



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

BAHAUDDIN GOVERNMENT SCIENCE COLLEGE

NEAR BHUTNATH TEMPLE, COLLEGE ROAD

362001

www.bahauddinscience.edu.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Bahauddin College, Junagadh is more than a century old college with great tradition of generating quality students and having learned faculty right from the outset. The visionary vizier of Sorath State Bahauddinbhai played a vital role in the establishment of this college. There was no such educational institute except in Bombay and Karachi at that time. The exquisite college building, unique in construction with Indo-Gothic architectural style was founded in 1898, got erected in 1900 and officially began functioning as an academic institute in 1901 consisting Arts and Science sections and had offered BIOLOGY, MATHEMATICS, AND PHILOSOPHICAL SCIENCE as main subjects. The present science college was bifurcated from the parent institute in 1983.

Most of the faculties have been selected by the State Public Service Commission and are either NET/SET or Ph.D. qualified. The college is recognized under section 2(f) and 12B of the UGC Act, 1956. The college was accredited with B++ grade by NAAC in 2007 and has also received 77th rank in NIRF ranking among the top 100 colleges of India in 2017.

All the class rooms and laboratories of the college are spacious and well equipped. More than 50% faculty members are alumni of this college and are naturally inclined to work hard with great sense of commitment towards their *alma mater*. Brilliant academic environment prevails in the college as a result of this many of our students topped in the university and won gold medals.

We impart science education along with values in life and that is our motto too. Proudly we state that the alumni of this college consist of remarkable public figures like Lokayukt, M.L.A. and eminent educationists etc. The college has its own hostel with adequate facilities.

It's a matter of proud that the Bahauddin Science College is the only college in Gujarat which offers B.Sc. Forensic Science since 2009. We have big semi-green campus. The students of this college have participated in state level sports and cultural competitions and have achieved remarkable success. Most of the professors are members of Board of Studies in their respective subjects.

Vision

To provide infrastructural facilities and to create conducive educational environment to pursue higher education in science stream for the students of this remote and developing area of the state with an aim to bring them in the mainstream, development of science, technology, research and value oriented society.

Mission

Keeping in mind the vision and the purpose and thereby provide higher education in science to the students of this area and with these aids bring them into the main stream of the development and thereby develop the society for futuristic overall development process. Also provide higher education which comprehensively includes the traditional and value base system associated with higher education. By this mission provide thrust

in the development of the nation and maintain the texture of age old values of our culture and tradition.

Reflection of Mission and Vision in the leadership of institute:

The mission of the institute statement defines the institute's distinctive characteristics in terms of addressing the needs of the society, students, institute's value orientation, and vision for the future. The Vision and Mission of the institute are in tune with the objectives of higher education. The formal and informal arrangements in the institute to co-ordinate the academic and administrative planning and implementation reflects the institution's efforts in achieving its vision. Thus, the college endeavors to impart quality education in pure science to the students of this area, which is predominantly rural. The very objective is to prepare a science student of the distinctive quality who can be self sufficient in making own career and become part of the development system of the nation. Implicitly this has been carried out by product i.e. by a quality student who gets proper place in ones career and the society.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. We have privilege to be one of the pioneering colleges of Gujarat State and as a result in this campus vibration of century old academia can be experienced.
2. Because excellent academic atmosphere prevailed before and has been continuously enriching the college with academic excellence for last 118 years. This has earn a great reputation to the institution in the society as well as in the state of Guajrat.
3. The glory of historical academic excellence is still sustained which is evident in recent times. We proudly state that National Institutional Ranking Framework (NIRF), an initiative of MHRD, Government of India, has recognised our college for its enormous achievements in academics and for transparent administration. The college has secured 77th rank among the top 100 colleges of India in 2017.
4. NAAC has assessed and accredited the institute with B++ grade (81%) in 2007.
5. Received A+ grade reflecting outstanding performance in Academic and Administrative Audit (AAA) in 2014 carried out by Knowledge Consortium of Gujarat.
6. The college is benefitting the socially and economically backward sections of society in this geographically disadvantaged area.
7. Discipline is strictly adhered in the college campus and it is one of the distinguished qualities of the college.
8. CCTV camera surveillance and Central Public Address System, WiFi enabled campus to facilitate students to access digital learning resources.
9. Academic, Co-curricular and Extra curricular activities are executed as per academic calendar.
10. Well equipped, adequate and spacious classrooms and laboratories with separate library building with more than 18000 books in collection.
11. Academic and non-academic staff is selected and appointed through Public Service Commission and Agencies ensuring quality standards.
12. Our college has implemented "Finishing School Program" to infuse soft skills and communication skills in the students.
13. Programs like UDISHA (Placement Cell), Saptdhara, NCC and NSS are also a part of over all development of students.
14. Average result of college is noticeably above 85 %.

15. Digitalization: Admission and enrolment processes, online examination form submission, online treasury (IFMS), PFMS, GSWAN, NMEICT, DELL laboratory, WiFi connectivity are a few milestones to mention.

Institutional Weakness

1. Due to scarcity of NET/SLET/Ph.D. qualified teaching staff in science stream state wide, we cannot get sufficient teachers in science through PSC and as a result we cannot meet to the optimum student teacher ratio.
2. Limited flexibility and opportunity in curriculum design.

Institutional Opportunity

1. Harnessing the skills and potentials of aspiring students coming from under developed sections of the society and providing them the required edge in their chosen professional streams.
2. We provide a platform which serves as *launch pad* to produce graduates and entrepreneurs trained to face the challenges of all walks of life.
3. Collaboration with institutes.

Institutional Challenge

1. To reintroduce Post Graduate courses and study centres (PG centers) under the university umbrella.
2. Transfers of faculties in public interest and for load sharing of newly established government colleges of science stream because science teachers are not available due to NET/SLET/PhD candidates for new appointment.
3. To enhance communication skills specially in English to meet the global standards in students coming from diverse linguistic backgrounds.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

With modesty we want to bring to your kind consideration that the college has received recognition at state and national level for academic and administrative excellence because of effective planning and deployment of 'curricular aspects'. At the beginning of every academic year, academic calendar is prepared in accordance with academic calendar of affiliating university. The college has 100% implemented CBCS system. Head of each department allocates the theory and laboratory courses to faculty members according to area of expertise, skills and relevant experience. The department time table is prepared which shows theory and laboratory class hours. Faculty prepares extensive lecture notes using university prescribed books and references. Laboratory are maintained and upgraded so that students are able to perform experiments in order to understand theoretical concepts with practical applications. Students' attendance and academic progress for individual course is continuously monitored through teaching plan along with continuous monitoring. Periodical tests are conducted for theory subjects and viva-voce for practical.

Apart from curricular activities, the college integrates cross cutting issues like Gender, Environment and Sustainability, Human Values and Professional Ethics in such a way that co-curricular and extra curricular activities are designed to sensitize students. The Environmental issues are dealt in detail in the classroom through a regular subject entitled 'Environmental Science' in second semester. Sustainable Development and Conservation of Environment is of much importance, college celebrates various days like 'Wildlife Week', 'World Environment Day', 'World Ozone Day', 'World Lion Day', etc. by visiting zoo or organizing field trip to Girnar Sactuary, 'Tree Plantation', Mahatma Gandhi Swachhta Programme, etc. Hence, the cross-cutting issues mentioned here are partially included as a direct part of the curriculum and all these issues are also addressed with careful consideration to include them in academic calendar as extra-curricular activities.

Feedback on course and curriculum is collected from the students, teachers, parents and alumni and are analyzed followed by appropriate action. The suggestions obtained from feedback which cannot be implemented directly at college level are shared and discussed with the senior faculty members who are members of board of studies and play a vital role in curriculum designing.

Teaching-learning and Evaluation

The college receives students from diverse socio-economic background. Average enrolment is around thousand students every year. The college strictly follows reservation policy as defined by state government. 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 skills. 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. At the commencement of every academic year, we demonstrate the basics like procedures, techniques and principles with all available tools and instruments to the students. Programs like DELL and SCOPE help students to improve their skills in English language.

We follow student centric methods like participatory learning through group discussion, seminars, quizzes, puzzles, demonstrations, assignments and field visits to involve the students actively into their own learning process. Active participation in terms of sample collection, chemical preparation, circuit preparation for different devices, and models and chart preparations provides an opportunity to the students to nurture their interest in the subject and also enhances their professional skills through learning experiences. Faculties are selected by GPSC who fulfill minimum qualification laid down by UGC. At present almost all faculties are Ph.D. qualified. ICT is extensively used in classroom teaching. State wide classroom known as SANDHAN with the help of satellite disc tv is a part of college time table and faculty also present themselves at BISAG studio.

Continuous internal evaluation is a regular process. 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, home assignments, short quizzes, mini research projects. Internal examination committee conducts and ensures transparent, time bound and efficient implementation of CIE. There is very good teaching-learning ambiance which has resulted into good academic result.

Research, Innovations and Extension

In our college good research ambiance is provided. Most of the faculties of our college are doctorate and

some are pursuing Ph.D. degree. All have diversified research experience and coming from different background like industries, Analysis laboratories etc, so it helps to student to understand different research problem and aware about research facilities which help to student for their higher education. Beside that our college has various sophisticated instruments like Fourier-transform infrared spectroscopy (FTIR), Gas chromatography (GC), Ultraviolet instrument, Bruke-field viscometer, Comparison microscope, Stereo microscope, Spectrophotometer, tensile tester which help to students, for basic operating knowledge of instruments and its application in research. Almost all the faculties have research outcomes. A total of 28 research papers, 56 books, 02 projects (around 18 lakhs) and awards are into the account of the college. E-journals and E-books are made available for teaching faculty on N-list facility for rapid access to e-resources.

Besides research, our college also promotes extension activities to provide hands on knowledge. Students are sensitized towards their role in society by participating in NSS and NCC. In this regard, various awareness programs, workshops, rallies and road shows with themes like Cleanliness, Green Environment & Tree Plantation, Gender Sensitization, Traffic Rule Awareness, Demonetization and Digital Payment and Empowerment of Girls and Women are organized by NSS unit of our college. During the second week of Kartik month every year large amount (around 8-12 lakhs) of pilgrims and devotees visit Mount Girnar for Holy Parikrama. As being in vicinity of this place we as a college have taken pledge to save and conserve the forest by sensitizing and involving students specially NSS volunteers and NCC cadets. The students of our college visit the entire parikrama route and collect the garbage spread by the pilgrims in the forest area during and after the Parikrama. Thus, the college staff has taken initiative to make the students aware for their responsibility and contribute towards protection and conservation of the nature.

Infrastructure and Learning Resources

The college campus is spread across 6070 Sq. Mt. (1.5 Acre) with built-up area of 4509 Sq. Mt. Currently we have 15 airy and spacious classrooms with adequate ICT facilities, 12 laboratories, a huge library, a separate administrative building, girls' room, staff rooms, a spacious assembly hall, a seminar hall with seating capacity of about 450 students, DELL lab, an indoor games room and huge play ground etc. College has boy's hostel facilities with intake capacity of 60 students. There are several rooms for co-curricular activities and separate offices are allotted to NCC, Sports Room. In the era of 21st century college is going hand in hand with the technological advancement as a result 2 smart boards with interactive displays are mounted and the facility is centrally accessed to the every department. The central assembly hall is also equipped with smart technology which can be used as conference hall when required. The departments are also provided laptops with Wi-Fi facilities to display e-content to the students. The college has adequate facility for accessing internet. Students can easily access computers in DELL and Mathematics laboratory.

The college library has a separate building harboring rich collection of books and periodicals (18110 text books and 327 reference books) on various subjects. There are around 500 books which are rare in multiple angles; the oldest book in library's collection was published in 1875. The library is automated using Integrated Library Management System (SOUL 2.0).

The college is under CCTV camera surveillance with one month backup where 64 CCTV cameras kept outside and inside buildings some of which are with night vision and HD resolution to monitor the safety and security of the campus. Digital presence of all the staff members is taken with the help of Biometrics. Our college follows government prescribed procedure of maintaining dead stock register which contains purchase, old items, new items, removed entries and newly added items. Financial requirements are fulfilled through government grants from various agencies for renovation and refurbishment. Recently the entire main building

was renovated incurring expenditure of about 200 lakhs.

Student Support and Progression

Keeping in mind the vision and mission of the college, we focus on the holistic development of students' which encompasses academic, psychological, professional and financial assistance. There is good harmony amongst students and teachers which provides an open environment to shun their doubts and queries. We plan all academic, co-curricular and extra-curricular activities to bring out hidden calibre and possibilities in the students. Our college facilitates students from reserved categories to get government scholarships. Average 48.4 % of students have been benefited by various government scholarships during last five years. The college aims to provide all kinds of support like soft skills courses to the final year students under Finishing School and SCOPE, around 1100 students have been benefited till date. Around 1700 students are given career counselling and proper guidance in higher studies, competitive exams and research fields under UDISHA cell and through expert lectures which resulted into great success. It gives us immense pleasure to state that around 85 students have cracked various competitive exams including NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations during last five years.

Number of outgoing students' progress to higher education is remarkable, around 277 students out of 383 have opted higher studies in 2017-18. A student has got recognition at event in Yoga for outstanding performance.

