 - Academic Flexibility

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

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

6

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

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

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

02

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

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

205

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

205

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Along with curriculum college integrates cross cutting issues like gender, environment and sustainability, human values and professional ethics in such a way that co-curricular and extracurricular activities are designed to sensitize students.

The institute fosters human values, equality and ethics into the students to make a conducive environment for teaching and learning. Special events and programs such as elocution, quiz, group discussion and essay writing were organized to sensitize students on women empowerment, climate change, natural resource conservation and environment and sustainability.

For sustainable development and conservation of environment college celebrates various programs like Wildlife Week, World Environment Day, World Ozone

Day, World Lion Day, field trips to Gir and Girnar Sanctuaries, Tree Plantation and Swachchh Bharat Abhiyan.

To inculcate human values amongst students various in-campus programs like Women's day, Yoga day, Swami Vivekanand Jayati and Gurupurnima are celebrated. Also, during lectures faculties convey importance of humanitarian aspects of subjects in curricula.

To ingrain professional ethics like truthfulness, intellectual freedom, equality of respect and opportunity into students the college has organized series of lectures of spiritual leaders, inspirational personalities and social leaders periodically.

In addition, college also conducts finishing school program to prepare students for career opportunities and professional ethics.

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

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

6

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

282

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

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

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

572

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

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

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

437

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The advanced and slow learners are identified during classroom and practical teaching and are encouraged to be in touch with concerned teachers to enhance their learning level. Here, we would like to emphasize that as there is ample chance to interact one to one with the students especially in practical, the learning levels of the students can be evaluated and queries and doubts can be quenched very easily. Advanced and slow learners are identified through their performance levels in regular classroom test, presentation, viva and interaction in class room and laboratory. Special classes for slow learners are conducted to teach them in feasible manner with all necessary tools, such as models, pictures, animated videos etc. Apart from regular classroom teaching social media platform like whatsapp, Google classroom is also used to share classroom notes and reference materials. The college has formed class-wise social media group to facilitate the students to be in continuous touch even after college timing. In keeping view advanced learners several special lectures by in-house experts and workshops on problem-solving skills were organized.

File Description	Documents
Link for additional Information	https://bahauddinscience.edu.in/upload/igac/naac/1253714702_593079704.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1043	57

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

As a part of experiential and participative learning, students collect samples, synthesize chemicals, analyze crime scene, fabricate electronic circuits, prepare herbarium, create models and draw charts which provides them a good exposure, knowledge and an opportunity to nurture their interest in respective subjects.

To give a good exposure to rich flora and fauna of the forest and to give them hands-on experience in the fields of taxonomy and wildlife research, field trips are conducted in Botany and Zoology departments in Gir and Girnar sanctuaries and the Sakkar-Baug zoological park.

Gujarat, being the most developed industrial state, Chemistry department make visits to industries like pharmaceuticals, dyes, fertilizers, etc. for enhancing their learning. Physics department regularly visits Indian Plasma Research (IPR), Physical Research Laboratory (PRL), Space Application Centre (SAC) ISRO, Ahmedabad. This year student visited Science City Ahmedabad. The college has signed MoU with Regional Forensic Science Laboratory (RFSL) branch of DFS. Thus, students are benefited with well-equipped sophisticated instrumentation.

This year, under SSIP-Innovation club initiative, four-day training for various DIY kits like drone, mechatronics, energy conservation, robotics, etc. was conducted. Besides, a 15-day online block-coding training on Amrut Navsarjan platform was conducted under SSIP for basic computer programming.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://bahauddinscience.edu.in/home/ssip

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

The faculties are encouraged to train themselves in ICT in addition to the traditional chalk and talk method. For a better understanding of the subject, teachers practice various ICT enabled tools for effective teaching-learning process.

Five connection with BHARAT fiber optics, NAMO Wi-Fi scheme provided internet facility on the campus. The whole campus has been equipped with Wi-Fi using the 24 routers.

Multimedia presentations are used as a part of regular classroom teaching. We have privilege to have LCD projectors in almost all the classrooms and there are smart classrooms as well for better multimedia exposure. Teacher can use the videos captured with SONY handy-cam and display in classroom. Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG), an initiative of the Government of Gujarat where state wide classroom known as SANDHAN with the help of satellite disc tv. SANDHAN is a part of college time table. In recent times, colleges also benefited by MS team, initiative of Government of Gujarat to carry out academic programs like teaching, examination, and assignment submission. College used various online interactive platforms like Google classroom, Zoom, WebEx for effective teaching-learning process.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://bahauddinscience.edu.in/home/resources

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

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

41

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

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

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

23

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers

487

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The evaluation mechanism followed by the College is in conformity with the affiliating university, i.e. Bhakta Kavi Narsinh Mehta University, Junagadh (BKNMU). University has implemented Choice Based Credit System (CBCS) in across all of its curricula. Continuous Internal Evaluation system is an integral part of the evaluation mechanism in CBCS. The college has an internal examination committee which looks after the conduction of internal examination as scheduled by university and prepare results. The time table for internal examinations is prepared, displayed on the central notice board and also sent to respective departments.

Teachers assess a student in a course through their interaction throughout the semester for their internal evaluation including one or more of the following mechanisms such as written tests, class presentations/seminars, viva, assignments, quizzes, etc. with their maximum weightage of 30%. Internal examination is conducted under CCTV surveillance with utmost confidentiality. We have 5 marks for regular attendance in internal evaluation. The marks of internal evaluation are put on the notice board and then entry of the same is made online onto the university portal. The remaining 70% of the marks are awarded through the External Semester Examination conducted by the university.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The grievances of the students related to examinations are addressed at two levels—College and University—depending upon the nature of the grievances. Grievances related to the internal assessment are handled by the internal examination committee of the College whereas grievances related to the external assessment are forwarded to the University. Here, we would like to mention that we are fortunate so far we have not received any complaint regarding internal assessment due to transparent mechanism. All the examinations are conducted under active CCTV surveillance with recording facility. Students are free to approach teachers and

heads of departments to resolve their queries related to the marks obtained in internal assessment. If the student concerned is not satisfied by the procedure mentioned above, they may approach to the internal examination committee of the college or the Principal. Thus, grievance redressal with reference to examinations is transparent. Examination related grievances are received by the authorities concerned of the college in a time-bound manner. All complaints are attended with utmost alacrity and resolved. The grievance redressal mechanism pertaining to examinations is efficient as all complaints are entertained without exception and resolved within a reasonable amount of time.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

Program outcomes, program specific outcomes and course outcomes for all programs offered by the college are stated and displayed on notice board also on the college website at www.bahauddinscience.edu.in. The college has maintained a dynamic website which is comprehensive and is regularly updated. Each department is given a separate page on the college website. The department page provides an introduction to the courses, facilities, faculties available in the department and the achievements of its staff and students. This page also displays a complete list of the faculties with their detailed bio data. It also has a complete and comprehensive list of the programs taught in the department with details of program objectives, program specific objectives and course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://bahauddinscience.edu.in/home/program_outcomes
Upload COs for all courses (exemplars from Glossary)	View File

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

The academic attainment of the students is evaluated by means of internal and external examinations. Seminars, quizzes, field trips, assignments, projects, viva-voce are a few yard sticks to access student's academic understanding. It is expected from science graduate to have scientific temperament which encompasses certain qualities like analytical thinking, problem solving, reasoning, creative thinking, critical analysis, research attitude and approach. Along with the academic gain, students are supposed to actively participate into various co-curricular and extra-curricular activities. Students are encouraged to select any of the NSS, NCC and Saptdhara to inculcate discipline, dedication, empathy, honesty like human values. Under the NSS and NCC program, many social welfare activities are organized and all of the cadets and volunteers actively participate. College also keep in touch with students to track about their placement and perusal of higher studies. Continuous assessment provides feedback on the efficacy of the teaching- learning process and learning outcomes of each course. As part of the course outcomes of the various papers taught to students during B.Sc. program, there is substantial scope of evaluation of opportunities for skill building, enhancement of conceptual understanding, training in research methodology, and experiential and fieldwork learning.

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

2.6.3 - Pass percentage of Students during the year

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

246

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://bahauddinscience.edu.in/upload/iqac/naac/1776765730_549119270.pdf

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://bahauddinscience.edu.in/upload/iqac/naac/310378180_179978486.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)

00

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

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

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

00

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

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

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

01

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

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

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

10

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

00

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

3.3 - Extension Activities

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

The college's emphasis on fostering social cohesion and community engagement thrives programs like "Panch Prakalp" under "Azadi Ka Amrit Mahotsav" in which vaccination, environmental and water conservation, Gau Adharit Prakrutik Kheti, prohibition of intoxication and Fit India to sensitize students towards critical societal issues and environmental concerns. Additionally, the college observes Ozone Day to raise awareness about the consequences of ozone layer depletion.

Moreover, the college's National Service Scheme (NSS) team actively participates in community outreach, including visits to shelters and old age homes, for humanitarian cause. The NSS also educated young voters in the college, encouraging them to vote responsibly in upcoming elections. Furthermore, the college promoted sports through highlighting 36th national games, their cultural and national significance.

