



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

H. AND H. B. KOTAK INSTITUTE OF SCIENCE

DR. YAGNIK ROAD, DH. COLLEGE CAMPUS, RAJKOT

360001

kotaksciencecollege.co.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

March 2019

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Our Institute was initially established as Shree Dharmendrasinhji Arts and Science College. The formal opening of our mother institution was performed by honorable Mr E. C. Gibson on 16th December 1937.

Dr R. K. Yagnik (M.A. Ph.D. - London) was one of the Principals of our college, who made a wonderful attempt for the development of the college from 1941 to 1950. From 1937 to 1947 college was affiliated to Bombay University. In 1947 separate Science section came into existence in new building with the financial support of famous industrialist of Rajkot and former Finance Minister (Saurashtra State) Shri Gidhubhai Bhavanbhai Kotak, who donated Rs. 1,11,111 for the science faculty in the loving memory of his fore fathers Hon. Late Shri Harjivandas Bhavanbhai Kotak and Hon. Late Shri Hargovindas Bhavanbhai Kotak.

The opening ceremony of Science faculty was performed by the Hon. Mr. B. G. Kher, Premier, Govt. of Bombay on Monday, 23rd June 1947. From 1947 to 1967 college was affiliated to Gujarat University, Ahmedabad. 1967 onward college is affiliated with Saurashtra University, Rajkot.

The college is an undertaking by the Government of Gujarat and has reputation of a good college for Science teaching.

This college, **H & HB KOTAK INSTITUTE OF SCIENCE** is known as **KOTAK SCIENCE COLLEGE** and **H & HB KOTAK SCIENCE COLLEGE**. too. Saurashtra University, Commissioner of Higher Education and Knowledge Consortium of Gujarat write any one of these names.

Vision

Development of modern society can be attributed to the impact of science and technology. The college aims to prepare young scientist, enthusiastic researchers, impressive employees and disciplined citizens along with value-oriented human beings,

Mission

To educate students in true sense.

To provide scientific knowledge of various subjects.

To prepare students for higher education.

To activate hidden potential of students.

To stimulate academic environment for promotion of quality of students in higher education.

To encourage students for research work.

To provide the best scientists to the nation.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- * An old reputed Government Science College in the heart of the city from eight (8) decades.
- *Imparting quality education at affordable cost by admission on merit list.
- *Well connected with rail and road transport for students from villages. *Only government science college in the district.
- Large campus for outdoor activities.
- *Well qualified teachers appointed through Public Service Commission as per UGC norms of eligibility
- *Having sufficient laboratory for practical work in science teaching.
- *Faculty take part in Orientation program, Refresher Course, conference, seminar etc for self development.
- *Well equipped library with books of all subjects as per syllabus.
- *Extra -curricular activities are conducted for all round development of students and social welfare.
- *Students participate in University cultural and sports competitions even at National level.
- *College has students centered teaching system and counseling facility.
- *Good passing results to enable students to seek admission for higher education.
- *Held examination in a clean and transparent manner.
- *Eco friendly peaceful campus conducive for learning.
- *Efficient administration office.
- *Online merit based admission system following govt policy.
- *Use of IT in teaching practice.
- *Field visit and projects for better understanding.
- * Skill development program for students.
- * Running vocational program for students to.

Institutional Weakness

Inadequate number of faculty due to delay in appointment from the higher office.

_ Inadequate number of classroom for theory lecture and no facility of auditorium and indoor sports.

_ Bigger size of batch for practicals.

_ Separate reading room and internet access cabin required in library.

_ Depend on Public Works Department for maintenance of building.

Institutional Opportunity

- ICT facility can be improved.
- More classrooms to be built.
- Girls' common room to be built.
- Washroom facility needs to be improved.
- Vocational courses to be started for better employment opportunity to students.
- Increased interest in pure science education. Need of more infrastructure and bigger establishment.
- More seminars & workshops to be conducted.
- Value education to be made a part of curriculum.
- Departments to subscribe journals of respective subjects.
- Having a Large campus so more opportunities for development of infrastructure.