Students have got representation in hostel committee and UDISHA cells as to develop leadership and management skills. Every year 2 volunteers of NSS are selected as Campus Ambassador for Voter Awareness Program by the District Collector. Alumni of our college are working in almost all the areas of society e.g. teaching, industries, army, politics, police, administrative service, business etc. Our alumni take active interest in the overall development of the institute. Many former students visit the college regularly and offer their services to the college. It is also matter of proud for us that more than half of teaching staff in our college are also our alumni hence they have deep affection for their mother institute. They take active interest in the maintenance and development of academic environment in the college.

Governance, Leadership and Management

The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution which aims to provide infrastructural facilities and to create conducive educational environment to pursue higher education in science stream for the students of this remote and developing area of the state with an aim to bring them in the mainstream, development of science, technology, research and value oriented society.

The policies formed by the Education Department of the Govt. of Gujarat are executed to local levels by the principal who ensures the effective administration and implementation of the activities along with its academic and non-academic staff of the college. The Principal ensures that all stakeholders are involved in different activities and welcomes their suggestions. In the beginning of the year the institute prepare strategic plan for various activities in form of annual academic calendar as well as for co-curricular activities. We strictly follow the planning and accordingly admissions, teaching (theoretical and practical), examinations and results processes are done. This is a Government Institution, the recruitment of the teaching faculties and administrative staff is done by the state government. The institute abides by the Government rules and regulations for the scale up gradation, increment and promotion.

We have a very realistic and convenient grievance redressal mechanism. All the Departmental Heads are entitled to resolve the problems at the ground level. Various committees have been formed for the effective conduction of academic activities.

IQAC has taken number of quality initiatives to maintain and enrich the teaching learning environment. We proudly state that college has received name and fame for academic and administrative excellence at state as well as national level.

This is a government college, all the funds given by the funding agencies like state government, central government, UGC, RUSA, are always on the base of scheme and demands. In addition government is funding for capital expenses like salaries and allowances, maintenance and procurement. These expenses are subject to audit from the Education Department, local audit department (state government) and Accountant General Office (central government).

Institutional Values and Best Practices

Women Empowerment Cell of our college is well established and actively functioning to empower our women students and staff to make them comprehend and respond suitably to the issues pertaining to women students. The girl children were especially encouraged by number of lecture series by eminent speakers for various competitive exams, fashion designing, nutritional food preparation, Indian Culture and Heritage etc. For preparing more gender friendly campus girls-room, ladies-common-room with adequate facilities. It is also decided to place sanitary napkins dispenser machine for the girls.

NSS camps are organized every year with focus on social issues, motivational lectures, yoga training and regular medical checkup .

There is a roof top solar panel implanted in college. Under eco-friendly drive and to reduce the consumption of electricity, college is using power saving bulbs and power saver tube lights and fans in college campus. For waste management dustbins are purchased under RUSA grants and kept across the buildings. Laboratory waste like broken glassware and biological waste is disposed properly. The liquid waste generated in the chemistry laboratory is disposed off through proper channel. E-waste corner has been set up inside the college where the college e- waste is collected from time to time. Awareness is generated among the students, teachers and the non-teaching staff to dump their personal e-waste into the bin. College has two big tanks for harvesting rain water and big terrace area which is utilized to collect rain water in the tanks, kept at ground level.

All the financial, academic, administrative and processes in the college are undertaken in a manner that permits accurate scrutiny from any branch of the society. Financial undertakings are done via e-tendering as per the Government norms. Admission is done by online process purely on the basis of merit in accordance to the government reservation policies. Results of examinations are regularly displayed on the college notice board. Notices are regularly displayed in the college notice-board as well as on college website to ensure complete transparency in all its functioning.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	BAHAUDDIN GOVERNMENT SCIENCE COLLEGE
Address	Near Bhutnath Temple, College Road
City	Junagadh
State	Gujarat
Pin	362001
Website	www.bahauddinscience.edu.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	R. P. Bhatt	285-2675731	9426975482	285-2670660	principal.bsc@gmail.com
IQAC / CIQA coordinator	R. C. Viradia	285-2674379	9426472184	285-261347	viradia66@gmail.com

Status of the Institution	
Institution Status	Government

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
Date of establishment of the college	03-11-1902

University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Gujarat	Bhakta Kavi Narsinh Mehta University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	18-02-1992	View Document
12B of UGC	18-06-1997	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	NIRF MHRD National Institutional Ranking Framework
Date of recognition	03-04-2017

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Near Bhutnath Temple, College Road	Semi-urban	1.5	4509

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Physics	36	H.S.C.	English	80	77
UG	BSc,Biology	36	H.S.C.	English	60	60
UG	BSc,Biology	36	H.S.C.	English	60	59
UG	BSc,Chemistry	36	H.S.C.	English	120	120
UG	BSc,Mathematics	36	H.S.C.	English	80	80
UG	BSc,Forensic Science	36	H.S.C.	English	40	28

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	0				10				43			
Recruited	0	0	0	0	8	2	0	10	9	2	0	11
Yet to Recruit	0				0				32			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				40
Recruited	23	8	0	31
Yet to Recruit				9
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	5	1	0	6	2	0	14
M.Phil.	0	0	0	1	0	0	0	0	0	1
PG	0	0	0	2	1	0	3	0	0	6

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male		Female	
	Others		Total	
	3		12	
	0		15	

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	626	0	0	0	626
	Female	374	0	0	0	374
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	46	54	73	73
	Female	36	40	58	42
	Others	0	0	0	0
ST	Male	78	63	63	31
	Female	35	30	38	24
	Others	0	0	0	0
OBC	Male	326	293	374	222
	Female	214	250	208	334
	Others	0	0	0	0
General	Male	186	191	199	190
	Female	149	153	212	268
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1070	1074	1225	1184

3. Extended Profile

3.1 Program

Number of courses offered by the institution across all programs during the last five years

Response: 64

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of programs offered year-wise for last five years

2017-18	2016-17	2015-16	2014-15	2013-14
06	06	06	06	06

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1180	1396	1234	1184	1417

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
198	198	207	297	248

File Description	Document
Institutional Data in Prescribed Format	View Document

Number of outgoing / final year students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
383	342	510	431	345

File Description	Document
Institutional Data in Prescribed Format	View Document

3.3 Teachers

Number of full time teachers year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
32	28	27	25	25
File Description	Document			
Institutional Data in Prescribed Format	View Document			

Number of sanctioned posts year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
53	53	53	53	53
File Description	Document			
Institutional Data in Prescribed Format	View Document			

3.4 Institution

Total number of classrooms and seminar halls

Response: 16

Number of computers

Response: 65

Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
197.45	200.7	97.72	11.70	12.17

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

Our college, Bahauddin Science College, Junagadh was established in 1901. It is one of the fortunate colleges to have the privilege to be affiliated with four universities including Bhakta Kavi Narsinh Mehta University at present. Right from its early affiliations with Bombay University then with Gujarat University, Saurashtra University and from 2016-17 with Bhakta Kavi Narsinh Mehta University; excellent performance in terms of university examination is obtained. This is because of careful and effective implementation of the curriculum through the well-planned and effective process. The Synchronization of effective curriculum delivery process with prevailing academic environment of heritage institute has been developed and deployed to obtain optimum results.

Plan for effective implementation of curriculum:

At the outset, the Principal of the college conducts common room meeting with the Head of Department (HOD) and all the staff members of the various subjects to develop strategies for effective implementation of the curriculum. Curricula are well distributed amongst the teaching staff in the beginning of the year. Teachers are encouraged to impart the curriculum through innovative teaching methods such as presentations, assignments, discussions, workshops, seminars and industrial visits besides, field visit, study tour including the regular/traditional chalk and talk methods. Monitoring of the same is done regularly by Principal and HOD of respective departments. The academic calendar provided by the University is circulated to all departments at the beginning of the year. In accordance with that college also prepares its own academic calendar.

Head of each department allocates the theory and laboratory courses to faculty members according to area of expertise, skills and relevant experience. The department time table for each semester is prepared which shows theory and laboratory class hours. Faculty prepares extensive lecture notes using university prescribed books and other references. Laboratory are maintained and upgraded so that students are able to perform experiments in order to understand theoretical concepts with practical applications. Students' attendance and academic progress for individual course is continuously monitored through teaching plan along with continuous monitoring. Periodical tests are conducted for theory subjects and viva-voce for practical.

The College encourages its faculty members to participate in Orientation Programme/ Refresher Courses/ Workshops/ Seminars/ Training Programmes organized by the Universities/ Research Institutes/ Other departments, etc. to update their knowledge and to improve the teaching practices. The requirement and procurement of books, journals, e-journals, etc. is regularly fulfilled. The teaching and laboratory plans are approved by HOD before the beginning of the semester and communicated to students by respective course teacher in advance. IQAC monitors the academic activities on regular basis to ensure the execution of timetable. It also monitors execution of academic calendar and teaching learning process and finds the gap,

if any. The academic performance of students is continuously monitored by conducting unit tests during the semester.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Response: 0

1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Response: 43.8

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
00	6	00	00	6

File Description	Document
Details of participation of teachers in various bodies	View Document
Any additional information	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years

Response: 0

1.2.1.1 How many new courses are introduced within the last five years

File Description	Document
Details of the new courses introduced	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Response: 100

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

Response: 06

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Response: 0

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document

1.3 Curriculum Enrichment

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

Response:

The college has been working for the overall development of the students irrespective of gender since its inception. In fact, we have tried to cultivate scientific temperament which inculcates equality apart from caste, creed and gender. The cross-cutting issues are included in the curriculum in various subjects. So far as humanities are concerned; English is one of the subjects taught in this science college which focuses on it, especially human and moral values; professional ethics are emphasized. Moreover, the subjects like botany, zoology, chemistry and physics include environmental issues and sustainability in terms of protection and conservation of flora and fauna, pollution control and hazard protection, green chemistry, non-conventional energy concepts, etc.

The Environmental issues are dealt in detail in the classroom through a regular subject entitled 'Environmental Science'. This subject is taught in classes of second semester students of all courses i.e., A and B groups. The subject includes chapters such as, Scope & Nature of Environmental Science, Natural Resources, Eco-systems, Bio-diversity, Pollution, Social Issues, Population, and Environmental Laws. The subject is compulsory for all B.Sc. Semester II students. To obtain the certificate of this course by attending in a prescribed manner is mandatory for all the students.

Students participate in Nature Education Camps organized by State Forest Department, Junagadh and GEER Foundation, Gandhinagar at various camp sites of Forest Dept. viz., Biodiversity Centre (Khadiya), Aranya Udyan (Gandhinagar).

Sustainable Development and Conservation of Environment is of much importance, college celebrates various days like 'Wildlife Week', 'World Environment Day', 'World Ozone Day', 'World Lion Day', etc. by visiting zoo or organizing field trip to Girnar Sactuary, 'Tree Plantation', Mahatma Gandhi Swachhta Programme, etc. Students of Zoology, Botany also rendered their services as volunteers to Sakkarbuag Zoological Park on such days and helped them to spread awareness amongst zoo visitors regarding Nature Conservation and Sustainability.

Hence, the cross-cutting issues mentioned here are partially included as a direct part of the curriculum and all these issues are also addressed with careful consideration to include them in academic calendar as extra-curricular activities. The programmes and activities are organized regularly related to Gender Equality, Sustainable Environment, Human Values and Ethics.

The college teachers motivate the students in various activities through Expert lectures on various topics and issues like Women Empowerment, Beti Bachao-Beti Padhao, Creative Speaking, Women Leadership, Child & Mother Health, Legal awareness in Women, etc. during Women Empowerment Week. Students are also made aware during their N.S.S. and N.C.C. camps and programmes of certain important issues. Hence, we are fortunate that there is not a single issue of ragging or harassment noticed or occurred in the college till date due to discipline maintained in the campus.

An Equality Cell is also formulated under RUSA component 9.

The students must understand the human values and follow professional ethics in their relevant field.

Various departments organize the lectures on Human Values and Skill Development for the students of the college.

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years

Response: 1

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 01

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking field projects / internships

Response: 20.51

1.3.3.1 Number of students undertaking field projects or internships

Response: 242

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

1.4 Feedback System

1.4.1 Structured feedback received from 1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise
A. Any 4 of the above

B.Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: A.Any 4 of the above

File Description	Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

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

B. Feedback collected, analysed and action has been taken

C. Feedback collected and analysed

D. Feedback collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
URL for feedback report	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Response: 0

2.1.1.1 Number of students from other states and countries year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document

2.1.2 Average Enrollment percentage (Average of last five years)

Response: 97.44

2.1.2.1 Number of students admitted year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
376	396	408	592	492

2.1.2.2 Number of sanctioned seats year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
400	400	420	600	500

File Description	Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Response: 92.25

2.1.3.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
198	198	207	237	202

File Description	Document
Institutional data in prescribed format	View Document

2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Response:

The Bahauddin Science College, Junagadh receives students from very diverse socio-economic background, ranging from city, urban and rural areas. The students taking admission to this college are majority from Gujarati speaking communities, a few from English medium and a few from Hindi speaking background also. This type of diversity in lingual skills and socio-economic position of the students make a very diverse group. Specially for teaching, informally, 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. As this is a science college same procedure is adopted in the laboratory teaching also. 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. They are time and again individually guided by concerned teacher. At the commencement of every academic year, we demonstrate the basics like procedures, techniques and principles with all available tools and instruments to the students.