In addition, the college jointly organized a district-level awareness program with other institutions focusing on India's presidency in G20, with the theme "Vasudhaiv Kutumbkam" (One Earth, One Family, One Future). A mock parliament session of G20 members was also enacted by the students.

Overall, these programs not only enrich the educational experiences of students and faculty but also contribute positively to the local community, providing practical learning opportunities and fostering a sense of responsibility towards societal and environmental issues.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/349442448_124011429.pdf
Upload any additional information	View File

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

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

00

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

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

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

62

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

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

3.3.4.1 - Total number of Students participating in extension activities conducted in

collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

11394

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

3.4 - Collaboration

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

05

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

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

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

03

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

This college spreads over 6070 sq.mt.of campus with built-up area of 4509 sq.mt. The college has 15 classrooms (4 smart classes & 3 classes with LCD projectors) all equipped with audio-visual aids, 15 laboratories, library, administrative building, girls' room, staff room, spacious air-conditioned assembly hall, indoor games room, playground. There is a Digital Education & Learning Laboratory (DELL).

There are total 108 CCTV including IP cameras for security and surveillance.

Laboratory Facilities: The science departments (Botany, Chemistry, Forensic Science, Mathematics, Physics, Zoology) and English have well equipped laboratories with computers and internet facilities. Chemical/Science Research laboratory equipped with adequate instruments to facilitate the students to pursue Ph.D. program.

We have the state of art four laboratories for Physics, Chemistry, Biology and Ballistics. Here, digital sophisticated instruments like FT-IR, Gas Chromatographer, UV visible spectrophotometer, research microscope, projector microscope, stereo microscope, comparison microscope. Also, we have tensile tester, colorimeter, potentiometer, pH meter are used in common pool.

Garden for botanical specimen collection: The garden has 54 perennial species, around 100 annuals maintained properly. Here, an effort is made to conserve some rare and endangered species. There is a well-maintained exclusive museum with >1000 specimens to promote research in zoology.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources

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

Facilities for Outdoor and indoor Games: College has ample facilities for sports and cultural activities. There is a approx. 1600 sq.mt. ground dedicated for outdoor games and 448 sq.mt. for indoor games. Along with this the college also has another ground 5200 sq.mt. which we use on sharing bases with Bahauddin Arts College in the same campus. Here students play outdoor games like cricket, volleyball, handball, softball, kabaddi, kho-kho, athletics, tug of war etc. In indoor games, students can practice and play chess, table tennis, boxing, weight and power lifting, judo, karate and wrestling. College has two badminton courts in center of main building.

Our college has successfully organized several university level tournaments like Chess, table tennis etc. The college hosts one of the oldest cricket tournaments viz. Bhatt Cup Cricket Tournament since 1917 in the tribute to Late Prof. H. M. Bhatt.

Yoga facility: The college has an open space and corridors for yoga classes conducted by yoga instructor. World Yoga Day is celebrated every year.

Facilities for Cultural Activities: For cultural events and competitions, the college has two facilities i.e., an indoor theater (450 persons) and an outdoor open-air theater (550 persons) with state-of-the-art light and sound facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources

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

class, LMS, etc.

15

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

15

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Library is automated using Integrated Library Management System (ILMS).The Bahauddin science library plays major role both in the provision of intimation for study and research and much more.

Name of ILMS software: SOUL (software for university library)

Nature of automation: Fully

Version: 3.0

Year of Automation: 2013

Collection:

Reference Books: 424

Text Books: 19472

Rare books: 188

Magazine: 193

Computerization of Library : OPAC with Bar Code System

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://bahauddinscience.edu.in/library

4.2.2 - The institution has subscription for the A. Any 4 or more of the above following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

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

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

0.80

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

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

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

45

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

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

The IT upgradation in the institution is carried out by the Technology Upgradation Committee. On the recommendation of the Technology Upgradation Committee, in consultation with the IQAC of the institute frequently updates its IT facility. Currently, there are 117 computers in the institute having internet connections with seven optical fiber Wi-Fi systems which include Bharat Fiber, NaMO WiFi and JioFiber. All these computers have updated anti-virus software.

108 CCTV cameras are also installed for the security of the students and surveillance of the institute. Out of 108, 65 cameras are HD camera while 43 are IP based CCTV cameras. There are five LED monitors placed, two at the Principal's office and remaining are placed at Central Examination Control Room as well as Biology and Physics Departments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/1392174108_32326875.pdf

4.3.2 - Number of Computers

117

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution **A. ? 50MBPS**

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

28.20

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

(A) Laboratory

In all the laboratories GLP (Good Laboratory Practice), dead stock register, issue register and others are regularly maintained. It is noteworthy to mention that our forensic department has an MoU with the forensic science laboratory of the state government. In computer laboratory, all the computer hardware and peripherals are maintained. For prevention of fire, each laboratory is equipped with adequate fire extinguishers.

(B) Library

Periodically we clean, alter and reshuffle books and also use herbal germicides for prevention from the book-worms and termite. From time-to-time books are classified and torn books are rebind and preserved. Regular updation in sense of increasing and adding to book collection, periodicals and updation of the software is done. For enrichment of the library periodically we get grants from the different funding agencies like government of Gujarat through KCG, RUSA and UGC.

(C) Sports facilities: Timely maintenance of the ground, tools and kits are carried out. Sport department maintains the dead-stock register and a routine register for keeping record. The college gets grant to maintain sports facilities under Saptdhara.

(D) Computer facilities: The computers are regularly updated and maintained.

(E) Classrooms: Cleanliness and hygiene is maintained to provide conducive environment for learning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

411

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefitted by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

2

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

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

A. All of the above

File Description	Documents
Link to institutional website	https://bahauddinscience.edu.in/home
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

256

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

256

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

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

A. All of the above

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

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

17

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

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

248

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

21

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/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.

26

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

In our institute committees are formed at administrative level for the smooth conduction of academic and non-academic programs. The students of the college are also given representation in all the committees. Students are given equal participation in committees like IQAC, NSS, NCC, Saptadhara, UDISHA cell, Anti ragging, SC-ST Cell etc. with the guidance of senior teachers to develop leadership and management skills among the students. To inculcate cultural and moral values in the students various social and religious functions are organized like Navratri, Gurupurnima, Teacher's day, NSS camp and so on, with the active participation of students. Days like International Yoga Day, World Lion Day, Librarian Day, Cycle Day and Ozone Day are celebrated enthusiastically by students. On 28-02-2023; a national conference on Environmental Solutions: green chemistry, sustainable development and renewable energy was organized and students not only actively participated but also worked as volunteers of various management committees. Under NSS program college ambassador is selected who represent the college in important activities like National Voters Day, etc. Student participation is almost everywhere like Panch Prakalp in which natural farming, environmental awareness, fit India movement, alternative medicine, yoga and plastic free campus are executed with the help of student participation.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/home
Upload any additional information	View File

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

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

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Our students are working in almost all the areas of society e.g. teaching, industries, defense, politics, police, administrative service, etc. According to the Google statistic our website is sited from various countries covering 6 continents. Thousands of students have registered on our website in alumni section. Many former students visit the college regularly and offer their services to the college. Number of industrialists are alumni of this college and running very reputed industries in Saurashtra, Gujarat and country wide like Raju Engineering, Shapar, Rajkot; Adnova Healthcare, Baroda, etc. We have a privilege in most of the industries to have our students either as proprietor or managers at higher levels. Few alumni of this college like Dr. Mehul Bhatt, QC Manager, IOCL, Vadodara, and Dr. Harish Shukla, Former Head, R&D and QA at Transpek-Silox Industry Ltd, delivered lectures on various occasions this year. More than half of the teaching staff of college are also alumni. Being a government college, we financially run the institute from the government grants but alumni have great respect and they provide additional support and guidance to the students like hands on training, exposure to their industries, career-focused talks, arranging interviews at their institutes.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/Student_corner/view_student_alumni
Upload any additional information	View File

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

File Description	Documents
Upload any additional information	View File

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

For the attainment of vision and mission of the institute which emphasize largely on the holistic development of the science students belonging to rural background predominantly to backward classes and especially girls, the management and stakeholders of the institute govern whole system for the beneficiaries. College leadership follows the guidelines laid down by UGC, Commissionerate of higher education, university, state education department, central government and also other authorities keeping in view the benefits of these end-users. Committees are formed under the guidance of head of institute and IQAC for the smooth conduction of curricular, co-curricular and extra-curricular activities for proper implementation and effective execution of the vision and mission of institute. During the committee meetings inputs are taken from all the committee members, discussed and policies are formed on that basis. Hence, for better administration, designed committees cover most of the aspects of the institute viz. administrative, academic, cultural and financial governance. Thus, nature of governance is in the direction to inculcate a conducive atmosphere so that our mission to provide thrust in the development of the nation and maintain the texture of age-old values of our culture and tradition would be fulfilled.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/
Upload any additional information	View File

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

Institute has a mechanism for delegating power of decision making and execution of the work in different aspects by providing operational autonomy to all the various functionaries to work towards decentralized governance system and participatory management.

Administrative level

The principal is the Class-I officer appointed by Government. At administrative level he plays the pivotal role and decentralizes the work to the administrative staff broadly in three domains namely student branch, establishment branch and finance branch. For better execution, teachers are also allocated duties with administrative staff. Principal execute through top down model whereby he allocates administrative works to the various department through head of the departments and it percolates systematically. Senior faculties with expertise are involved in planning and decision-making process in participatory methods.

Academic level

For academic excellence, Principal through head of the departments of different subjects puts the best efforts to provide perfect teaching through proper distribution of the syllabi and by taking feedback to effective implementation of the same. The emphasis is given in development of nurturing skill and understanding of the students. As a science college experimental work, field visit and theoretical work go hand-in-hand. Various academic committees of different subjects work accordingly.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/department
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has developed and effectively implemented their strategic plan for this year. For that purpose, one such plan to organize a national conference on one sensitive science issue was taken up. Environmental solution was identified as a major theme for the conference in which all the three areas of science viz. chemistry, biology and physics were covered. As a result, green chemistry, sustainable development, and renewable energy were selected to explore all the three basic sciences to benefit the students in these thrust areas and its research and development.

On National Science Day, institute organized a national conference on 'Environmental Solutions: Green Chemistry, Sustainable Development, and Renewable Energy'. This conference provided a platform for researchers and students engaged with pertinent issues in science. Two eminent scientist Dr. Sandip Oza, Scientist-G & Head, Cryosphere Science Division, SAC-ISRO, Ahmedabad and Dr. Mehul Bhatt (an alumnus), Quality Control Manager, IOCL, Vadodara were invited for expert lectures. More than 800 participants across the nation were benefited from their talks. A total of 271 posters were presented on the given theme to put forth ideas for environmental solutions. It denoted how science students can aid society through their innovative ideas and applied research.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqa_c/naac/868564816_201050657.pdf
Upload any additional information	View File

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

Recruitment Policies: Being a Government Institution, the recruitment process of the teaching faculties is done at Assistant Professor level and as the post is Gazetted Class-II, the State Public Service Commission (GPSC) do this process by the recommendation of the Education Department, Government of Gujarat via the Commissionerate of Higher Education. Teaching Faculties

are also recruited on contractual basis by the state government. The institute also recruits visiting faculties as per the requirement of the institute. Administrative staff is also recruited by state government after conducting exam and interview by the Government.

Promotion Procedures: The promotion of the academic and non-academic staff is directed by government norms. Promotion of the academic staff is done under Career Advancement Scheme (CAS) of UGC on the basis of Academic Performance Index (API) as well as the scrutinization by Departmental Promotion Committee (DPC) where last five year annual performance reports (APR) from last five years are considered. API is verified by IQAC at institution level and then by Commissionerate of higher education. The institute abides by the government regulations for the scale upgradation, increment and promotion.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://bahauddinscience.edu.in/upload/iqac/naac/139355684_1145259743.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The welfare measures provided by the institute for teaching and non -teaching staff are as under:

Group Insurance: All staff members have the group insurance provision as per the government norms and the institute ensures the payment of the premium.

Provision of Staff Quarter: Accommodation facilities for non-teaching staffs are available nearby surroundings of the institution.

Duty Leave for career advancement: For research and development, the college permits the employees to attend national and international conferences, seminar, and workshops by sanctioning them duty leave.

Other Special Leaves: Various leaves like special leave (SL), Casual leave (CL), Earned leave (EL), Medical leave, Maternity leave, Paternity leave are granted as per government norms to all the teaching and non-teaching staff.

Pure Drinking Water facility: R.O plants are installed with coolers in all the departments of the college for providing pure and safe drinking water to the staff and students.

Sports Facility: Indoor and outdoor games facility are provided to all faculties to improve physical fitness.

Uniform Facility: The class IV employees get the benefit of uniform allowance once in a year.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolution.aspx
Upload any additional information	View File

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

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

0

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

6.3.3 - Number of professional development /administrative training 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).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

8

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance appraisal system for teaching staff:

As this is Government College, every year all faculties have to fill Self-Appraisal Report (SAR) to the principal under whom they have served during the period of 1st April to 31st March of every year. This report is reviewed by principal and then further reviewed by the Commissioner of Higher Education. If one's SAR is not satisfactory then stipulated action may be taken accordingly.

As per the provision in Career Advancement Scheme (CAS) promotion and increment will be allowed after analyzing merits and credentials of the teacher based on weightage given to the performance. Expert assessment system shall be implemented through IQAC at institute level and by Departmental Promotion Committee at Commissioner of Higher Education.

Candidates not fulfilling the minimum score in API scoring system proposed in this scheme for all categories in the assessment process is to be re-assessed only after a minimum period of one year. The date of promotion shall be on which he/she has successfully got re-assessed.

Performance appraisal system for non-teaching staff:

For non-teaching staff especially, lab-assistant self-appraisal report (SAR) prepared by head of the departments and for office staff by head of the institute.

File Description	Documents
Paste link for additional information	http://gujarat-education.gov.in/education/e-citizen/government-resolutions/new-gr/uchh-shikshan.htm
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

As this is a government college funding is solely dependent on state government and central government funding agencies. Entire grant of salary and development is directly given to the college and principal as virtue of post becomes the DDO (Drawing and Disbursing Officer). The utilization of grants is the subject to audit from the education department, local audit department (State Government) and Accountant General Office (Central Government).

The external auditors each year verify and certify that the entire income and expenditure and the capital expenditure of the institute is as per the norms laid down by the central and state governments. The internal auditors from the higher office check and verify all the vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out time to time by Accountant General, Government of India. We would like to categorically mention that up to now there have been no major objections were found by any audit agencies. The audits of grant under initiatives of government like RUSA, UDISHA, Saptdhara, Finishing School, NSS etc. are done by local authorized Chartered Accountant.

File Description	Documents
Paste link for additional information	https://financedepartment.gujarat.gov.in/gr.html
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Being one of the most established colleges of the Government of Gujarat, the principal and senior faculties are a part of state government procurement and purchase committee which on behalf of government institutes verifies the purchase centrally. In this context each department of this college got ample amount for the purchase of instruments through central procurement. This year, college has received a special heritage grant for the beautification of the 123-year-old building. Further, the state tourism department illuminated the glorious building by mounting LED lights. For mobilization of funds, at college level finance and purchase committee along with Principal and IQAC, draft proposals as per the inputs received from different departments. The proposals submitted to government and other concerned agencies like DST, UGC, RUSA for sanction and presentation for the justification is done before these funding agencies. The procurement of the goods, scientific instruments, chemicals, glassware, stationary, etc. is done strictly as per the prevailing rules and procedures of government. Physical tenders, e-tenders and purchase from GeM (Government e-Market Place) is usually preferred. Special grants are also allotted by the Government to organize seminars, workshops and conferences. Additional grants like construction, repair and renovation are also disbursed by the government.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/399245495_2048499230.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

“Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skilful execution” by Foster reflects our measures to inculcate the same in the institution.

The IQAC is continuously striving for improvement in the academic and administrative activities of the college. The two best practices that have been institutionalized as a result of IQAC initiatives are:

1. Preparation of IIT-JAM exam

Our college faculties encourage and motivate students for the preparation of one of the prestigious entrance test IIT-JAM (Joint Admission test for Masters) to pursue higher education in renowned institute since the beginning of the B.Sc. program. College also conducts regular classes, tutorials and seminars for exam preparation. Apart from regular college hours faculties devote proper time to solve doubts of students anytime. As a result, every year many students have secured ranks and got admission in IITs and NITs. It is worth mentioning that this year one student secured AIR91 in this examination.

2. Campus placement

As a nodal college, this institute has organized Mega placement fairs for last five years. College has invited many reputed industries and almost all of them have provided employment to the students.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/399245495_2048499230.pdf
Upload any additional information	View File

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

As per the recommendation of NAAC peer team report, the IQAC cell has implemented these two incremental practices-

Research and Innovation: To promote research and innovation in college orientation programs were organized in two folds: one is innovation club and other is Student Startup and Innovation Program (SSIP). Government has recognized these two fields and provided grants and model kits for developing skill in particular subjects like electronics, optics, astrophysics, drone technology etc. Our institute has also done MoUs with other reputed institutes of the state (Regional Forensic Science laboratory, RK University, and Dr. Subhash University). A national conference has been organized by institute on 28th February 2023 to encourage students for new dimensions of research.