Government of Gujarat has taken certain initiatives like SCOPE (Society for Creating Opportunities through Proficiency in English), DELL (Digital English Language Laboratory) and Finishing School. All the three programs are run in this college successfully. Students are getting opportunity to give examination after training in English of the class of Cambridge Certification BULATS. They are also encouraged to participate in SAPTDHARA activities where under Gyan Dhara soft skill like general awareness and personality development is also considered. In DELL, students can learn through digital tools via e-contents. This practice enables to develop interest towards the subject amongst slow learners and also nurtures the curiosity of advanced learners. This practice is followed in every subject.

File Description	Document
Any additional information	View Document

2.2.2 Student - Full time teacher ratio

Response: 27.44

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.34

2.2.3.1 Number of differently abled students on rolls

Response: 4

File Description	Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View Document

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

Response:

We follow all the student centric methods like participatory learning through group discussion, seminars, quizzes, puzzles, demonstrations, assignments and field visits to involve the students actively into their own learning process. Active participation in terms of sample collection, chemical preparation, circuit preparation for different devices, and models and chart preparations provides an opportunity to the students to nurture their interest in the subject and also enhances their professional skills through learning experiences.

Field expeditions are regularly conducted in the subject of Botany and Zoology. Here, we would like to put into notice that the Girnar Sanctuary and Gir National Park, the last abode of Asiatic Lion, is in vicinity provides a good exposure to rich flora and fauna of the forest is the privilege to the students to develop their taxonomic as well as wildlife management skills by visiting the PAs. One of the oldest zoo, The Sakkar Baug Zoological Park is also located in Junagadh city which also serves a good learning place to the students to learn behavioural aspects on animals in captivity. It is our pleasure to inform that many of our students during and after completing of their study have got absorbed into the zoo at various positions.

Gujarat is one of the most developed industrial states in the country. The Golden Corridor also passes through the state. This has developed interest in students to seek jobs in industries at a large. In this view, students of Chemistry of this college make visit to industries like pharmaceuticals, dyes, fertilizers. There is Pharmaceutical Park located near Ahmedabad where all the leading pharmaceutical companies have their manufacturing units. We regularly arrange visits to the park for students, there by chemistry students can learn Quality Control measures and latest technological advances in the field.

The students of Physics subject have an added advantage as the national level premium institutes of Physics like Indian Plasma Research (IPR), Physical Research Laboratory (PRL), Space Application Centre (SAC) at ISRO are located in the state nearby Ahmedabad. Every year, we arrange visits to these institutes and as a result, about 10 students are working at various positions in these institutes.

Directorate of Forensic Science (DFS), Govt. of Gujarat is one of the leading investigating laboratories in the country. Gujarat Forensic Science University is one of its kinds in the world. Our college has also started B.Sc. in Forensic Science since 2009 and it is one of the unique courses offered in this state. The college has also signed MoU with DFS branch Regional Forensic Science Laboratory (RFSL). Every year, students of the course are benefited with the highly equipped sophisticated instrumentation under the guidance of forensic scientists.

File Description	Document
Any additional information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Response: 100

2.3.2.1 Number of teachers using ICT

Response: 32

File Description	Document
List of teachers (using ICT for teaching)	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Response: 36.88

2.3.3.1 Number of mentors

Response: 32

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

To teach natural science in a creative and innovating way is a challenge of its own kind. In the different subjects of science, teachers deliver lectures in the classrooms with models and examples, charts and

drawings, pictures and visuals. Multimedia presentations are used as part of regular classroom teaching. We have privilege to have LCD projectors in almost all the classrooms and a smart classroom is also there 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) is a network which is a flagship initiative of the Govt. of Gujarat where state wide classroom known as SANDHAN with the help of satellite disc tv. SANDHAN is a part of college time table and faculty also present themselves at BISAG studio time and again. Tedious concepts of science are made easy with the help of relevant co-relations with examples from socio-historical-cultural aspects of the surroundings. As every teacher comes in the institute by obtaining one or the other higher qualifications and selected through State Public Service Commission (GPSC). Hence, teacher has a motivation to encourage their students for the future career whether it may be in the field of science, public service, teaching field, research etc. Here, almost every teacher creatively guides the students for preparing themselves for the competitive examinations with proper inspiration, motivation and providing moral support.

In the subjects like zoology and botany where concepts of taxonomy and classification are taught in the field itself, i.e. nearby Junagadh Agriculture Campus and the Sakkarbaug Zoological Park, to develop better understanding of the morphological characters of the plants and animals.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 64.53

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Response: 65.65

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
17	19	16	17	20

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document

2.4.3 Teaching experience per full time teacher in number of years

Response: 15.97

2.4.3.1 Total experience of full-time teachers

Response: 511

2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Response: 0

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Response: 0

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Response:

At Bahauddin Science College, continuous internal evaluation is a regular process as per CBCS norms suggested by UGC. Affiliating universities have adopted marking scheme as follows - out of 100 marks of each course, 30 marks are allotted through conducting internal examination and rest of 70 marks are of external examination in each semester. These internal examinations are conducted by internal examination committee. The schedule of the internal examination is prepared well in advance and communicated to students through notice boards and in class announcements. To bring seriousness of this internal examination, it is planned in line with the university examination, i.e., the examination is conducted for all the subjects in each semester on same day. Question papers (manuscripts) are collected from the faculties and printed centrally. Examination duties like classroom invigilation, senior supervisors etc. are allotted to faculties by written orders. Mark sheets are prepared before university examination. Semester wise common internal marksheet is prepared which is displayed on notice board and then uploaded to university website.

Moreover, results of internal examinations are analyzed and those students who have poor performance are guided by concern faculties to improve their performance.

2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Response:

The evaluation mechanism followed by the College to a large extent is in conformity with that of 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 has been integral part of the evaluation mechanism in CBCS. The college has a well established internal examination committee which looks after conduction of internal examination on timely manner as scheduled by university and prepare results of internal examinations. The time table for internal examinations is prepared by the committee, 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, home assignments, short quizzes, mini research projects with their maximum weightage out of 30 marks. This essentially enables the teacher to get a positive feedback on a student's overall understanding and enhances the teaching-learning process. The remaining 70% of the marks are awarded through the External Semester Examination conducted by the university.

Internal examination is conducted under CCTV surveillance with utmost confidentiality. Assessment of subject wise answer sheets are carried out by respective departments as per the marking scheme and answer key provided, this enables unbiased assessment. We have 5 marks for regular attendance in internal evaluation, which is strictly given by considering students overall attendance in the semester.

The marks of internal evaluation are put on the notice board and then entry of the same is made online onto the university portal.

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

Response:

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 in the college 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 any. 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 to with utmost alacrity and resolved in a short time. The grievance redressal mechanism pertaining to examinations is efficient as all complaints to be entertained without exception and to be resolved within a reasonable amount of time.

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Response:

The academic calendar of the college is prepared which gives general details about the conduct of academic activities, internal examinations and allied activities. The actual dates of examinations depend on individual departments and teachers. But, they adhere to the broad guidelines as contained in the academic calendar. The internal examinations are held according to a time table 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 time table is concerned. From this year State Government has also declared framework for such examinations to bring uniformity amongst all the colleges of state. Our college adheres the academic calendar in such a way that two internal examinations in a semester with regular interval to be taken. Here, while preparing the academic calendar it is considered that the syllabi should reach at certain point before the examination. This is to be considered because average of two internal examinations is kept as internal weightage. The departments conduct all their continuous internal evaluations within this broad framework.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered

by the Institution are stated and displayed on website and communicated to teachers and students

Response:

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, faculty available in the department and the achievements of its staff and students. This page also displays a complete list of the faculty with their detailed biodata. 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	Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Response:

The academic attainment of the students is evaluated by mean of internal and external examinations. As stated earlier. Seminars, quizzes, field trips, assignments, projects, viva-voce are a few aids to access student's academic understanding. Here in our college, we regularly conduct all this exercise during semesters in all the subjects. The purpose is to develop B.Sc. science student in such a way that they may form highly productive and constructive unit of society. This enables them to serve the society better. It is expected from science graduate to have scientific temperament which encompasses certain qualities like analytical thinking, problem solving, reasoning, creative thinking, critical analysis, researchive attitude and approach. This will go with the frame work of the law of the nature and established facts. The goal is to impart such distinctive qualities in a science graduate and that should be the outcome of the B.Sc. program

However, the major outcome of any graduate program is not only to enhance academic perspective of any students but also to inculcate human values into them. Along with the academic gain, students are supposed to actively participate into various co-curricular and extra-curricular activities in the college. Students are encouraged to select any of the NSS, NCC and Saptdhara (an initiative by Govt. of Gujarat) an programs run in the college which will inculcate discipline, dedication, empathy, honesty like human values. Under the NSS and NCC program, many social welfare activities are organized by the college and all of the cadets and volunteers actively participate into that.

Besides this, the college keeps in touch with students in formal way to track how many of the students who successfully complete the course seek employment or go in for 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.

2.6.3 Average pass percentage of Students	
Response: 79.63	
2.6.3.1 Total number of final year students who passed the examination conducted by Institution.	
Response: 305	
2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution	
Response: 383	
File Description	Document
Institutional data in prescribed format	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process
Response: 3.42

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)

Response: 18.6

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	6.14	5.78	6.68	0

File Description	Document
List of project and grant details	View Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document

3.1.2 Number of research projects per teacher funded, by government and non-government agencies, during the last five year

Response: 0.03

3.1.2.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 1

3.1.2.2 Number of full time teachers worked in the institution during the last 5 years

Response: 35

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Response:

- Our College intends to develop research culture among faculty as well as students for that purpose

teachers are encouraged to apply for research projects to different funding agencies like DST, UGC, GUJ-COST etc.

- Most of the faculties of our college are doctorate and all have research experience in diversified fields like industries, analytical laboratories, wildlife conservation, biodiversity assessment etc, so it helps the student to understand different research problems and make them aware about research scope for their higher education.
- Beside that our college has various sophisticated instruments like Fourier-transform infrared spectroscopy (FTIR), Gas chromatography (GC), Ultraviolet instrument, Bruker-field viscometer, Comparison microscope, Stereo microscope, Spectrophotometer, Tensile tester which help the students to develop basic operating knowledge of instruments and its applications in research. For the transfer of knowledge, college has MOU with RFSL, Directorate of Forensic Science Laboratory Government of Gujarat where number of sophisticated instruments and expert scientist are available for the student to comprehend their knowledge and experience. Here, we would like to mention that field expeditions are regularly conducted in the subjects of Botany and Zoology. As mentioned earlier in this SSR, we would like to put into the notice that the Girnar Sanctuary and Gir National Park, the last abode of Asiatic Lion, is in vicinity which provides good exposure to rich flora and fauna of the forest is the privilege. One of the oldest zoos of India, The Sakkar Bag Zoological Park is also located in Junagadh city which also serves a good learning resource to the students to learn behavioural aspects on animals in captivity.
- Gujarat is one of the most developed industrial states in the country especially in chemical industries. In this view, students of Chemistry of this college make visit to industries like pharmaceuticals, dyes, fertilizers, polymer, paints etc. We regularly arrange visits to the chemical industries for students, thereby chemistry students can learn Quality Control measures and latest technological advances in the field.
- Similarly, the students of all subjects are brought to visit of the institutes, national park, sanctuaries and places of academic interest and as a result, students are getting transfer of knowledge. We also arrange guidance seminar for UPSC / GPSC / JAM / NET / SLET examinations for further knowledge transfer.

File Description	Document
Any additional information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Response: 0

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
List of workshops/seminars during the last 5 years	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research Response: Yes

File Description	Document
Institutional data in prescribed format	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards Response: No
--

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years Response: 0.08
--

3.3.3.1 Number of research papers in the Journals notified on UGC website during the last five years				
2017-18	2016-17	2015-16	2014-15	2013-14
03	02	02	02	02

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

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years Response: 0.18

3.3.4.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years
--

2017-18	2016-17	2015-16	2014-15	2013-14
01	00	03	00	01

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Response:

A goal of higher education institute is to empower, mentor and support the students to understand their responsibility towards society and at large the nation. This has been achieved by engaging students in various co-curricular and extra-curricular activities throughout the year. Students are sensitized towards their role in society by participating in NSS and NCC.

- Our College promotes regular engagement of faculties, students and staff with neighborhood community for their holistic development and sustained community development through number of activities held every year.
- During the second week of Kartik month every year large amount (around 8-12 lakhs) of pilgrims and devotees visit Mount Girnar for Holy Parikrama which is a wildlife sanctuary too. While pilgrims visit the scenic environment of the mount they also litter the forest a lot specially with plastic waste. This has a very adverse impact on the ecology of this region. As being in vicinity of this place we as a college have taken pledge to save and conserve the forest by sensitizing and involving students specially NSS volunteers and NCC cadets. The students of our college visit the entire parikrama route and collect the garbage spread by the pilgrims in the forest area during and after the Parikrama. Thus, the college staff has taken initiative to make the students aware for their responsibility and contribute towards protection and conservation of the nature.
- Various awareness programs, workshops, rallies and road shows with themes like Cleanliness, Green Environment & Tree Plantation, Gender Sensitization, Traffic Rule Awareness, Demonetization and Digital Payment and Empowerment of Girls and Women are organized by NSS unit of our college.
- Along with this, under the regular activities of NSS volunteers also contribute to maintain cleanliness in and around the campus, create awareness about the role of clean environment for human health and thus contribute to the National Swachh Bharat Abhiyan.
- NSS unit has been regularly organizing Blood Donation Camps involving students and staff of this college.
- One's awareness towards his/her legal rights is need of the time. NSS unit has organized various lectures of the experts on the topic during NSS camps.