English Spoken Tutorials: Harnessing the skills and potentials of the aspiring students coming from under-developed sections of the society and providing them the required edge in their chosen professional streams IQAC cell has approved the proposal of English spoken tutorials for students. The students from semester one to four are divided in batches and given regular practice and platform to get fluency in English language. English department has designed a syllabus for listening, speaking, reading and writing practices to inculcate confidence and communication competence.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/1366797844_1681165610.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://bahauddinscience.edu.in/home
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Women Development Cell of the institute exists to empower girl students and female staff which includes mental, physical and spiritual empowerment. As per the annual gender sensitization plan the institute ensures the participation of girls in curricular, co-curricular and extra-curricular activities. Periodically, the cell creates awareness through programs for the girls regarding their rights and responsibilities to enhance their status. For their safety and security institute ensure not only empower by the measures of certain committee but also by arranging regular training like karate, judo, etc. There are committees like discipline committee, women anti-harassment cell and psychological counselling center dedicated to mitigate female issues such as harassment, eve-teasing, psychological support, medical support and counselling. Girls are also promoted to participate in NCC, NSS, Saptadhara, G20 programs, etc. especially in the management of seminars, conference and annual function which empowers them intellectually. Cell ensures a gender-friendly campus and safe environment with CCTV surveillance. Girls have a separate parking

facility, common room and a garden-space near library with seating facility of around twenty-five benches and shelter of greenery. Books on spiritual topics are available in library and a separate reading space is provided. Every year international women's day and Mahila-Pakhawada are celebrated.

File Description	Documents
Annual gender sensitization action plan	https://bahauddinscience.edu.in/upload/iqa/c/naac/1008315460_1300786366.pdf
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	https://bahauddinscience.edu.in/home/resources

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management:

Entire college campus is regularly cleaned and kept in clean and neat condition. This is a science college hence waste management is a tricky part because there are several types of laboratory waste to be considered. Laboratory waste like broken glassware and biological waste is disposed properly. The solid waste of dusting, debris of ground, and dried biomass are kept separately. Dustbins are kept across the campus. There are three pits specially designed for creating organic compost out of litter of plants from the entire campus. The solid waste generated in the college campus

is managed with the help of Junagadh Municipal Corporation (JMC), by regular pick up service.

Liquid waste management:

Proper disposal of liquid waste is done through effluent treatment plant and after regular testing, it is used for the garden.

E-waste management:

Normally most of the electronic equipment and gazettes are kept in running condition so minimum waste is produced. E-waste corner has been set up in administrative building to collect and differentiate E-waste.

Waste recycling:

We collect all the leaves and debris and keep them in different pits for compost. Cow dungs, Jivamrut are also mixed to make it more fertilized.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://bahauddinscience.edu.in/upload/iqac/naac/187171910_155768262.pdf
Any other relevant information	View File

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

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

7.1.5 - Green campus initiatives include

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

B. Any 3 of the above

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

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following
1.Green audit 2. Energy audit
3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

D. Any 1 of the above

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

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

A. Any 4 or all of the above

5. Provision for enquiry and information :

**Human assistance, reader, scribe, soft copies
of reading material, screen reading**

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

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).

Bahauddin Science College promotes an inclusive environment characterized by tolerance and diversity. Through several key initiatives, the institution emphasizes unity amidst differences:

The NSS cell organizes visits to old age shelter homes, allowing students to connect with and learn from elderly residents, fostering intergenerational harmony. On National Youth Day (January 12th), the college provides a platform for students to showcase talents and celebrate their cultural heritage, promoting unity among youth from diverse backgrounds.

Annual functions feature captivating folk dances representing India's cultural diversity, entertaining and educating students about regional traditions. Through speeches and presentations, the college encourages linguistic diversity awareness, fostering an environment of language tolerance and appreciation. Bahauddin Science College hosts G20-themed celebrations, inspiring students to embrace global perspectives and international diversity. College faculties were also involved in Saurashtra Tamil sangamam program at Somnath in April 2023.

We are committed to nurturing an inclusive environment that values diverse backgrounds, and through our initiatives, we aim to shape our students into responsible, empathetic globalcitizens.

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

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

India being largest democratic country, implies some duties and responsibilities. Under the banner of Azadi ka Amrut Mahotsav by Government of India Bahauddin science college had organized following activities:

21st July, 2022: Orientation program for students was arranged to spread awareness in students regarding their duty towards nation.

6th August, 2022: College had organized 'Har Ghar Tiranga' program to cultivate honour towards nation and constitution.

12th August, 2022: College students had participated in a Tiranga Yatra organized by NSS cell of the college.

15th August, 2022: Staff and students had paid respect to the Indian flag in unfurling ceremony arranged in college campus.

23rd September, 2022: NSS cell had organized a demonstration cum training by NDRF on civilian duties in case of a disaster.

10th January, 2023: College staff and students had participated in Mega-cleanliness drive to incorporate value of clean India into their lives.

26th January, 2023: 74th Republic Day was celebrated in the college to uphold values of democracy and Indian constitution.

9th February, 2023: A lecture on self-reliant India was delivered to college students by Mr. Manohar Lalji, Swadeshi Jagran Manch.

26th February, 2023: Mock-parliament and awareness for constitution was organized under G20 program by Government of India.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

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

A. All of the above

4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

India being largest democratic country, implies some duties and responsibilities. Under the banner of Azadi ka Amrut Mahotsav by Government of India Bahauddin science college had organized following activities:

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26th February, 2023: Mock-parliament and awareness for constitution was organized under G20 program by Government of India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice- 1

- **Title of the Practice:** Environmental solutions through adapting concepts of awareness, education and practices under the theme of 'Environmental Solutions - Green Chemistry, Sustainable Development and Renewable Energy Source'.

Best Practice - 2

- **Title of the Practice: Reinforcement of Indian Knowledge System in every aspect of life of the students.**

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

7.3 - Institutional Distinctiveness

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

The college has its own distinctiveness following the 'GURU-SHISHYA PARAMPARA', which proves the success of this institution. The college aims to impart quality education to enhance their employability and make them good citizens of India. Most of our students go for higher studies and the rest are placed in reputed institution/organization. We want our students to succeed in all walks of life. The college upholds ethical values and age-old traditions as well. This institute nurtures a strong bond between students and teachers. Continuous world-wide responses and affiliation shows their sense of belongingness towards their alma-mater. The alumni of the college have global presence and the outreach covers many countries. The institute fosters human values like self-discipline, dedication, promptness, punctuality, eagerness, honesty etc. in the students and teachers to make amicable and healthy academic environment to cultivate good citizens of the society at large. The salient features of our college lie in having well-read teachers, eager learners, dedicated laboratory staff, obedient workers, transparent and effective administration and good governance and collective leadership. College has its own management, ethical values, good conduct and self-imposed discipline to protect itself from all the vices and unethical practices rampant in the society.

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Bahauddin Science College, Junagadh was established in 1901, having the privilege to be affiliated with four universities: Bombay University, Gujarat University, Saurashtra University and at present Bhakta Kavi Narsinh Mehta University. Since its inception college has been fortunate to have the very eminent faculties like legendary mathematicians Prof. A. R. Rao and Prof. J.B. Shandilya, brilliant botanist Prof. Kapadiya, expert zoologist and principal Prof. Noronha. Because of such academicians college has a long tradition of effective curriculum delivery which has been maintained till date.

The IQAC of the college with all Head of Departments and staff members develops strategies for effective implementation of the curriculum. HoDs allocate the theory and laboratory courses to faculties according to area of expertise, skills and relevant experience. Teachers are encouraged to impart the curriculum through presentations, assignments, discussions, workshops, seminars, industrial visits, field visits, study tours including the regular/traditional chalk and talk methods. The requirement of books, journals, e-journals, etc. is regularly fulfilled. Review of the progress of curriculum delivery is done at the middle of term by HoDs. Now, Education department, Government of Gujarat also provides a common academic calendar to be implemented by all the universities. College complies with the same.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	https://bahauddinscience.edu.in/home/academic_calandar

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

The academic calendar of the college is prepared which gives

general details about the conduct of academic activities and internal examinations. The internal examinations are held according to a timetable announced in advance through notices circulated in the classrooms and on the display board. The affiliating university prescribes the overall framework of time as far as examination timetable is concerned. Along with internal examinations, students are continuously assessed during classroom teaching and practical labs through assignments, class test, viva-voce, presentations, seminars, etc. Recently, State Government has also declared framework for such examinations to bring uniformity amongst all the colleges of state. Here, while preparing the academic calendar it is considered that the syllabi should be taught up to a certain point before the internal examination. The departments conduct their continuous internal evaluations within this broad framework.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	https://bahauddinscience.edu.in/home/academic_calandar

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	View File
Any additional information	View File

1.2 - Academic Flexibility**1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented****1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented****6**

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year**1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)****02**

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year**205****1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year****205**

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

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

Along with curriculum college integrates cross cutting issues like gender, environment and sustainability, human values and professional ethics in such a way that co-curricular and extracurricular activities are designed to sensitize students.

The institute fosters human values, equality and ethics into the students to make a conducive environment for teaching and learning. Special events and programs such as elocution, quiz, group discussion and essay writing were organized to sensitize students on women empowerment, climate change, natural resource conservation and environment and sustainability.

For sustainable development and conservation of environment college celebrates various programs like Wildlife Week, World Environment Day, World Ozone

Day, World Lion Day, field trips to Gir and Girnar Sanctuaries, Tree Plantation and Swachchh Bharat Abhiyan.

To inculcate human values amongst students various in-campus programs like Women's day, Yoga day, Swami Vivekanand Jayati and Gurupurnima are celebrated. Also, during lectures faculties convey importance of humanitarian aspects of subjects in curricula.

To ingrain professional ethics like truthfulness, intellectual freedom, equality of respect and opportunity into students the college has organized series of lectures of spiritual leaders, inspirational personalities and social leaders periodically.

In addition, college also conducts finishing school program to prepare students for career opportunities and professional ethics.

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

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

6

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

282

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System	
1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	A. All of the above
File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File
1.4.2 - Feedback process of the Institution may be classified as follows	B. Feedback collected, analyzed and action has been taken
File Description	Documents
Upload any additional information	View File
URL for feedback report	Nil
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of sanctioned seats during the year	
572	
File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of	

supernumerary seats)

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

437

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The advanced and slow learners are identified during classroom and practical teaching and are encouraged to be in touch with concerned teachers to enhance their learning level. Here, we would like to emphasize that as there is ample chance to interact one to one with the students especially in practical, the learning levels of the students can be evaluated and queries and doubts can be quenched very easily. Advanced and slow learners are identified through their performance levels in regular classroom test, presentation, viva and interaction in class room and laboratory. Special classes for slow learners are conducted to teach them in feasible manner with all necessary tools, such as models, pictures, animated videos etc. Apart from regular classroom teaching social media platform like whatsapp, Google classroom is also used to share classroom notes and reference materials. The college has formed class-wise social media group to facilitate the students to be in continuous touch even after college timing. In keeping view advanced learners several special lectures by in-house experts and workshops on problem-solving skills were organized.

File Description	Documents
Link for additional Information	https://bahauddinscience.edu.in/upload/iqac/naac/1253714702_593079704.pdf
Upload any additional information	View File

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

Number of Students	Number of Teachers
1043	57

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

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

As a part of experiential and participative learning, students collect samples, synthesize chemicals, analyze crime scene, fabricate electronic circuits, prepare herbarium, create models and draw charts which provides them a good exposure, knowledge and an opportunity to nurture their interest in respective subjects.

To give a good exposure to rich flora and fauna of the forest and to give them hands-on experience in the fields of taxonomy and wildlife research, field trips are conducted in Botany and Zoology departments in Gir and Girnar sanctuaries and the Sakkar-Baug zoological park.

Gujarat, being the most developed industrial state, Chemistry department make visits to industries like pharmaceuticals, dyes, fertilizers, etc. for enhancing their learning. Physics department regularly visits Indian Plasma Research (IPR), Physical Research Laboratory (PRL), Space Application Centre (SAC) ISRO, Ahmedabad. This year student visited Science City Ahmedabad. The college has signed MoU with Regional Forensic Science Laboratory (RFSL) branch of DFS. Thus, students are benefited with well-equipped sophisticated instrumentation.

This year, under SSIP-Innovation club initiative, four-day training for various DIY kits like drone, mechatronics, energy conservation, robotics, etc. was conducted. Besides, a 15-day online block-coding training on Amrut Navsarjan platform was conducted under SSIP for basic computer programing.

File Description	Documents
Upload any additional information	View File
Link for additional information	https://bahauddinscience.edu.in/home/ssip

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

The faculties are encouraged to train themselves in ICT in addition to the traditional chalk and talk method. For a better understanding of the subject, teachers practice various ICT enabled tools for effective teaching-learning process.

Five connection with BHARAT fiber optics, NAMO Wi-Fi scheme provided internet facility on the campus. The whole campus has been equipped with Wi-Fi using the 24 routers.

Multimedia presentations are used as a part of regular classroom teaching. We have privilege to have LCD projectors in almost all the classrooms and there are smart classrooms as well for better multimedia exposure. Teacher can use the videos captured with SONY handy-cam and display in classroom. Bhaskaracharya Institute for Space Applications and Geo-Informatics (BISAG), an initiative of the Government of Gujarat where state wide classroom known as SANDHAN with the help of satellite disc tv. SANDHAN is a part of college time table. In recent times, colleges also benefited by MS team, initiative of Government of Gujarat to carry out academic programs like teaching, examination, and assignment submission. College used various online interactive platforms like Google classroom, Zoom, WebEx for effective teaching-learning process.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	https://bahauddinscience.edu.in/home/resources

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

75

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality**2.4.1 - Number of full time teachers against sanctioned posts during the year****41**

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)**2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year****23**

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

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

2.4.3.1 - Total experience of full-time teachers**487**

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

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

The evaluation mechanism followed by the College is in conformity with the affiliating university, i.e. Bhakta Kavi Narsinh Mehta University, Junagadh (BKNMU). University has implemented Choice Based Credit System (CBCS) in across all of its curricula. Continuous Internal Evaluation system is an integral part of the evaluation mechanism in CBCS. The college has an internal examination committee which looks after the conduction of internal examination as scheduled by university and prepare results. The time table for internal examinations is prepared, displayed on the central notice board and also sent to respective departments.

Teachers assess a student in a course through their interaction throughout the semester for their internal evaluation including one or more of the following mechanisms such as written tests, class presentations/seminars, viva, assignments, quizzes, etc. with their maximum weightage of 30%. Internal examination is conducted under CCTV surveillance with utmost confidentiality. We have 5 marks for regular attendance in internal evaluation. The marks of internal evaluation are put on the notice board and then entry of the same is made online onto the university portal. The remaining 70% of the marks are awarded through the External Semester Examination conducted by the university.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

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

The grievances of the students related to examinations are addressed at two levels—College and University—depending upon the nature of the grievances. Grievances related to the internal assessment are handled by the internal examination committee of the College whereas grievances related to the external assessment are forwarded to the University. Here, we would like to mention that we are fortunate so far we have not received any complaint regarding internal assessment due to transparent mechanism. All the examinations are conducted under active CCTV surveillance with recording facility. Students are free to approach teachers and heads of departments to resolve their queries related to the marks obtained in internal assessment. If the student concerned is not satisfied by the procedure mentioned above, they may approach to the internal examination committee of the college or the Principal. Thus, grievance redressal with reference to examinations is transparent. Examination related grievances are received by the authorities concerned of the college in a time-bound manner. All complaints are attended with utmost alacrity and resolved. The grievance redressal mechanism pertaining to examinations is efficient as all complaints are entertained without exception and resolved within a reasonable amount of time.

File Description	Documents
Any additional information	View File
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

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

Program outcomes, program specific outcomes and course outcomes for all programs offered by the college are stated and displayed on notice board also on the college website at www.bahauddinscience.edu.in. The college has maintained a dynamic website which is comprehensive and is regularly updated. Each department is given a separate page on the college website. The department page provides an introduction to the courses, facilities, faculties available in the department and the achievements of its staff and students. This page also displays a complete list of the faculties with their

detailed bio data. It also has a complete and comprehensive list of the programs taught in the department with details of program objectives, program specific objectives and course outcomes.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	https://bahauddinscience.edu.in/home/program_outcomes
Upload COs for all courses (exemplars from Glossary)	View File

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

The academic attainment of the students is evaluated by means of internal and external examinations. Seminars, quizzes, field trips, assignments, projects, viva-voce are a few yard sticks to access student's academic understanding. It is expected from science graduate to have scientific temperament which encompasses certain qualities like analytical thinking, problem solving, reasoning, creative thinking, critical analysis, research attitude and approach. Along with the academic gain, students are supposed to actively participate into various co-curricular and extra-curricular activities. Students are encouraged to select any of the NSS, NCC and Saptdhara to inculcate discipline, dedication, empathy, honesty like human values. Under the NSS and NCC program, many social welfare activities are organized and all of the cadets and volunteers actively participate. College also keep in touch with students to track about their placement and perusal of higher studies. Continuous assessment provides feedback on the efficacy of the teaching- learning process and learning outcomes of each course. As part of the course outcomes of the various papers taught to students during B.Sc. program, there is substantial scope of evaluation of opportunities for skill building, enhancement of conceptual understanding, training in research methodology, and experiential and fieldwork learning.

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

2.6.3 - Pass percentage of Students during the year

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

246

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	https://bahauddinscience.edu.in/upload/iqac/naac/1776765730_549119270.pdf

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://bahauddinscience.edu.in/upload/iqac/naac/310378180_179978486.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)

00

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

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

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

00

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

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

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

01

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year****10**

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year****00**

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

3.3 - Extension Activities

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

The college's emphasis on fostering social cohesion and community engagement thrives programs like "Panch Prakalp" under "Azadi Ka Amrit Mahotsav" in which vaccination, environmental and water conservation, Gau Adharit Prakrutik Kheti, prohibition of intoxication and Fit India to sensitize students towards critical societal issues and environmental concerns. Additionally, the college observes Ozone Day to raise awareness about the consequences of ozone layer depletion.