- The various programme and activities are organized related to gender equality, sustainable environment, human values, and ethics as a part of regular activities in college as well as during NSS camps. Thus, students are also made aware on their role in social responsibilities during NSS and NCC camps and programmes.
- College teachers engage the students in various activities through expert lectures on various topics like, women empowerment, Beti Bachao-Beti padhao, creative speaking, women leadership etc.
- An equality cell is also formulated under RUSA component-9.
- Students are encouraged to participate in nature education camps organized by State Forest Department, Junagadh.
- College celebrates various days like Wild life week, world environment day, World ozone day, World lion day etc.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Response: 1

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
00	0	0	00	01

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 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 last five years

Response: 26

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last

five years

2017-18	2016-17	2015-16	2014-15	2013-14
06	06	04	04	06

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Response: 72.22

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
813	725	990	985	1089

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Response: 27

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job

training, research, etc year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
6	5	4	08	4

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

Response: 10

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	2	2

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Response:

Ours is more than a hundred year old college with great tradition of generating quality students and having learned faculty right from the outset. Vazir Bahauddinbhai played a vital role in the establishment of this college. There was no such educational institute then in Bombay and Karachi at that time. Vazir of Sorath state Shri Bahauddinbhai was a great visionary who contributed to the construction of the building. The building is unique. The college officially started in 1901.

Till date, this institution has much expanded having intake around 1500 students. Our college had about 09 class rooms in old building until 2017. As per the requirement it got expanded, currently, there are 15 airy and spacious classrooms, 12 laboratories, a huge library, a separate administrative building, girls' room, staff rooms, a spacious assembly hall, a seminar hall with seating capacity of about 450 students, a Dell lab, an indoor games room and huge play ground etc. at our institution.

Boundaries of this College are spread across on a 6070 Sq. Mt. (1.5 Acre) of campus with built-up area of 4509 Sq. Mt.

There are several rooms for co-curricular activities and separate offices are allotted to NCC, Sports Room.

In the era of 21st century college is going hand in hand with the technological advancement as a result 2 smart boards with interactive displays are mounted and the facility is centrally accessed to the every department. The central assembly hall is also equipped with smart technology which can be used as conference hall when required. The departments are also provided laptops with Wi-Fi facilities to display e-content to the students. The college has adequate facility for accessing internet provided by the government under various schemes like NAMO Wi-Fi, NMEICT, Jio-Net and BSNL broad band.

Among the 15 classrooms, 13 classrooms are equipped with multimedia teaching aids which are routinely used for power point presentation/seminars and discussions.

Out of the 25 computers in the DELL language lab. At 'DELL' we impart training to students in English proficiency by running 'SCOPE' programme.

Online Public Access Catalogue (OPAC), Inter Library Management System (ILMS) Software for University Library (SOUL-2.0 VERSION), availability of good number of reference books and journals are the salient features of the library.

The institute has a huge play ground for games like Cricket, Handball, Softball, Kabaddi, etc. There are also necessary items for weight exercises, and for field and track events. It also has an indoor games room for games like table tennis, carom, chess etc.

The institute provides purified drinking water to students and staff members. There are Five RO plants

with the capacity of 150 Lt per hour connected with BLUE-STAR water coolers installed in the institution.

The institute also has a full time sweeper to take care of cleaning the campus. The waste disposal is done systematically by following government norms. Dustbins are kept at various places to manage the waste properly. Time and again the institute takes help of Municipality & other local authorities for waste management.

File Description	Document
Any additional information	View Document

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

Response:

Our institution aims at the overall development of a student and therefore provides all the facilities for sports, yoga and cultural activities to the students stated below.

Playground for Outdoor Games:

Our institution has a huge playground for outdoor games. The size of playground is approximate 830 sq. Mt. As the Bahauddin college was bifurcated in 1983 into Bahauddin Science College and Bahauddin Arts College, certain facilities like central hall of the old building and the main play ground are kept as common sharing bases. Thus the main play ground which is of the size of approximate 6000 Sq. Mts. is used for playing outdoor games by our college time and again. Many University level tournaments have been successfully organized on the play ground. Our students utilize this ground in a best way throughout the year for doing practice for different tournaments. As a result, many students of our college are selected at state level and university level tournaments. All the necessary instruments and equipments for sports are available in the sports department, which are made available to the students where and when needed.

Indoor Games Room:

We have special room kept for indoor games. Here students can play Table Tennis, Chess, Carrom, etc. in spare time. The size of the indoor games room is 600 Sq. Ft.

Yoga Room:

International Yoga day on 21st June is celebrated every year in our college. All the Yoga related programmes and activities under NSS programme are organized in common assembly hall.

Assembly Hall for Cultural Activities:

Our institution has a large air conditioned assembly hall of approximate 600 sq. ft. area having all the audio visual facilities for cultural activities. This assembly hall was established in June 2017. The total seating capacity of the assembly hall is approximate 450. This hall provides all the facilities like sound

system, multimedia projector, lights etc. Here, we can conveniently organize cultural competitions throughout the year. Every year our institute takes part in the Youth Festival organized by University. For the rehearsal and practice of different competitions of the Youth Festival, etc. the assembly hall is utilized by the students. The college having open air amphitheatre type ground in the central space for stage enactment.

File Description	Document
Any additional information	View Document

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

Response: 87.5

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 14

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 19.28

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
92	100	0	0	0

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

Our college has a library with rich collection of books on various subject of science, humanities and culture which totals around 18110 text books and 327 reference books. College's library is automated using Integrated Library Management System. The Bahauddin Science Library plays major role both in the provision of intimation for study and research and much more. Following detail gives a brief of library automation.

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

Nature of automation: **Fully**

Version: **2.0**

Year of Automation: **2013**

Collection

Reference Books: **327**

Text Books: **18110**

Rare Collection and Rare Journals Collection

Computerization of Library

OPAC

Bar Code System

File Description	Document
Any additional information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Response:

As the college is more than hundred and eighteen years old, our library has many books which are published around hundred years before which are rare in its own. There are around 500 books which are rare in multiple angles. The oldest book in library's collection was published in 1875, "Flora of British India" by Sir J. P. Hooker published by L. Reeve and Co., Kent, England – it is in six volumes. Another oldest book in our library is "An Elementary Treaties on Mechanics" by S. Parkinson, published in 1881 by MacMillan and Co., London. Third oldest book which was published in 1897 and it belongs to chemistry subject and the title of the book is "A series of Chemical Problems" by T. E. Thorpe published by McMillan and Co. A list of selected old/rare books is given here in link

File Description	Document
Any additional information	View Document

4.2.3 Does the institution have the following:

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: C. Any 2 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Response: 0.94

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
2.446	0.496	0.901	0.815	0.051

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document

4.2.5 Availability of remote access to e-resources of the library

Response: No

4.2.6 Percentage per day usage of library by teachers and students

Response: 3.8

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 46

File Description	Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The IT upgradation in the institution is continuously carried out with different government schemes. The class room teaching in this institute is transformed from black board teaching to smart board teaching for better understanding of students. All the classrooms are provided with LCD multimedia projector. Currently there are in total 90 computers in the institute out of which more than 45 computers have internet connections. All 45 computers have internet connections with updated anti-virus regularly. (Quick Heal Total Security).

The college is under CCTV camera surveillance with one month backup where 64 CCTV cameras kept outside and inside buildings some of which are with night vision and HD resolution to monitor the safety and security of the campus. It also facilitate the college for transparent and smooth conduction of internal and external examinations. These cameras are monitored through big size LED monitors at four different places. College has LAN and WAN facility and also having wired and wireless internet facilities.

As a part of “Digital India” Movement initiated by honorable Prime Minister our college has also enterprised a novel practices where Digital presence of all the staff members is taken with the help of

Biometrics.	
File Description	Document
Any additional information	View Document

4.3.2 Student - Computer ratio	
Response: 16.46	
4.3.3 Available bandwidth of internet connection in the Institution (Lease line)	
>=50 MBPS	
35-50 MBPS	
20-35 MBPS	
5-20 MBPS	
Response: 5-20 MBPS	
File Description	Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)	
Response: No	
File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years	
Response: 21.06	
4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)	

2017-18	2016-17	2015-16	2014-15	2013-14
100	100	4.7	0	0

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Any additional information	View Document

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.

Response:

Our institution's policy is to make all the physical and academic facilities always accessible to our students and also should be in well functioning mode. At the beginning of each academic year, the institute tries to implement this policy by providing all the requisite details to students through orientation programme on how to utilize our library, DELL Lab, play ground and assembly hall. Besides that, our institution keeps updating every year all the physical and academic facilities as and when needed. As this college is science college having variety of science subjects like chemistry, physics, botany, zoology, mathematics and forensic science. All these subjects having prescribed and well established laboratory procedures. All student related notices including results are regularly put on the website. Our management always remains willing to provide all the necessary financial aid in terms of grants to maintain all the facilities at our institution. As ours is the government college and all the physical entities are maintained through dead stock register which contains purchase, old items, new items, removed entries and newly added items. All the registers of all the years are well maintained with our office.

Physical facilities

The physical facilities including Classrooms are made available for the students those who are admitted in the college. Required numbers of benches are made available to the students. Non-salary grants are allocated for the maintenance of the classrooms which are part of the teaching and the learning processes. The classrooms, boards and furniture facilities are utilized regularly by the students.

The college has adequate number of the computers with internet connections. All the students have equal opportunity to use them as per the rules and the policies of the institution. The DELL laboratory is connected in LAN/Wi-Fi and it is open for the students as time permits them. The office computers, which are also connected through the LAN/Wi-Fi, make work easier and systematic. Their use is restricted to the appointed office staff. The admission process is online. The fee is collected online. The library is also provided LAN/Wi-Fi facility for the computers and they are loaded with the library software SOUL 2.0. All those computer related facilities are maintained properly by local service providers.

Academic and Support Facilities

The department of sports is meritorious and the credit definitely goes to the adequate infrastructure of this department. The department of sports consists of an Indoor Games Room, and a huge Play Ground, which can be used by students and staff.

For maintaining and utilizing physical, academic and support facilities, different committees are established in the college, which help in the overall development of the staff members and the students.

IQAC monitors and manages the activities of all these committees.

File Description	Document
Any additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Response: 43.72

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
495	491	469	701	627

File Description	Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Any additional information	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Response: 0.05

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	1	0	0

File Description	Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development

- 4. Remedial coaching
- 5. Language lab
- 6. Bridge courses
- 7. Yoga and meditation
- 8. Personal Counselling

A. 7 or more of the above

B. Any 6 of the above

C. Any 5 of the above

D. Any 4 of the above

Response: C. Any 5 of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Response: 25.68

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
201	245	443	421	317

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Response: 11.6

5.1.5.1 Number of students attending VET year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
120	209	207	65	150

File Description	Document
Details of the students benefitted by VET	View Document
Any additional information	View Document

5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

Response: Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 0.26

5.2.1.1 Number of outgoing students placed year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	3	3	0

File Description	Document
Self attested list of students placed	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Response: 72.32

5.2.2.1 Number of outgoing students progressing to higher education

Response: 277

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 5.21

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
34	12	9	20	10

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
305	292	405	366	323

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national

/ international level (award for a team event should be counted as one) during the last five years.

Response: 2

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

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	0	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Response:

To develop leadership skills among the students of Bahauddin Science College, students representation is sought in various committees e.g. UDISHA cell, hostel committee, Saptdhara and Campus Ambassador etc. Among the various representations the description of three is given below,

1. Hostel committee

Hostel facility is provided to the students commuting from the distant area of the region. For the proper functioning of hostel and related activities a hostel committee is also formed. Students are given equal participation in that committee with the guidance of senior teachers. As per the suggestions made by the hostel committee, decisions are taken to create a healthy and conducive environment for learning. To inculcate cultural and moral values in the students various social and religious functions are organised in the hostel campus. Navratri and 'Satyanarayana Katha'. Navratri function is celebrated with full enthusiasm. Students make all the arrangements to carryout navratri celebration. Along with navratri a Satyanarayana katha is also organised, in which students as well as staff members equally participate.

2. UDISHA CELL

In this age of cutthroat competition and aspiration to get good job, it is very necessary to increase the skills of students. There is an UDISHA cell to impart guidance and motivation to the students for employment. As per the rules and regulations of Government of Gujarat the cell is formulated in which students are also given responsibility to carry out various programmes regarding job placement under this cell. For the better

future of the students various activities are organised time to time. Under this cell number of programmes are organised like development of interview skill, CV writing, personality development, preparation for competitive exams etc. to guide and encourage the students.