Moreover, the college's National Service Scheme (NSS) team actively participates in community outreach, including visits to shelters and old age homes, for humanitarian cause. The NSS

also educated young voters in the college, encouraging them to vote responsibly in upcoming elections. Furthermore, the college promoted sports through highlighting 36th national games, their cultural and national significance.

In addition, the college jointly organized a district-level awareness program with other institutions focusing on India's presidency in G20, with the theme "Vasudhaiv Kutumbkam" (One Earth, One Family, One Future). A mock parliament session of G20 members was also enacted by the students.

Overall, these programs not only enrich the educational experiences of students and faculty but also contribute positively to the local community, providing practical learning opportunities and fostering a sense of responsibility towards societal and environmental issues.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/349442448_124011429.pdf
Upload any additional information	View File

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

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

00

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

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

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with

industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

62

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

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

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

11394

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

3.4 - Collaboration

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

05

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

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

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

03

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

This college spreads over 6070 sq.mt.of campus with built-up area of 4509 sq.mt. The college has 15 classrooms (4 smart classes & 3 classes with LCD projectors) all equipped with audio-visual aids, 15 laboratories, library, administrative building, girls' room, staff room, spacious air-conditioned assembly hall, indoor games room, playground. There is a Digital Education & Learning Laboratory (DELL).

There are total 108 CCTV including IP cameras for security and surveillance.

Laboratory Facilities: The science departments (Botany,

Chemistry, Forensic Science, Mathematics, Physics, Zoology) and English have well equipped laboratories with computers and internet facilities. Chemical/Science Research laboratory equipped with adequate instruments to facilitate the students to pursue Ph.D. program.

We have the state of art four laboratories for Physics, Chemistry, Biology and Ballistics. Here, digital sophisticated instruments like FT-IR, Gas Chromatographer, UV visible spectrophotometer, research microscope, projector microscope, stereo microscope, comparison microscope. Also, we have tensile tester, colorimeter, potentiometer, pH meter are used in common pool.

Garden for botanical specimen collection: The garden has 54 perennial species, around 100 annuals maintained properly. Here, an effort is made to conserve some rare and endangered species. There is a well-maintained exclusive museum with >1000 specimens to promote research in zoology.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources

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

Facilities for Outdoor and indoor Games: College has ample facilities for sports and cultural activities. There is a approx. 1600 sq.mt. ground dedicated for outdoor games and 448 sq.mt. for indoor games. Along with this the college also has another ground 5200 sq.mt. which we use on sharing bases with Bahauddin Arts College in the same campus. Here students play outdoor games like cricket, volleyball, handball, softball, kabaddi, kho-kho, athletics, tug of war etc. In indoor games, students can practice and play chess, table tennis, boxing, weight and power lifting, judo, karate and wrestling. College has two badminton courts in center of main building.

Our college has successfully organized several university level tournaments like Chess, table tennis etc. The college hosts one of the oldest cricket tournaments viz. Bhatt Cup Cricket

Tournament since 1917 in the tribute to Late Prof. H. M. Bhatt.

Yoga facility:The college has an open space and corridors for yoga classes conducted by yoga instructor. World Yoga Day is celebrated every year.

Facilities for Cultural Activities:For cultural events and competitions, the college has two facilities i.e., an indoor theater (450 persons) and an outdoor open-air theater (550 persons) with state-of-the-art light and sound facilities.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources

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

15

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

15

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

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

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

0

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Library is automated using Integrated Library Management System (ILMS).The Bahauddin science library plays major role both in the provision of intimation for study and research and much more.

Name of ILMS software: SOUL (software for university library)

Nature of automation: Fully

Version: 3.0

Year of Automation: 2013

Collection:

Reference Books: 424

Text Books: 19472

Rare books: 188

Magazine: 193

Computerization of Library : OPAC with Bar Code System

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://bahauddinscience.edu.in/library

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	A. Any 4 or more of the above								
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Upload any additional information</td><td>View File</td></tr> <tr> <td>Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Upload any additional information	View File	Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File			
File Description	Documents								
Upload any additional information	View File								
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File								
4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)									
0.80									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>View File</td></tr> <tr> <td>Audited statements of accounts</td><td>View File</td></tr> <tr> <td>Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Audited statements of accounts	View File	Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File	
File Description	Documents								
Any additional information	View File								
Audited statements of accounts	View File								
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File								
4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)									
4.2.4.1 - Number of teachers and students using library per day over last one year									
45									
<table border="1"> <thead> <tr> <th>File Description</th><th>Documents</th></tr> </thead> <tbody> <tr> <td>Any additional information</td><td>View File</td></tr> <tr> <td>Details of library usage by teachers and students</td><td>View File</td></tr> </tbody> </table>	File Description	Documents	Any additional information	View File	Details of library usage by teachers and students	View File			
File Description	Documents								
Any additional information	View File								
Details of library usage by teachers and students	View File								
4.3 - IT Infrastructure									
4.3.1 - Institution frequently updates its IT facilities including Wi-Fi									

The IT upgradation in the institution is carried out by the Technology Upgradation Committee. On the recommendation of the Technology Upgradation Committee, in consultation with the IQAC of the institute frequently updates its IT facility. Currently, there are 117 computers in the institute having internet connections with seven optical fiber Wi-Fi systems which include Bharat Fiber, NaMO WiFi and JioFiber. All these computers have updated anti-virus software.

108 CCTV cameras are also installed for the security of the students and surveillance of the institute. Out of 108, 65 cameras are HD camera while 43 are IP based CCTV cameras. There are five LED monitors placed, two at the Principal's office and remaining are placed at Central Examination Control Room as well as Biology and Physics Departments.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/1392174108_32326875.pdf

4.3.2 - Number of Computers

117

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

28.20

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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.

(A) Laboratory

In all the laboratories GLP (Good Laboratory Practice), dead stock register, issue register and others are regularly maintained. It is noteworthy to mention that our forensic department has an MoU with the forensic science laboratory of the state government. In computer laboratory, all the computer hardware and peripherals are maintained. For prevention of fire, each laboratory is equipped with adequate fire extinguishers.

(B) Library

Periodically we clean, alter and reshuffle books and also use herbal germicides for prevention from the book-worms and termite. From time-to-time books are classified and torn books are rebind and preserved. Regular updation in sense of increasing and adding to book collection, periodicals and updation of the software is done. For enrichment of the library periodically we get grants from the different funding agencies like government of Gujarat through KCG, RUSA and UGC.

(C) Sports facilities: Timely maintenance of the ground, tools and kits are carried out. Sport department maintains the dead-

stock register and a routine register for keeping record. The college gets grant to maintain sports facilities under Saptdhara.

(D) Computer facilities: The computers are regularly updated and maintained.

(E) Classrooms: Cleanliness and hygiene is maintained to provide conducive environment for learning.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	https://bahauddinscience.edu.in/home/resources

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

411

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

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

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

2

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

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

A. All of the above

File Description	Documents
Link to institutional website	https://bahauddinscience.edu.in/home
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

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

256

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

256

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

5.1.5 - The Institution has a transparent mechanism for timely redressal of student 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	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

17

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

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

248

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

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

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

21

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/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.

26

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

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

In our institute committees are formed at administrative level for the smooth conduction of academic and non-academic programs. The students of the college are also given representation in all the committees. Students are given equal participation in committees like IQAC, NSS, NCC, Saptadhara, UDISHA cell, Anti ragging, SC-ST Cell etc. with the guidance of senior teachers to develop leadership and management skills among the students. To inculcate cultural and moral values in the students various social and religious functions are organized like Navratri, Gurupurnima, Teacher's day, NSS camp and so on, with the active participation of students. Days like International Yoga Day, World Lion Day, Librarian Day, Cycle Day and Ozone Day are celebrated enthusiastically by students. On 28-02-2023; a national conference on Environmental Solutions: green chemistry, sustainable development and renewable energy was organized and students not only actively participated but also worked as volunteers of various management committees. Under NSS program college ambassador is selected who represent the college in important activities like National Voters Day, etc. Student participation is almost everywhere like Panch Prakalp in which natural farming, environmental awareness, fit India movement, alternative medicine, yoga and plastic free campus are executed with the help of student participation.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/home
Upload any additional information	View File

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

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

51

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

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

Our students are working in almost all the areas of society e.g. teaching, industries, defense, politics, police, administrative service, etc. According to the Google statistic our website is sited from various countries covering 6 continents. Thousands of students have registered on our website in alumni section. Many former students visit the college regularly and offer their services to the college. Number of industrialists are alumni of this college and running very reputed industries in Saurashtra, Gujarat and country wide like Raju Engineering, Shapar, Rajkot; Adnova Healthcare, Baroda, etc. We have a privilege in most of the industries to have our students either as proprietor or managers at higher levels. Few alumni of this college like Dr. Mehul Bhatt, QC Manager, IOCL, Vadodara, and Dr. Harish Shukla, Former Head, R&D and QA at Transpek-Silox Industry Ltd, delivered lectures on various occasions this year. More than half of the teaching staff of college are also alumni. Being a government college, we financially run the institute from the government grants but alumni have great respect and they provide additional support and guidance to the students like hands on training, exposure to their industries, career-focused talks, arranging interviews at their institutes.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/Student_corner/view_student_alumni
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

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

For the attainment of vision and mission of the institute which emphasize largely on the holistic development of the science students belonging to rural background predominantly to backward classes and especially girls, the management and stakeholders of the institute govern whole system for the beneficiaries. College leadership follows the guidelines laid down by UGC, Commissionerate of higher education, university, state education department, central government and also other authorities keeping in view the benefits of these end-users. Committees are formed under the guidance of head of institute and IQAC for the smooth conduction of curricular, co-curricular and extra-curricular activities for proper implementation and effective execution of the vision and mission of institute. During the committee meetings inputs are taken from all the committee members, discussed and policies are formed on that basis. Hence, for better administration, designed committees cover most of the aspects of the institute viz. administrative, academic, cultural and financial governance. Thus, nature of governance is in the direction to inculcate a conducive atmosphere so that our mission to provide thrust in the development of the nation and maintain the texture of age-old values of our culture and tradition would be fulfilled.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/
Upload any additional information	View File

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

Institute has a mechanism for delegating power of decision making and execution of the work in different aspects by providing operational autonomy to all the various functionaries to work towards decentralized governance system and participatory management.

Administrative level

The principal is the Class-I officer appointed by Government. At administrative level he plays the pivotal role and decentralizes the work to the administrative staff broadly in three domains namely student branch, establishment branch and finance branch. For better execution, teachers are also allocated duties with administrative staff. Principal execute through top down model whereby he allocates administrative works to the various department through head of the departments and it percolates systematically. Senior faculties with expertise are involved in planning and decision-making process in participatory methods.

Academic level

For academic excellence, Principal through head of the departments of different subjects puts the best efforts to provide perfect teaching through proper distribution of the syllabi and by taking feedback to effective implementation of the same. The emphasis is given in development of nurturing skill and understanding of the students. As a science college experimental work, field visit and theoretical work go hand-in-hand. Various academic committees of different subjects work accordingly.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/departmen t
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

The institute has developed and effectively implemented their strategic plan for this year. For that purpose, one such plan to organize a national conference on one sensitive science issue was taken up. Environmental solution was identified as a major theme for the conference in which all the three areas of science viz. chemistry, biology and physics were covered. As a result, green chemistry, sustainable development, and renewable energy were selected to explore all the three basic sciences to benefit the students in these thrust areas and its research and development.

On National Science Day, institute organized a national conference on 'Environmental Solutions: Green Chemistry, Sustainable Development, and Renewable Energy'. This conference provided a platform for researchers and students engaged with pertinent issues in science. Two eminent scientist Dr. Sandip Oza, Scientist-G & Head, Cryosphere Science Division, SAC-ISRO, Ahmedabad and Dr. Mehul Bhatt (an alumnus), Quality Control Manager, IOCL, Vadodara were invited for expert lectures. More than 800 participants across the nation were benefited from their talks. A total of 271 posters were presented on the given theme to put forth ideas for environmental solutions. It denoted how science students can aid society through their innovative ideas and applied research.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/868564816_201050657.pdf
Upload any additional information	View File

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

Recruitment Policies: Being a Government Institution, the recruitment process of the teaching faculties is done at Assistant Professor level and as the post is Gazetted Class-II, the State Public Service Commission (GPSC) do this process by the recommendation of the Education Department, Government of Gujarat via the Commissionerate of Higher Education. Teaching Faculties are also recruited on contractual basis by the state government. The institute also recruits visiting faculties as per the requirement of the institute. Administrative staff is also recruited by state government after conducting exam and interview by the Government.

Promotion Procedures: The promotion of the academic and non-academic staff is directed by government norms. Promotion of the academic staff is done under Career Advancement Scheme (CAS) of UGC on the basis of Academic Performance Index (API) as well as the scrutinization by Departmental Promotion Committee (DPC) where last five year annual performance reports (APR) from last five years are considered. API is verified by IQAC at institution level and then by Commissionerate of higher education. The institute abides by the government regulations for the scale upgradation, increment and promotion.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	https://bahauddinscience.edu.in/upload/iqac/naac/139355684_1145259743.pdf
Upload any additional information	View File

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

A. All of the above

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

6.3 - Faculty Empowerment Strategies

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

The welfare measures provided by the institute for teaching and non -teaching staff are as under:

Group Insurance: All staff members have the group insurance provision as per the government norms and the institute ensures the payment of the premium.

Provision of Staff Quarter: Accommodation facilities for non-teaching staffs are available nearby surroundings of the institution.

Duty Leave for career advancement: For research and development, the college permits the employees to attend national and international conferences, seminar, and workshops by sanctioning them duty leave.

Other Special Leaves: Various leaves like special leave (SL), Casual leave (CL), Earned leave (EL), Medical leave, Maternity leave, Paternity leave are granted as per government norms to all the teaching and non-teaching staff.

Pure Drinking Water facility: R.O plants are installed with coolers in all the departments of the college for providing pure and safe drinking water to the staff and students.

Sports Facility: Indoor and outdoor games facility are provided to all faculties to improve physical fitness.

Uniform Facility: The class IV employees get the benefit of uniform allowance once in a year.

File Description	Documents
Paste link for additional information	https://www.rascheguj.in/GovernmentResolution.aspx
Upload any additional information	View File

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

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

0

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

6.3.3 - Number of professional development /administrative training 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).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

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

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

8

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Performance appraisal system for teaching staff:

As this is Government College, every year all faculties have to

fill Self-Appraisal Report (SAR) to the principal under whom they have served during the period of 1st April to 31st March of every year. This report is reviewed by principal and then further reviewed by the Commissioner of Higher Education. If one's SAR is not satisfactory then stipulated action may be taken accordingly.

As per the provision in Career Advancement Scheme (CAS) promotion and increment will be allowed after analyzing merits and credentials of the teacher based on weightage given to the performance. Expert assessment system shall be implemented through IQAC at institute level and by Departmental Promotion Committee at Commissioner of Higher Education.

Candidates not fulfilling the minimum score in API scoring system proposed in this scheme for all categories in the assessment process is to be re-assessed only after a minimum period of one year. The date of promotion shall be on which he/she has successfully got re-assessed.

Performance appraisal system for non-teaching staff:

For non-teaching staff especially, lab-assistant self-appraisal report (SAR) prepared by head of the departments and for office staff by head of the institute.

File Description	Documents
Paste link for additional information	http://gujarat-education.gov.in/education/e-citizen/government-resolutions/new-gr/uchh-shikshan.htm
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

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

As this is a government college funding is solely dependent on state government and central government funding agencies. Entire grant of salary and development is directly given to the college and principal as virtue of post becomes the DDO (Drawing and Disbursing Officer). The utilization of grants is the subject to audit from the education department, local audit

department (State Government) and Accountant General Office (Central Government).

The external auditors each year verify and certify that the entire income and expenditure and the capital expenditure of the institute is as per the norms laid down by the central and state governments. The internal auditors from the higher office check and verify all the vouchers of the transactions that are carried out in each financial year. Likewise, an external audit is also carried out time to time by Accountant General, Government of India. We would like to categorically mention that up to now there have been no major objections were found by any audit agencies. The audits of grant under initiatives of government like RUSA, UDISHA, Saptdhara, Finishing School, NSS etc. are done by local authorized Chartered Accountant.

File Description	Documents
Paste link for additional information	https://financedepartment.gujarat.gov.in/gr.html
Upload any additional information	View File

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

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

0

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

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

Being one of the most established colleges of the Government of Gujarat, the principal and senior faculties are a part of state

government procurement and purchase committee which on behalf of government institutes verifies the purchase centrally. In this context each department of this college got ample amount for the purchase of instruments through central procurement. This year, college has received a special heritage grant for the beautification of the 123-year-old building. Further, the state tourism department illuminated the glorious building by mounting LED lights. For mobilization of funds, at college level finance and purchase committee along with Principal and IQAC, draft proposals as per the inputs received from different departments. The proposals submitted to government and other concerned agencies like DST, UGC, RUSA for sanction and presentation for the justification is done before these funding agencies. The procurement of the goods, scientific instruments, chemicals, glassware, stationary, etc. is done strictly as per the prevailing rules and procedures of government. Physical tenders, e-tenders and purchase from GeM (Government e-Market Place) is usually preferred. Special grants are also allotted by the Government to organize seminars, workshops and conferences. Additional grants like construction, repair and renovation are also disbursed by the government.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/399245495_2048499230.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

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

“Quality is never an accident; it is always the result of high intention, sincere effort, intelligent direction and skilful execution” by Foster reflects our measures to inculcate the same in the institution.

The IQAC is continuously striving for improvement in the academic and administrative activities of the college. The two best practices that have been institutionalized as a result of IQAC initiatives are:

1. Preparation of IIT-JAM exam

Our college faculties encourage and motivate students for the preparation of one of the prestigious entrance test IIT-JAM (Joint Admission test for Masters) to pursue higher education in renowned institute since the beginning of the B.Sc. program. College also conducts regular classes, tutorials and seminars for exam preparation. Apart from regular college hours faculties devote proper time to solve doubts of students anytime. As a result, every year many students have secured ranks and got admission in IITs and NITs. It is worth mentioning that this year one student secured AIR91 in this examination.