3. CAMPUS AMBASSADOR: Every year 2 volunteers of NSS are selected as Campus Ambassador for Voter Awareness Program by the District Collector. The campus ambassadors be in touch with all the students on the campus and guide them in getting their name enrolled in electoral list.

File Description	Document
Any additional information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Response: 0.4

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	0	0

File Description	Document
Number of sports and cultural activities / competitions organised per year	View Document
Any additional information	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Response:

Bahauddin Science College is 118 year old college with tradition of generating quality students. Our students are working in almost all the areas of society e.g. teaching, industries, army, politics, police, administrative service, business etc.

According to the Google statistic our website is sited from various countries covering 6 continents it indicates presence of our alumni on all around the globe. Moreover we receive feedback of our students in

which they show their gratitude towards mother institute.

We are using our website for collecting database of our past students. More than one thousands students have registered themselves on our website in alumni section. Our alumni take active interest in the overall development of the institute. Many former students visit the college regularly and offer their services to the college.

Number of industrialist are alumni of this college and running a very reputed industries in Saurashtra, Gujarat and country wide. Some of the examples are Raju Engineering, Shapar near Rajkot; Adnova Healthcare, Baroda have earned name and fame to the college. We are glad to share that they are always eager to render their services for the upliftment of students of Bahauddin Science College. Whenever, our students especially of chemistry go for industrial visit, we have a privilege in most of the industries to have our students either as proprietor or managers at higher levels. Recently one of our alumni cum industrialist Shree Gopalbhai Vaghasiya has invited the students of T.Y.B.Sc (Chemistry) on his pharmaceutical plant at Baroda. The exposure was given to the students to see the entire plant so that they can know working mechanism of pharmaceutical plant. This is really vital because such an exposure is not possible in normal case.

It is also matter of proud for us that more than half of teaching staff in our college are also our alumni hence they have deep affection for their mother institute. They take active interest in the maintenance and development of academic environment in the college.

File Description	Document
Any additional information	View Document

5.4.2 Alumni contribution during the last five years(INR in Lakhs)

? 5 Lakhs

4 Lakhs - 5 Lakhs

3 Lakhs - 4 Lakhs

1 Lakh - 3 Lakhs

Response: <1 Lakh

File Description	Document
Alumni association audited statements	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Response: 0

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

Vision:

To provide infrastructural facilities and to create conducive educational environment to pursue higher education in science stream for the students of this remote and developing area of the state with an aim to bring them in the mainstream, development of science, technology, research and value oriented society.

Mission:

Keeping in mind the vision and the purpose and thereby provide higher education in science to the students of this area and with these aids bring them into the main stream of the development and thereby develop the society for futuristic overall development process. Also provide higher education which comprehensively includes the traditional and value base system associated with higher education. By this mission provide thrust in the development of the nation and maintain the texture of age old values of our culture and tradition.

Reflection of Mission and Vision in the leadership of institute:

The mission statement of the institute defines the institute's distinctive characteristics in terms of addressing the needs of the society, students, institute's value orientation, and vision for the future. The Vision and Mission of the institute are in tune with the objectives of higher education. The formal and informal arrangements in the institute to co-ordinate the academic and administrative planning and implementation reflects the institution's efforts in achieving its vision. Thus, the college endeavors to impart quality education in pure science to the students of this area, which is predominantly rural. The very objective is to prepare a science student of the distinctive quality who can be self sufficient in making own career and become part of the development system of the nation. Implicitly this has been carried out by product i.e. by a quality student who gets proper place in ones career and the society.

The policy statements and action plans:

This is a government college run by Commissionerate of Higher Education under the aegis of Education Department, Government of Gujarat. The policies formed by the Education Department of the Govt. of Gujarat are executed to local levels. The principal ensures the effective administration and implementation of the activities along with its academic and non-academic staff of the college. The Principal makes action plans in consultation with faculty members to assess the outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans, if required. The government takes review of quality policies and makes amendments in quality policies, if required. The Principal ensures that all stakeholders are involved in different activities. The requirements of the society for policy making and planning are collected by the Principal through interaction with various stakeholders.

For the reinforcement of cultural excellence the vision, mission, short and long term goals, quality policies are kept wide open to all stakeholders for their suggestions, necessary training is provided to its faculties and supporting staff for their development and motivates the team building and team work to create healthy work culture.

File Description	Document
Link for Additional Information	View Document

6.1.2 The institution practices decentralization and participative management

Response:

The case study of decentralization:

The role of the principal in a government college becomes vital as a leader, principal has to make it sure to all the principles and policies laid down by the central and state governments, norms formed by affiliating university should be implemented and followed. Along with this, principal has to make active liaison with the different funding agencies like UGC and RUSA for the optimum development of the institute and fetch the grants for the appropriate infrastructure and human resource development. The role of the principal also lies as leader to administrate teaching and non teaching staff for the ultimate benefit of the end users, the students.

Decentralization:

Institute has a mechanism for delegating authority and providing operational autonomy to all the various functionaries to work towards decentralized governance system. Different committees are formed and they work along with the principal with this aim. There are different layers of decentralization as follows.

The Governing Body delegates all the academic and operational decisions based on policy to the principal in order to fulfill the vision and mission of the institute. Principal along with different head of departments formulates common working procedures and entrusts the implementation with the faculty members.

Here, we would like to mention in our case study that there are two types of decentralization; one is department level and another at committee level decentralization.

DEPARTMENTAL LEVEL:

College keeps all the departments as one unit in which Physics, Chemistry, Biology, Mathematics, Forensic Science and English are included. Here, each department has one head of the department where the role of HODs is to manage, monitor and mentor whole department including teaching, non-teaching staff and students.

COMMITTEE LEVEL:

Here, decentralization and distribution of responsibilities and work is done. However, principal by the

virtue of the post is an integral part of every committee. Faculty members are given representation in various committees/cells and allowed to conduct various programs to showcase their abilities. They are encouraged to develop leadership skills by being in charge of various academic, co-curricular and extracurricular activities. For effective implementation and improvement of the institute following committees are formed. Other units of the institute like sports, library, store etc. have operational autonomy under the guidance of the various committees/cells.

File Description	Document
Any additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Response:

In the beginning of the year the institute prepare strategic plan for various activities in form of annual academic calendar as well as for co-curricular activities. As per the guidelines provided by the education department and affiliating university, college formulates its academic plan before the starting of the academic year. We strictly follow the planning and accordingly admissions, teaching (theoretical and practical), examinations and results processes are done. For that purpose discussion of topics of the syllabus, distribution of topics of the syllabus to respective teachers is done well in advance.

◦ Co-Curricular Activities:

Under the purview of '*Spatdhara*' college organizes co- curricular activities under different dharas which follows

- Gyan Dhara (Knowledge Band): Elocution Competition, Essay Competition, General Knowledge Test etc.
- Sarjanatmak Abhivvyakti Dhara (Creative Expression Band): Clay work, Rangoli, Sketch etc.
- Rang, Kala, Kaushalya Dhara (Fine Arts Band): Painting, Mehndi etc.
- Natya Dhara (Theatre Band): Drama, Skit, One act Play
- Geet, Sangeet, Nrutya Dhara (Music and Dance Band): Musical Instrument playing, Singing, Dancing etc.
- Yayam, Yog, Khelkud Dhara (Yoga and Sports Band): Yog, Sports etc.
- Samudaya Seva Dhara (Community/Social Service Band): Social Awareness Programme, Cleanliness Campaign, Tree Plantation etc,

◦ Sports and Games activities:

College students participate into various games under the sports as scheduled by Sports Week (university), Khel Mahakumbh (Government of Gujarat), intercollegiate tournaments and university levels. "Bhatt Cup Cricket Tournament" is also an initiative taken by the college to encourage the students for active participation in sports.

◦ **N.S.S. and N.C.C. activities:**

Every year special N.S.S. camp is organized in the ending calendar months (i.e. November –December). Moreover, at college campus level various programs like Tobacco Control Initiative, Cleanliness Campaign, Yoga Day Celebration, Plantation, Vanche Gujarat, Blood Donation Camp, Sarvarog Nidan Camp, Aids Awareness, Digital Awareness, Beti Bachao Abhiyan, Girnar Safai, GPSC, UPSC Guidance Seminar, Swacchata Abhiyan, Essay Competition, Writing Competition, Elocution Competition, Self Education, General Knowledge Competition, Gandhiji & Aajano Divas, Patriotic Song Competition, Sardar Patel Janmjayanti Run For Unity, Cricket Tournament, Gujarati Ekaki Spardha, Aids Awareness, Student Camp, Mahatma Gandhi Chitra Spardha, Matdan Jagruti Abhiyan, Gurupurnima Celebration, Swacchata Abhiyan, Essay Competition, Elocution Competition, Nari Sashaktikaran, Cricket Tournament, General Knowledge Competition, Swami Vivekanand Janmajayanti, Girnar Arohan Avrohan Spardha, Cricket Tournament, Vidhyarthi Sibisr, Alidhramam, Swacchata Abhiyan, Gpsc,Upssc, Jam,Net Margdarshan Seminar, Gyaan Saptah, Swacch Abhiyan, General Knowledge Competition, Garaba Mahotsav, Yoga Day, Run For Unity, Cashless, Mobile Banking, Digital Transaction, Gurupurnima celebration.

All activities mentioned above are well documented every year.

◦ **Career Counseling and Interview:**

- The students' hidden talents are brought out and brushed up with the following activities:
 - Finishing School (Communication skills, soft skills, personality developments) a major initiative taken by Government of Gujarat to develop soft skills and interview skills amongst the students under Skill India.
 - Career Counseling and Development Cell (Interview and Placement Guidance)
 - UDISHA (Expert lectures on Competitive exams)

◦ **Faculty Development:**

Encourage faculties to take up long & short term courses, conference, workshop, refresher courses, and orientation programmer for outstanding performance of faculties.

File Description	Document
Any additional information	View Document
Strategic Plan and deployment documents on the website	View Document
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Response:

Recruitment Policies:

- This is a Government Institution, the recruitment of the teaching faculties is done by the Commissioner Of Higher Education, Government of Gujarat, scrutinized by G.P.S.C (Gujarat Public Service Commission).
- Teaching Faculties are also recruited on contractual basis by the state government.
- Visiting faculties are appointed by institute.
- Administrative staff is also recruited by state government after conducting examination and interview designed by the government.

Promotion Procedures:

- The promotion of the faculties is directed by Government norms. Promotion is on the basis of Academic Performance Index (API) under Career Advancement Scheme of UGC. API is verified by IQAC at institution level and then by the office of the commissioner of higher education. The institute abides by the Government rules and regulations for the scale up gradation, increment and promotion.

Grievance redressal mechanism:

- We have a very realistic and convenient grievance redressal mechanism. All the Departmental Heads are entitled to resolve the problems at the ground level.
- We have set up different Grievance cells to sort out particular problems.
 - Students Grievance Redressal cell
 - Anti-Ragging Committee
 - Discipline committee
 - Examination Committee

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation

- 1.Planning and Development
- 2.Administration
- 3.Finance and Accounts
- 4.Student Admission and Support
- 5.Examination

A. All 5 of the above

B. Any 4 of the above

C. Any 3 of the above

D. Any 2 of the above

Response: A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Response:

Various committees have been formed for the effective conduction of academic activities. Meetings are held by the committees periodically and the minutes of meetings are recorded. The committees such as UGC purchase committee, library advisory committee, time table committee, examination committee, anti-ragging committee etc. are functioning. As per the library committee recommendations, books are bought for the students and given to the students for every semester. Some of the important resolutions identified and implemented through various Cells/Bodies and Committees regularly.

All the committees execute their work according to the stipulated plan and agenda. For example, admission committee which actually becomes functional prior to the commencement of the academic year is described here as a case study.

After the declaration of 12th science result the admission committee of the institute comes in action. First of all notice of the admission procedure is displayed on the notice board and online forms are filled up by students. After verification of filled form by admission committee members, online merit is generated. During this whole process regular meeting is conducted and minutes are recorded.

File Description	Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

This being a government institution, its employees are benefited with all the government welfare schemes like General Provident Fund, Group Insurance, medical allowances, LTC and hometown, pension and family pension. Government consistently makes its efforts to take some welfare measures for the staff members. Under career advancement scheme ample opportunities are given to the teaching faculties for upliftment and up gradation.

1.Group Insurance for staff members

All the teaching and non-teaching staff members have the group insurance provision as per the government norms and the institute regularly pays the premium on their behalf to the Govt. of Gujarat, Commissioner of Higher Education.

1.Provision of Staff Quarter

The institute provides accommodation facilities for all teaching and non-teaching staff in the nearby surroundings of the institution at very nominal and low rates.

1.Duty Leave for attending Seminars, Conferences, Workshops

For encouraging the faculty towards research and development, the institute permits the employees to attend orientation program, refresher courses, Short Term Courses, study leave, national and international conferences, seminar, and workshops by sanctioning them duty leave under Faculty Development Program.

1.Well maintained personal office furniture

The institute regularly upgrades the office furniture as per the changing needs. The faculty staff room is totally renovated recently as per the needs of the hour.

1.Pure Drinking R.O. Water

R.O. plants are installed at all the coolers available in the college for providing pure and safe drinking water to the staff and students. There are seven ROs in the institution.