2. Campus placement

As a nodal college, this institute has organized Mega placement fairs for last five years. College has invited many reputed industries and almost all of them have provided employment to the students.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/399245495_2048499230.pdf
Upload any additional information	View File

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

As per the recommendation of NAAC peer team report, the IQAC cell has implemented these two incremental practices-

Research and Innovation: To promote research and innovation in college orientation programs were organized in two folds: one is innovation club and other is Student Startup and Innovation Program (SSIP). Government has recognized these two fields and provided grants and model kits for developing skill in particular subjects like electronics, optics, astrophysics, drone technology etc. Our institute has also done MoUs with other reputed institutes of the state (Regional Forensic Science laboratory, RK University, and Dr. Subhash University). A national conference has been organized by institute on 28th February 2023 to encourage students for new dimensions of research.

English Spoken Tutorials: Harnessing the skills and potentials of the aspiring students coming from under-developed sections of the society and providing them the required edge in their chosen professional streams IQAC cell has approved the proposal of English spoken tutorials for students. The students from semester one to four are divided in batches and given regular practice and platform to get fluency in English language. English department has designed a syllabus for listening, speaking, reading and writing practices to inculcate confidence and communication competence.

File Description	Documents
Paste link for additional information	https://bahauddinscience.edu.in/upload/iqac/naac/1366797844_1681165610.pdf
Upload any additional information	View File

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

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	https://bahauddinscience.edu.in/home
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

Women Development Cell of the institute exists to empower girl students and female staff which includes mental, physical and spiritual empowerment. As per the annual gender sensitization plan the institute ensures the participation of girls in curricular, co-curricular and extra-curricular activities. Periodically, the cell creates awareness through programs for the girls regarding their rights and responsibilities to enhance their status. For their safety and security institute ensure not only empower by the measures of certain committee but also by arranging regular training like karate, judo, etc. There are committees like discipline committee, women anti-harassment cell and psychological counselling center dedicated to mitigate female issues such as harassment, eve-teasing, psychological support, medical support and counselling. Girls are also promoted to participate in NCC, NSS, Saptdhara, G20 programs, etc. especially in the management of seminars, conference and annual function which empowers them intellectually. Cell ensures a gender-friendly campus and safe environment with CCTV surveillance. Girls have a separate parking facility, common room and a garden-space near library with seating facility of around twenty-five benches and shelter of greenery. Books on spiritual topics are available in library and a separate reading space is provided. Every year international women's day and Mahila-Pakhawada are celebrated.

File Description	Documents
Annual gender sensitization action plan	https://bhauddinscience.edu.in/upload/iqac/naac/1008315460_1300786366.pdf
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	https://bhauddinscience.edu.in/home/resources

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

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management:

Entire college campus is regularly cleaned and kept in clean and neat condition. This is a science college hence waste management is a tricky part because there are several types of laboratory waste to be considered. Laboratory waste like broken glassware and biological waste is disposed properly. The solid waste of dusting, debris of ground, and dried biomass are kept separately. Dustbins are kept across the campus. There are three pits specially designed for creating organic compost out of litter of plants from the entire campus. The solid waste generated in the college campus is managed with the help of Junagadh Municipal Corporation (JMC), by regular pick up service.

Liquid waste management:

Proper disposal of liquid waste is done through effluent treatment plant and after regular testing, it is used for the garden.

E-waste management:

Normally most of the electronic equipment and gazettes are kept in running condition so minimum waste is produced. E-waste corner has been set up in administrative building to collect and differentiate E-waste.

Waste recycling:

We collect all the leaves and debris and keep them in different pits for compost. Cow dungs, Jivamrut are also mixed to make it more fertilized.

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	https://bahauddinscience.edu.in/upload/iqac/naac/187171910_155768262.pdf
Any other relevant information	View File

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

A. Any 4 or all of the above

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

7.1.5 - Green campus initiatives include

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

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

B. Any 3 of the above

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

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

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

D. Any 1 of the above

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

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

A. Any 4 or all of the above

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

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).

Bahauddin Science College promotes an inclusive environment characterized by tolerance and diversity. Through several key initiatives, the institution emphasizes unity amidst differences:

The NSS cell organizes visits to old age shelter homes, allowing students to connect with and learn from elderly residents, fostering intergenerational harmony. On National Youth Day (January 12th), the college provides a platform for students to showcase talents and celebrate their cultural heritage, promoting unity among youth from diverse backgrounds.

Annual functions feature captivating folk dances representing India's cultural diversity, entertaining and educating students about regional traditions. Through speeches and presentations, the college encourages linguistic diversity awareness, fostering an environment of language tolerance and appreciation. Bahauddin Science College hosts G20-themed celebrations, inspiring students to embrace global perspectives and international diversity. College faculties were also involved in Saurashtra Tamil sangamam program at Somnath in April 2023.

We are committed to nurturing an inclusive environment that values diverse backgrounds, and through our initiatives, we aim to shape our students into responsible, empathetic globalcitizens.

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

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

India being largest democratic country, implies some duties and responsibilities. Under the banner of Azadi ka Amrut Mahotsav by Government of India Bahauddin science college had organized

following activities:

21st July, 2022: Orientation program for students was arranged to spread awareness in students regarding their duty towards nation.

6th August, 2022: College had organized 'Har Ghar Tiranga' program to cultivate honour towards nation and constitution.

12th August, 2022: College students had participated in a Tiranga Yatra organized by NSS cell of the college.

15th August, 2022: Staff and students had paid respect to the Indian flag in unfurling ceremony arranged in college campus.

23rd September, 2022: NSS cell had organized a demonstration cum training by NDRF on civilian duties in case of a disaster.

10th January, 2023: College staff and students had participated in Mega-cleanliness drive to incorporate value of clean India into their lives.

26th January, 2023: 74th Republic Day was celebrated in the college to uphold values of democracy and Indian constitution.

9th February, 2023: A lecture on self-reliant India was delivered to college students by Mr. Manohar Lalji, Swadeshi Jagran Manch.

26th February, 2023: Mock-parliament and awareness for constitution was organized under G20 program by Government of India.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed

A. All of the above

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	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

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

India being largest democratic country, implies some duties and responsibilities. Under the banner of Azadi ka Amrut Mahotsav by Government of India Bahauddin science college had organized following activities:

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26th February, 2023: Mock-parliament and awareness for constitution was organized under G20 program by Government of India.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

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

Best Practice- 1

- **Title of the Practice: Environmental solutions through adapting concepts of awareness, education and practices under the theme of 'Environmental Solutions – Green Chemistry, Sustainable Development and Renewable Energy Source'.**

Best Practice – 2

- **Title of the Practice: Reinforcement of Indian Knowledge System in every aspect of life of the students.**

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

7.3 - Institutional Distinctiveness

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

The college has its own distinctiveness following the 'GURU-SHISHYA PARAMPARA', which proves the success of this institution. The college aims to impart quality education to enhance their employability and make them good citizens of India. Most of our students go for higher studies and the rest are placed in reputed institution/organization. We want our students to succeed in all walks of life. The college upholds ethical values and age-old traditions as well. This institute nurtures a strong bond between students and teachers. Continuous world-wide responses and affiliation shows their sense of belongingness towards their alma-mater. The alumni of the college have global presence and the outreach covers many countries. The institute fosters human values like self-discipline, dedication, promptness, punctuality, eagerness, honesty etc. in the students and teachers to make amicable and healthy academic environment to cultivate good citizens of the society at large. The salient features of our college lie in having well-read teachers, eager learners, dedicated laboratory staff, obedient workers, transparent and effective administration and good governance and collective leadership. College has its own management, ethical values, good conduct and self-imposed discipline to protect itself from all the vices and unethical practices rampant in the society.

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

7.3.2 - Plan of action for the next academic year

- This institute has been recognised as one of the competent and having potential for becoming autonomous college among the government colleges of the state. As per the UGC guideline autonomous institutions are able to

determine its own courses of study thus academic and administrative autonomy is provided. Hence, college will be having independence to grow and provide ultimate benefits to end-users.

- We intend to conduct distinct and state of the art exhibitions, research activities of thrust areas, specific field/industrial visits and talent search exams to develop the depth of the subject specific aptitude.
- We propose to organise seminar/symposium/conference/workshop etc. to develop the scientific temperament and capacity building of the students.
- The college also plans to organise placement fair, career oriented programs, training for competitive examinations to enhance the employability of students.
- The college plans to propose postgraduate programs, value added/vocational/distance learning programs and other multidisciplinary/interdisciplinary programs in view of NEP 2020 to facilitate the students with better learning opportunities to prepare them to be competent in recent trends.
- The institute will identify and nurture talents under NCC, NSS, Saptadhara, Finishing School, SSIP, Sports and provide them platform to participate in state and national level competition.