1. Maternal and Paternal Leaves

All the teaching and non-teaching staff is granted maternal (180 days) and paternal leave (15 days) during the service as per government norms. 300 medical leaves are given to the faculties during service span.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend

conferences/workshops and towards membership fee of professional bodies during the last five years**Response: 0**

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

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**Response: 0.2**

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	0	0	0	0

File Description	Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document
Any additional information	View Document

6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years**Response: 14.75**

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	7	8	2	2

File Description	Document
Details of teachers attending professional development programs during the last five years	View Document
Any additional information	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Response:

Annual Performance appraisal system helps to evaluate employee job performance and development and also for pay increases and promotion. The teachers fulfill the Academic Performance Indicators under Career Advancement Scheme adopted by the Commissionerate of Higher Education, Govt. of Gujarat as per UGC regulations.

Academic Performance Indicators (API) incorporate goals help to improve the employer as well as the employee through feedback and training. API is useful to measures strengths and weaknesses of employee.

The Career Advancement Scheme will be allowed after analyzing merits and credentials of the teacher based on weightage given to the performance of the candidate in different relevant dimensions and his/her performance on a scoring system proforma based on Academic Performance Indicators (API) and Performance Based Appraisal System (PBAS) methodology. Expert assessment system shall be through IQAC at institute level and by Commissionerate of Higher Education.

Candidates who do not fulfill the minimum score requirement under the API scoring system/selection process proposed in this scheme or also obtain less than prescribed score for all categories in the assessment process will have to be re-assessed only after a minimum period of one year. The date of promotion shall be the date on which he/she has successfully got re-assessed.

As per government norms, 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 will also be written by principal and then it will be reported to the Commissionerate of Higher Education for review, where he may ask explanation in case of adverse remarks, if any, by principal. If he is not satisfied anti-disciplinary action may be taken as a punishment. In case of principal, Commissionerate of Higher Education will be reporting officer and Secretary Education is reviewing officer.

After selection and appointment every employee has to successfully complete probation of stipulated period before being regular on service for long term. If any employee is found less efficient in own performance, then he will be communicated about the outcome and given opportunity to explain his side.

Still the authority remains unsatisfied then steps like stoppage of one or more increment, transfer or compulsory retirement or suspension till removal from services can be taken.

The administrative staff is given promotion and other benefit based on length of service as per the norms of government. Where as the non-teaching staff receive pay up gradation as per the rules defined by government.

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

This is a government college, government grants are major source of funding. In addition government is funding for capital expenses like salaries and allowances, maintenance and procurement of new equipments, for constructing new building and for refurbishment of building and contingent expenses. The audited income and expenditure statement for all the previous years are available with accounts section of the college. Excess fund required for the development is contributed by the government. Thus audit plays an important role in controlling the financial activities.

Since we are the government college, entire grants of salary and other expenditures are given by government. These expenses are subject to audit from the Education Department, local audit department (state government) and Accountant General Office (central government).

The external auditors verify and certify the entire Income and Expenditure and the Capital Expenditure of the institute each year. The internal audits are done by office team. They 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 Account General (AG) Government of Gujarat Audit Department. So far there have been no major findings /objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected /rectified and precautionary steps are taken to avoid recurrence of such errors in future.

The audits of grant under UDISHA, SAPTDHARA, Finishing School and UGC are done by local authorized Chartered Accountant.

All the funds transformation is fully digitalized through Integrated Financial Management System (IFMS) and Public Financial Management System (PFMS). All the procurement is done either by DGS&D, GeM, public tendering or e-tendering.

The income tax of each employee is correctly filled every financial year without fail. Quarterly e-returns are filed regularly by the institute. The accounts department ensures that every detail is recorded, and

transparency is maintained with utmost diligence.

File Description	Document
Any additional information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs)

Response: 0

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year-wise during the last five years (INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document

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

Response:

India is a developing country. And the money utilized by the government institute is public money. Hence, optimal utilization is of utmost importance. For that all care should be taken by the government institution to prepare the strategies for fund mobilization. The availability of fund is essential for any organization, society, family or co-operatives but the mobility of fund is even more important. If the mobility is in the right direction, coordinated then the level of progress in high otherwise it becomes ineffective even though the fund is available. All the funds given by the funding agencies like state government, central government, UGC, RUSA, are always on the base of scheme and demands. The institution has a well designed strategy for demanding and acquiring different funds so that it can be mobilized optimally. A full fledged committee comprised of principal and head of departments and senior faculty members of every subject decide the need, requirements, utility and after careful consideration prepares proposal for the demands. After receiving suitable grant, funds are mobilized to utilize it or either procurement of require amenities, goods, equipments, materials, services etc. Looking to the demand and justification of that, different funding agencies have provided us very lucrative amount for the development of the institution. And all the purchases have been made through perfect procedures laid down by government.

The college sends proposals for additional grants to the University Grants Commission (UGC) and DST in order to meet expenses for construction, repair and renovation of the college building and premises. Other

than the routine Government and UGC grants, the institution has been able to secure additional funding from various agencies such as DST, RUSA Grant, MP-LAD fund.

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

Response:

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes in the College. There are two examples of best practices institutionalized as a result of IQAC initiatives.

1. Optimum Use of Renewable Energy Source

The action plan is prepared by the IQAC in the year 2016-17 to reduce energy consumption, accordingly the electricity bill. As part of this new idea the IQAC has recommended setting up solar panel at the rooftop of the building. The energy consumption of the institute per month is approx 1700 KWh. The College has set up a solar rooftop plant with 12KW capacity at the cost of approx Rs. 35 lakh. This has been financed by the RUSA and the college gets subsidy from the Gujarat Energy Development Agency (GEDA) for the same. In addition to this, the college has also adopted other energy saving methods by replacing ordinary bulbs with LED and CFL lamps. This has resulted in a further energy efficiency of at least 60%.

2. Promotion of Research and Publication

The IQAC has taken initiative for doing research and publications. As a result, three faculties have completed the Ph. D. and one of the faculties at the completion of Ph.D. degree. Faculties from different department have published about 28 research papers in reputed national and international journal also. More than 47 books are published on different area of science. As a result of these promotional activities one major research project in the department of biology is successfully completed. Moreover, in the department of chemistry one minor research project is also sanctioned. Moreover, for easy access of journals and e-books infli-b-net and free *Wi-Fi* facility is made available for each faculty with password protection.

File Description	Document
Any additional information	View Document

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

Response:

It is a Government college and IQAC has been formed as per the prescribed norms of UGC with the focus on academic excellence of the institute. It includes Principal, Head of Departments and senior professors. At the commencement of the academic year principal organizes meetings with the department heads to review the progress and outcome of the results to form policies for the new academic year. After considering the progress and required changes new academic calendar is formed as per the guidelines of university. Head of Departments regularly conduct meetings for the distribution of syllabus and implementation of departmental activities.

The IQAC has been monitoring the quality of teaching learning process, structures and methodologies of operations and learning outcomes at periodic intervals to discuss the learning outcomes in agenda in each semester. The IQAC takes care to maintain the quality in the process of teaching learning and evaluation. The following methods are considered for formulating the policies on Teaching-Learning Process by assessing intra semester and end semester exam results of all the subjects in every semester. Semester end exam result is analyzed and appropriate suggestions are given to the faculties by the HOD concerned and the principal to see that they rectify the short comings.

Regular industrial visits, educational tours, field trips and zoo and sanctuary visits are organized by the concerned departments to get the practical exposure about the functioning of the organization.

Thus, teaching learning process, structure to carry out various programmes and methodology is designed in keeping mind the vision mission of the institute.

File Description	Document
Any additional information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Response: 1

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1	1	1	1	1

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document

6.5.4 Quality assurance initiatives of the institution include:

1.Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual

Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements

2.Academic Administrative Audit (AAA) and initiation of follow up action

3.Participation in NIRF

4.ISO Certification

5.NBA or any other quality audit

A. Any 4 of the above

B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

Response: B. Any 3 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document
Details of Quality assurance initiatives of the institution	View Document

6.5.5 Incremental improvements made during the preceding five years (*in case of first cycle*) Post accreditation quality initiatives (*second and subsequent cycles*)

Response:

All the recommendations have been implemented by the college in the stipulated time proposed by the NAAC peer team (exit report) during the last cycle.

- Recruitment of the regular principal and staff:

As it is a Government institute, all the recruitment process is carried out by Commissioner of Higher Education, Government of Gujarat either by direct selection through GPSC or by transfer. We are fortunate to have regular principal and most of the academic and non-academic staff has been recently recruited including librarian and physical training instructor. However, the physical instructor has been transferred recently due to the normal transfer procedure.

- For maintenance and renovation of the building of the institute:

Building of the institute is heritage building and after the recruitment of permanent principal the renovation of the building is done with heritage plaster. One new building has also been established for enrichment of the facility.

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Response: 6

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
01	01	02	01	01

File Description	Document
List of gender equity promotion programs organized by the institution	View Document
Any additional information	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

Response:

Women Empowerment Cell of our college is well established and actively functioning to empower our women students and staff to make them comprehend and respond suitably to the issues pertaining to women students. They can discuss their issues and concerns to the staff, the cell generate awareness of rights and responsibilities. The cell functions carefully to enhance their position and thereby empowers them intellectually and various awareness programmes are arranged under the patronage of this cell to empower women students.

Gujarat is a leading state and the development model of Gujarat is widely accepted throughout the nation and our Honorable Prime Minister also insists to follow this model. Liberization and development for the women and girls is also remarkably very high compared to other parts of the country, but unfortunately due to food habits and being strict vegetarian the haemoglobin count of the female child is moderately low. To cope up the situation the food habit should be changed and a green leafy vegetable, mild products, dry-fruits like date, jaggery should be included in to routine food habit. And as a part of this campaign girl students were explained for their good food habits, and symbol of it the jaggery packet was distributed to all the girl students of this college.

The girl children were especially encouraged by number of lecture series by eminent speakers from the variety of experts which encompasses from the forest officer to professor of literature. Girl children were also been encouraged for self defense, for various competitive exams, as well as for fashion designing, nutritional food preparation with special reference Indian Culture and Heritage.

For preparing more gender friendly campus the areas were identified and the girls-room, ladies-common-room is taken up for more isolated, cosmetic as well as hygiene partitions. Thereby, it is so designed that the enclosure-type small separate cabin which provide ample privacy to the lady members for their day-to-day need as well as for hygiene requirement. It is also decided to place **sanitary napkins dispenser machine** for the girl child as this college contents more than a half around 700 girl students. A team for this work been prepared from senior students and ladies staff members.

The students and staff members of both the genders are treated equally in all aspects. The staff members and students are treated equally in religious aspects. NSS camps are organized for the students every year. In which, social issues and plantation of trees are given importance during the camps. Motivational lectures and Yoga training are also arranged during the Camp. Blood donation camp is organized by NSS frequently. The students irrespective of gender come forward and donate blood for the benefit of the society. Regular medical checkup for the staff members conducted by college every year for the benefit of staff members.

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Response: 100

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 33500

7.1.3.2 Total annual power requirement (in KWH)

Response: 33500

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Any additional information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 55.42

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 3.58	
7.1.4.2 Annual lighting power requirement (in KWH)	
Response: 6.46	
File Description	Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- Solid waste management
- Liquid waste management
- E-waste management

Response:

Solid waste management:

Around 1200 students studying in this college. Moreover, this being science college laboratory waste is also generated. College has very huge campus with six buildings namely main college building, Sankul – 2 (New building), Sports room, Library, research and soil laboratory and administrative block. All the six building are cleaned regularly with the help of sweepers and occasionally (at least two times in a year) also made clean involving students. The solid waste of dusting, debrages of ground, and dried leaves of trees are essentially cleaned and kept separately. Special dustbins are purchased under RUSA grants and kept across the buildings.

Laboratory waste like broken glassware and biological waste is disposed properly. Waste management is very important and necessary and is being conducted by the Junagadh Municipal Corporation (JMC). The solid waste generated in the college campus is managed with the help of JMC, who pick up the solid waste generated from time to time.

Liquid waste management: The liquid waste generated in the chemistry laboratory is disposed off through proper channel.

E-waste management: E-waste corner has been set up inside the college where the college e- waste is collected from time to time. Awareness is generated among the students, teachers and the non-teaching staff to dump their personal e-waste into the bin.

File Description	Document
Any additional information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Response:**Water harvesting and storage**

Water harvesting is very useful tool for preserving the rain water as it is of prime importance for preparation of chemicals and laboratory solution in the science colleges which is the best option for distilled (Salt free) water. Bahauddin Science College has two big tanks for harvesting rain water and big terrace area which is utilized to collect rain water in the tanks, kept at ground level. This collected rain-water is then used throughout the year in all the Departmental laboratories. Thus, the revenue is also saved every year.

File Description	Document
Any additional information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - a) **Bicycles**
 - b) **Public Transport**
 - c) **Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Response:***Green Practices***

- **Students, staff using**
 - a) **Bicycles:** College provides a separate corner for parking area for the bicycles used by some of the staff members as well as students.
 - b) **Public Transport:** Most of the students and staff members use public transport for commuting through and fro the college. Our college is located at the centre of the city and having huge space of parking area. Personal cars and two-wheelers are provided with parking space in the parking area in the college.
 - c) **Pedestrian Friendly Roads:** The college is surrounded by wide pedestrian pavements all around. Inside the college, wide and user friendly walking track and ramp is also available.
- **Plastic-free campus:** College is declared itself as Plastic Free Zone. Students as well as staff members are made aware through activities conducted by NSS unit.
- **Paperless office:** College had facilitated its departments and administrative office with computers

and internet as well. Most of the working data are kept in softcopy.

- **Green landscaping with trees and plants:** The College has successfully retained a area of green amidst without concrete. The college has a fertile green ground and separate natural garden which has tall trees and fruit bearing plants as well as medicinal plants. The winter season is cherished by growing vibrant seasonal flowers and the premise becomes a buffet for eyes.

File Description	Document
Any additional information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Response: 0.05

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

2017-18	2016-17	2015-16	2014-15	2013-14
0	0	0.24205	0	0

File Description	Document
Details of expenditure on green initiatives and waste management during the last five years	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

- 1.Physical facilities
- 2.Provision for lift
- 3.Ramp / Rails
- 4.Braille Software/facilities
- 5.Rest Rooms
- 6.Scribes for examination
- 7.Special skill development for differently abled students
- 8.Any other similar facility (Specify)

A. 7 and more of the above

B. At least 6 of the above

C. At least 4 of the above

D. At least 2 of the above**Response:** D. At least 2 of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document
Any additional information	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**Response:** 5

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
01	01	01	01	01

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**Response:** 2

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
01	00	00	00	01

7.1.12**Code of conduct handbook exists for students, teachers, governing body, administration including**

Vice Chancellor / Director / Principal /Officials and support staff

Response: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Response: Yes

File Description	Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Response: Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document
Any additional information	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Response: No

7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Response: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Response: 57

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	11	11	11

File Description	Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Response:

In our college, we celebrated all the following national festivals as well as birth and death anniversaries of great Indian personalities. Details are listed below in tabular form.

2013-14	GURUPURNIMA	GURUPURNIMA
	Swami Vivekanand Jayanti	12.01.2014
	Republic Day	26.01.2014
	Independence Day	15.08.2013
	Teacher's Day	05.09.2013
	Sardar Patel Jayanti	31.10.2013
	Gandhi Jayanti	02.10.2013
	Yoga Day	21.06.2013
2014-15	GURUPURNIMA	GURUPURNIMA
	Swami Vivekanand Jayanti	12.01.2015
	Republic Day	26.01.2015
	Independence Day	15.08.2014
	Teacher's Day	05.09.2014
	Sardar Patel Jayanti	31.10.2014
	Voter's Day	25.01.2015
	Yoga Day	21.06.2014
	Gandhi Jayanti	02.10.2014

	World Aids Day	01.12.2014
2015-16	GURUPURNIMA	GURUPURNIMA
	Swami Vivekanand Jayanti	12.01.2016
	Republic Day	26.01.2016
	Independence Day	15.08.2015
	Teacher's Day	05.09.2015
	Sardar Patel Jayanti	31.10.2015
	Voter's Day	25.01.2016
	Yoga Day	21.06.2015
	Gandhi Jayanti	02.10.2015
	World Aids Day	01.12.2015
2016-17	GURUPURNIMA	GURUPURNIMA
	Swami Vivekanand Jayanti	12.01.2017
	Republic Day	26.01.2017
	Independence Day	15.08.2016
	Lion Day	10.08.2016
	Teacher's Day	05.09.2016
	Sardar Patel Jayanti	31.10.2016
	Gandhi Jayanti	02.10.2016
	Voter's Day	25.01.2017
	Yoga Day	21.06.2016
2017-18	GURUPURNIMA	GURUPURNIMA
	Swami Vivekanand Jayanti	12.01.2018
	Republic Day	26.01.2018
	Independence Day	15.08.2017
	Lion Day	10.08.2017
	Teacher's Day	05.09.2017
	Sardar Patel Jayanti	31.10.2017
	Gandhi Jayanti	02.10.2017
	Voter's Day	25.01.2018
	Yoga Day	21.06.2017

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Response:

All the financial, academic, administrative and auxiliary processes in the college are undertaken in a manner that permits accurate scrutiny from any branch of the society. Financial undertakings are done via e-tendering which allows for completely open transactions as per the Government norms. Admission is done by online process purely on the basis of merit in accordance to the government reservation policies. Results of examinations are regularly displayed on the college notice board. Recruitment of full time teachers fall under the purview Gujarat Government and done by public service commission namely GPSC. Important notices regarding college are regularly displayed in the college notice-board as well as on college website to ensure complete transparency in all its functioning.

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Response:

Best Practice-1

Title of the Practice: Equity Drive

Objectives:

This is a college situated in the corner of Gujarat State, hence, it is geographically disadvantaged area. Further, UGC has identified some districts which are educationally backward and Junagadh falls within. Here it is noteworthy to write that college students come from the heterogeneous groups where equity initiation is highly essential. First and foremost thing is that most of the students come under the categories OBC, ST, SC and coming from rural background. Secondly, half of the students are girls. Keeping such a scenario in mind, college has designed special equity initiatives and we consider this as our one of the best practices we offer.

The students who come from such background are actually identified and encouraged to come into the main stream by providing them essential knowledge base as well as motivation. For that we design our activities and time table in such a way that first of all students get confidence level so that by pursuing all the activities of different dharas like *Gyan Dhara*, *Sarjnatmak Abhivyakti Dhara*, *Natya Dhara*, *Rang Kala Kaushal Dhara*, *Khelkud Yog ane Vyayam Dhara*, *Geet Sangeet Nrutya Dhara*, *Samuday Seva Dhara* of SAPTDHARA program. Students have to select at least one dhara so that potential and essential quality of the student can be emerged out. N.S.S. and N.C.C. program are also run in this college thereby discipline, patriotism and social responsibility are cultivated among the cadets. These co-curricular and extra curricular activities along with knowledge of science help the students to reinforce their confidence to come into the main stream of the society.

The drive is specially designed for better participation rate of SC, ST, OBCs against percentage of reservation in institution and for Equity and Gender sensitization and Mentoring of girl child, following committee comprising of OBC and SC/ST lady staff members was established, which is now working as equal opportunity cell.

The Context:

The cell will now take care of

- Purchase of necessary materials for enhancing learning processes like study material for competitive examinations
- Equity and Gender sensitization campaigns
- Mentoring of Girl child
- Nurturing of Gender-friendly campus which ensures safety, security and hygiene of girl students
- Establishment of special book bank in library for women

The Practice:

1. **Equity and Gender sensitization campaigns:** Last whole year the campaign for empowerment of women was carried out as a campaign for gender sensitization and equity initiative also encouraged by Government of Gujarat. For this specific programme a fortnight extensive day to day campaign under the title of “Woman empowerment” was carried out. Everyday there was a different programme for this theme from Dt.01/08/2016 to Dt.14/08/2016 under the title of “Woman Empowerment”.
2. **Mentoring of Girl child:** Gujarat is a leading state and the development model of Gujarat is widely accepted throughout the Gujarat and our Honorable Prime Minister also insists to follow this model. Liberization and development for the women and girls is also remarkably very high compared to other parts of the country, but unfortunately due to food habits and being strict vegetarian the hemoglobin count of the female child is moderately low. To cope up the situation the food habit should be changed and a green leafy vegetable, milk products, jaggery should be included in to routine food habit. And as a part of this campaign girl students were explained for their good food habits, and symbol of it the jaggery packet was distributed to all the girl students of this college.

The girl children were especially encouraged by number of lecture series by eminent speakers from the variety of experts which encompasses from the forest officer to professor of literature. Girl children were also been encouraged for self defense, for various competitive exams, as well as for fashion designing, nutritional food preparation with special reference Indian Culture and Heritage.

1. **Creation of Gender-friendly campuses:** For preparing more gender friendly campus the areas were identified and the girls-room, ladies-common-room is taken up for more isolated, cosmetic as well as hygiene partitions. Thereby, it is so designed that the enclosure-type small separate cabin which provide ample privacy to the lady members for their day-to-day need as well as for hygiene requirement. It is also decided to place **sanitary napkins dispenser machine** for the girl child as this college contents more than a half around 700 girl students. A team for this work has been prepared from senior students and ladies staff members.

Evidence of Success:

The remedial classes, Equity and Gender sensitization campaigns and other fitness and awareness programs guided and prepared the students mentally and physically fit to face the challenges in all walks of life. It also helped them to prepare for competitive exams and different professional services as well.

Problems Encountered and Resources Required:

Initially the search of the sanitary napkin vending machine was difficult. To obtain Organic Jaggery was challenging.

Best practice – 2

Title of the practice: Training on Financial awareness in the sense of digital literacy

Objectives or Goal:

Govt. of India introduced demonetization and as a drive to control black money transactions as one of the factors to encourage people towards soft money, digital transactions and paper less economy. As a part of this, literacy towards digital money and transaction methods requires financial awareness in the sense of soft money. As a result, need of digital literacy is highly required. Govt. launched a program where students were encouraged during their vacation for the “Vittiya Saksharta Abhiyan”. As a part of that, our college teachers have taken initiative to encourage and make aware the students so that they can coach the laymen, the shopkeepers to use different applications like BHIM and there by contributed for digital literacy. This we consider as our one of the best practices.

The Context:

The Government of India has taken important step towards digitalization of economy. People are supposed to make there financial transaction online through net banking or mobile banking. But the people coming from rural areas were unaware with this practice. In order to help demonetization process we arranged many camps about digitalization and cashless transaction in rural areas.

The Practice:

Our NSS students and Program Officer organized special camps every year in nearby rural areas to spread awareness about cashless transaction. In these programs, students actively participated and discussed about use of online payments like net banking, mobile banking Paytm application etc.

Evidence of Success:

Most of the people are using cashless transaction without hesitation and fear. They know how to use Net banking, Mobile banking as well as online payment apps. The new avenue in digital transactions, viz., Bharat Interface for Money (BHIM) utilizing Unified Payment Interface (UPI) gateway.

Problems Encountered and Resources Required:

Reluctant of people mind towards digital transactions proved one of the hurdles to execute the drive.

File Description	Document
Any additional information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Response:

Institutional Distinctiveness

This college is very fortunate to keep a very good blending of moral values with scientific temper. Since its establishment it has maintained the quality education and always focused on the overall development of the students. This institute not only imparts theoretical education but also stands by the students during thick and thin. The college staff has its own distinctiveness following the 'GURU-SHISHYA PARAMPARA', which proves the success of this institution. It is our aim to impart good qualities in students by means of knowledge and ability to face the social problems also as well as to make them good citizens. The students are coming from very diverse area of this zone. It is our strong belief that our students should become a very good performer in all the areas. 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 the walks of life. The college has also preserved the age old values of Indian Tradition even in this modern era. It seems that GIRNAR, the holy place with all its beauties and bounties has always blessed the college to incorporate goodness and wisdom in the students.

Here we would like to emphasize very distinctive character of this institute that there is a very strong bonding between the students and teachers prevails because of this even the students who passed out from this institute very long back are in touch with this college and they are having affection and affiliation with their *Alma matar*. The alumni of the college have global presence and the outreach covers 67 countries of six continents (Google Statistics data here for reference)

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 this academic institute lies in having

- Well read teachers
- Eager learners
- Dedicated laboratory staff
- Obedient workers
- Transparent and effective administration and good governance
- Sense of belongingness

College has its own management, viz., unseen shield of the moral values high ethical values, good conduct and self imposed discipline which protects the college environment from all the vices and unethical practices rampant in the society.

5. CONCLUSION

Additional Information :

Light that leads is light of knowledge...

We are travelling on the path towards real education which is aptly quoted by our legendary Noble Laureate Rabindranath Tagore in his Gitanjali

“Where the mind is without fear

and the head is held high,

where knowledge is free.

Where the world has not been broken up into fragments by narrow domestic walls.

Where words come out from the depth of truth, where tireless striving stretches its arms toward perfection.

Where the clear stream of reason has not lost its way into the dreary desert sand of dead habit.

Where the mind is led forward by thee into ever widening thought and action.

In to that heaven of freedom, my father, LET MY COUNTRY AWAKE!”

Concluding Remarks :

Bahauddin College is a culmination of the dreams of Vizier Bahauddinbhai who envisioned sublime motive of imparting education with commitment to this region. The college is founded on the firm stones of core values which includes social justice, equality, patriotism, brotherhood and so on. It is century old government college sincerely making its efforts to render its services to provide opportunity for quality education and scope for higher education to the impassioned students. In recent times, college has proved its efficiency and efficacy by securing excellence award for academic and administrative performance. The college has adequate infrastructure and amiable teaching-learning environment suitable to the students. The college has well qualified and dynamic staff who upgrade themselves to enrich overall learning and teaching experience. It seeks to enhance and sustain its excellence as an institution of higher education by imparting knowledge based learning and ethical values to all and sundry. It will not be an exaggeration to say that Bahauddin Science College represents a true replica of Indian culture along with new implications to achieve new paradigm of success. This pious land has witnessed and enlightened by the grace of great path finders like Swami Vivekanand, Sardar Vallabhbhai Patel and Sir C. V. Raman etc. It is blessed with natural surrounding and humanitarian aspects with a vision to establish and maintain fruitful educative ambience in basic sciences with progression and support of stake holders. The institute induces self discipline rather than supervision which is a most positive phenomenon of this college. These is pure earning of this college that more than 50% faculty members are alumni of this college and naturally inclined to work hard with great sense of commitment towards their alma mater.

NAAC

6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years</p> <p>1.1.3.1. Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>6</td><td>6</td><td>6</td><td>6</td><td>6</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>00</td><td>6</td><td>00</td><td>00</td><td>6</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	6	6	6	6	6	2017-18	2016-17	2015-16	2014-15	2013-14	00	6	00	00	6
2017-18	2016-17	2015-16	2014-15	2013-14																	
6	6	6	6	6																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
00	6	00	00	6																	
1.2.2	<p>Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented</p> <p>1.2.2.1. Number of programmes in which CBCS/ Elective course system implemented.</p> <p>Answer before DVV Verification : 1</p> <p>Answer after DVV Verification: 06</p>																				
1.3.2	<p>Number of value added courses imparting transferable and life skills offered during the last five years</p> <p>1.3.2.1. Number of value-added courses imparting transferable and life skills offered during the last five years</p> <p>Answer before DVV Verification : 2</p> <p>Answer after DVV Verification: 01</p>																				
1.3.3	<p>Percentage of students undertaking field projects / internships</p> <p>1.3.3.1. Number of students undertaking field projects or internships</p> <p>Answer before DVV Verification : 289</p> <p>Answer after DVV Verification: 242</p>																				
2.1.2	<p>Average Enrollment percentage</p> <p>(Average of last five years)</p> <p>2.1.2.1. Number of students admitted year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14															
2017-18	2016-17	2015-16	2014-15	2013-14																	

1070	1074	1215	1184	1201
------	------	------	------	------

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
376	396	408	592	492

2.1.2.2. Number of sanctioned seats year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1240	1240	1240	1240	1240

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
400	400	420	600	500

Remark : The Number of students admitted year-wise cannot be more than the Number of sanctioned seats year-wise. Obviously if the DTE or the university have permitted higher number of students to be admitted, it tentamounts to sanction of extra seats.

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

2.1.3.1. Number of actual students admitted from the reserved categories year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
608	608	608	608	608

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
198	198	207	237	202

Remark : The Number of actual students admitted from the reserved categories year-wise cannot be more than the Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise. Hence the HEI input number restricted where ever it was more than the Number of seats earmarked for reserved category as per GOI/State Govt rule.

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

2.3.2.1. Number of teachers using ICT

Answer before DVV Verification : 39

	<p>Answer after DVV Verification: 32</p> <p>Remark : The Number of teachers using ICT cannot be more than the number of full time teachers. As per 3.1 the current number of full time teachers is 32.</p>																				
2.3.3	<p>Ratio of students to mentor for academic and stress related issues</p> <p>2.3.3.1. Number of mentors</p> <p>Answer before DVV Verification : 39</p> <p>Answer after DVV Verification: 32</p> <p>Remark : The Number of mentors cannot be more than the number of full time teachers. As per 3.1 the current number of full time teachers is 32.</p>																				
2.4.2	<p>Average percentage of full time teachers with Ph.D. during the last five years</p> <p>2.4.2.1. Number of full time teachers with Ph.D. year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>18</td><td>19</td><td>16</td><td>17</td><td>21</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>17</td><td>19</td><td>16</td><td>17</td><td>20</td></tr></table> <p>Remark : As per the HEI data attched with the Metric in response. Contractual faculty can be considered as Full time if work load is 90% of the average faculty lod. However visiting/part time faculty is not Full time. Visiting faculty PhD is not counted.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	18	19	16	17	21	2017-18	2016-17	2015-16	2014-15	2013-14	17	19	16	17	20
2017-18	2016-17	2015-16	2014-15	2013-14																	
18	19	16	17	21																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
17	19	16	17	20																	
2.4.3	<p>Teaching experience per full time teacher in number of years</p> <p>2.4.3.1. Total experience of full-time teachers</p> <p>Answer before DVV Verification : 545 years</p> <p>Answer after DVV Verification: 511 years</p>																				
3.1.1	<p>Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)</p> <p>3.1.1.1. Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)</p> <p>Answer before DVV Verification:</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14															
2017-18	2016-17	2015-16	2014-15	2013-14																	

0	6.14	4.68	7.86	0
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Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	6.14	5.78	6.68	0

3.3.3 Number of research papers per teacher in the Journals notified on UGC website during the last five years

3.3.3.1. Number of research papers in the Journals notified on UGC website during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
07	05	04	10	02

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
03	02	02	02	02

Remark : As per the HEI data attached with the Metric. Only papers published in journals with valid ugc weblink are eligible. The HEI data of the available links used as reference.

3.3.4 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years

3.3.4.1. Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
14	18	10	11	03

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
01	00	03	00	01

Remark : The HEI has treated the books chapter wise Applied Chemistry-101 [Chapter: 8 :Chemical Kinetics] Applied Chemistry-201 [Chapter: 4 : Solid State] Applied Chemistry-301 [Chapter: 6 : Name reactions and rearrangements] Applied Chemistry-4 [Chapter: 2 : Organometallic Compounds and Chapter: 5 : Chemical Kinetics] Applied Chemistry-4 [Chapter: 8 : Synthetic Polymers and Chapter: 3 : Heterocyclic Chemistry] Applied Chemistry-401 [Chapter: 6 : Carboxylic acids and their derivatives] Applied Chemistry-502 [Chapter: 2 : Alkaloids] Applied Chemistry-503

[Chapter: 4 : Phase Rule] Applied Chemistry-603 Applied Physics (B.sc Sem-IV) Chemistry practical F. Y. B. Sc. sem-1 Chemistry practical F. Y. B. Sc. sem-2 Chemistry practical S. Y. B. Sc. sem-3 Chemistry practical T. Y. B. Sc. sem-5 College chemistry F. Y. B. Sc. sem-2 [Chapter: 3 : Cycloalkanes] College chemistry S. Y. B. Sc. sem-3 [Chapter: 3 : Aryl halides and [Chapter: 4 : Alcohol, phenols, Ethers and Epoxide College chemistry S. Y. B. Sc. sem-4, Practicals etc OR College MATHematics-B. SC. Sem-1 [Chapter: 1 : Polar cylindrical and spherical coordinate and sphere] College Mathematics Sem-VI-602 [Chapter: 2 : Homomorphism of Groups, Rings & Fields & Polynomials] College Mathematics-2 [Chapter: 4 : De'Moivre's Theorem] College Mathematics-4 [Chapter: 7 : Inner Product Space] College Mathematics-501 [Chapter: 1 : Group, Subgroup, Permutation & Chapter: 2 : Cyclic Group & Chapter: 3 : Normal Subgroup and Isomorphism of Groups] College mathematics-502 [Chapter: 4 : Finite difference and interpolations] College mathematics-B. SC. Sem-3 [Chapter: 5 : Curvature, asymptotes and multiple points] College mathematics-B. SC. Sem-4 [Chapter: 7 : Inner products space] College Mathematics-III [Chapter: 1 : Vector Space & Chapter: 2 : Linear Transformation and College Mathematics-B. SC. Sem-2 [Chapter: 2 : Matrices] are chapters of the book same auth.

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government /recognised bodies year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
4	0	0	2	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
00	0	0	00	01

Remark : The HEI claim of award are for individuals, or for activities other than extension activities. the HEI was requested to provide attested English translation of the Election Officer's letter of Appreciation in Electoral Day. However the letter though at the district level is considered. The letter is if read correctly) dated Jan 2014 which is part of 2013-14 and also the activity is conducted in 2013-14. NIRF ranking, AAA report do not qualify.

3.4.3 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 last five years

3.4.3.1. Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14

14	13	11	10	8
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Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
06	06	04	04	06

Remark : General knowledge competition, Elocution, Essay writing UPSC guidance seminar are academic activities or have been considered under 5.1.3. Activities in connection with gender promotion are under 7.1.1 and for the same activity, double claim is not eligible.

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

3.4.4.1. Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
813	725	990	985	1089

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
813	725	990	985	1089

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

3.5.1.1. Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
6	5	4	10	4

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
6	5	4	08	4

3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)

3.5.2.1. Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	2	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	2	2	2	2

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

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 16

Answer after DVV Verification: 14

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

4.1.4.1. Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
92	100	0	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
92	100	0	0	0

4.2.6 Percentage per day usage of library by teachers and students

4.2.6.1. Average number of teachers and students using library per day over last one year

Answer before DVV Verification : 346

Answer after DVV Verification: 46

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer before DVV Verification : ≥ 50 MBPS

Answer After DVV Verification: 5-20 MBPS

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

4.4.1.1. Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
100	100	4.7	0	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
100	100	4.7	0	0

5.1.3

Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

Answer before DVV Verification : B. Any 6 of the above

Answer After DVV Verification: C. Any 5 of the above

5.1.4

Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

5.1.4.1. Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
201	245	443	541	317

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
201	245	443	421	317

Remark : The HEI cannot claim that a student is benefited by guidance for competitive examinations and career counselling offered by the institution every year from year 1 to year 4 and as many times. The major benefit even if counselled for all the years of study would be once when the student appears in higher exam/placement.

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

5.1.5.1. Number of students attending VET year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
198	409	287	65	150

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
120	209	207	65	150

Remark : As per the HEI data attached with the Metric in response.

5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ 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: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil services/ State government examinations) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
34	12	9	20	10

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
34	12	9	20	10

5.2.3.2. Number of students who have appeared for the exams year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
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5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	1	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2	0	0	0	0

6.5.4 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

Answer before DVV Verification : B. Any 3 of the above

Answer After DVV Verification: B. Any 3 of the above

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

7.1.1.1. Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
2	3	2	1	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
01	01	02	01	01

Remark : As per the HEI clim and the proof as attached in the document with the Metric in response. All notice translations and reports (02 only available) have been considered.

7.1.3	<p>Alternate Energy initiatives such as:</p> <p>1. Percentage of annual power requirement of the Institution met by the renewable energy sources</p> <p>7.1.3.1. Annual power requirement met by the renewable energy sources (in KWH) Answer before DVV Verification : 8 Answer after DVV Verification: 33500</p> <p>7.1.3.2. Total annual power requirement (in KWH) Answer before DVV Verification : 8 Answer after DVV Verification: 33500</p> <p>Remark : As per the HEI documents it has 100% of power on solar. The Supply (consumption) and the power generated by the renewable energy sources are both 12KW. (12x8x350=33600)</p>																				
7.1.9	<p>Differently abled (Divyangjan) Friendliness Resources available in the institution:</p> <p>1. Physical facilities 2. Provision for lift 3. Ramp / Rails 4. Braille Software/facilities 5. Rest Rooms 6. Scribes for examination 7. Special skill development for differently abled students 8. Any other similar facility (Specify)</p> <p>Answer before DVV Verification : C. At least 4 of the above Answer After DVV Verification: D. At least 2 of the above</p>																				
7.1.10	<p>Number of Specific initiatives to address locational advantages and disadvantages during the last five years</p> <p>7.1.10.1. Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years</p> <p>Answer before DVV Verification:</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>3</td><td>2</td><td>2</td><td>2</td><td>4</td></tr></table> <p>Answer After DVV Verification :</p> <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>01</td><td>01</td><td>01</td><td>01</td><td>01</td></tr></table> <p>Remark : The HEI has attached notices for the camp which as per earlier remarks are not initiative in subsequent years. There are no reports or photographs of the activities undertaken. The HEI website also does not make any mention. Considered.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	3	2	2	2	4	2017-18	2016-17	2015-16	2014-15	2013-14	01	01	01	01	01
2017-18	2016-17	2015-16	2014-15	2013-14																	
3	2	2	2	4																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
01	01	01	01	01																	
7.1.11	<p>Number of initiatives taken to engage with and contribute to local community during the last five</p>																				

years (Not addressed elsewhere)

7.1.11.1. Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
3	2	2	2	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
01	00	00	00	01

Remark : As per the HEI data attached with the Metric in response.

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

7.1.17.1. Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	11	11	11

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
12	12	11	11	11

2.Extended Profile Deviations

2. Extended Form Deviations

ID	Extended Questions										
1.1	Number of courses offered by the institution across all programs during the last five years Answer before DVV Verification : 6 Answer after DVV Verification : 64										
1.2	Number of programs offered year-wise for last five years Answer before DVV Verification: <table><tr><td>2017-18</td><td>2016-17</td><td>2015-16</td><td>2014-15</td><td>2013-14</td></tr><tr><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	1	1	1	1	1
2017-18	2016-17	2015-16	2014-15	2013-14							
1	1	1	1	1							

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
06	06	06	06	06

2.1 Number of students year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1070	1074	1215	1184	1201

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
1180	1396	1234	1184	1417

2.2 Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
608	608	608	608	608

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
198	198	207	297	248

2.3 Number of outgoing / final year students year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
383	342	505	431	345

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
383	342	510	431	345

3.1 Number of full time teachers year-wise during the last five years

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
39	36	30	32	34

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
32	28	27	25	25

4.3 Total Expenditure excluding salary year-wise during the last five years (INR in Lakhs)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
100	100	97.72	11.70	12.17

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
197.45	200.7	97.72	11.70	12.17