Institutional Challenge

- 1--A large number of students from rural background and lower socio- economic class.
- 2--Communication skill is weak.
- 3--Students depend on e- material for reference rather than books and library.
- 4-- Limitations of expenditure on certain items due to government budget allocation under fixed heads.
- 5-- Disposal of waste from campus.
- 6-- Requirements of more supportive staff for science teaching.
- 7-- Students- teachers ratio is high due to vacant posts of faculty.
- 8-- Semester system gives less time for other extended activities.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

H. & H. B. Kotak Institute of Science is affiliated to Saurashtra University, Rajkot which designs and modifies the curriculum and syllabi for all programmes. The College has a fair representation and dynamic contribution in curriculum planning and implementation at the University level. Principal Dr. Ranjana A. Agarwal is

member of University Senate as well as faculty of Science. One more faculty is also member of Faculty of Science in capacity of asst. chairman. Eight members are on the various Boards of Studies of the University. During the implementation of the Choice Based Credit Semester System (CBCSS) by the University, teachers of the College put in remarkable contribution in designing courses and setting up patterns of evaluation and documentation.

The College follows the Choice Based Credit System (CBCS) in the semester pattern which has been implemented across all the seven programs offered by the college. Ample emphasis is put on imparting practical knowledge through field visits, study tours, industrial visits, working model preparation and project report preparation as well submission. The college also offers skill-development and value-addition courses to enrich curriculum at no charge from students.

Feedbacks are collected from the students at the end of every academic year about the various aspects of curriculum such as usefulness of the course content and employability etc. and the system is developed and modified by the IQAC.

Teaching-learning and Evaluation

The ability of teachers to create knowledge, curiosity and enthusiasm among the students is one of the key features of teaching- learning. They initiate to serve students of different backgrounds and abilities through effective teaching experience. Teachers use interactive methods for capacity building of students by stimulating their thinking and analytic powers with the methods of group discussion, debate, projects, seminar presentation, experiments and demonstration. Quality of education also depends on teachers' readiness to use ICT. Content of syllabus is discussed with students in relation to its practical utility and recent trends in their discipline.

Admission committee executes admission process through online mechanism on merit basis in accordance to the government norms of reservation. College conducts learning level test of students after admission to recognize the slow and advance learners and guide them accordingly specially for English.

Teachers are always encouraged to participate in seminar, conference, workshop and other faculty development programs to update their teaching skills and make it more effective and innovative.

Evaluation is the integral part of teaching- learning. Students are regularly evaluated by internal and external theory and practical exams in Choice Based Credit System followed by the University. Internal exams for 30 marks are conducted with scheduled time table through quiz, assignment and seminar presentation. Marks are displayed for students to prepare themselves for final exams. More than 60 percent students obtain First class and Distinction and like to go for higher education.

College follows the Academic Calander of the University for teaching and examination by adding other activities. All these information are provided to the students through college and University websites and Orientation program for students.

Main objective of teaching is achieved when students express knowledge in the form of wisdom in all walks of life.

Research, Innovations and Extension

Under this criterion the areas of Research, Innovations and Extension are dealt with.

Starting with Criterion 3.1 Resource mobilization for Research: Since this is an institute offering under-graduate courses, research done by students are mainly of the under-graduate level. The research carried out by the faculties for their career advancement are covered under this criterion. In the last five years there are two such minor research projects have been undertaken. The funding agency is UGC.

The criterion 3.2 deals with Innovative Eco system. Under this criterion mainly three innovations are highlighted including the use of solar panel, use of the LED lights for energy saving and thereby improving the ecology and third is the water harvesting which is directly related to minimize the expense of drinkable and usable water apart from saving water and improving the ecology.

3.3 deals with the Research Publications and awards. In the last five years 57 research publications are done by the faculties at UGC listed and internationally/nationally acclaimed journals. The criterion also includes the books, research articles written by the faculties of the institute during last five years. 44 such books/articles are published in the last five years in international/national/state/regional level by the faculties. The list along with the necessary proof are included at appropriate place.

This institute is running two major programs for the benefit of students, society and nation. They are 1) (NCC) and 2) (NSS) apart from the other activities carried out in the institute. Under these, various activities such as NCC camps, NSS camps, Blood donation, Tree plantation etc. have been carried out in last five years. More than 60% of students are involved in these activities which is not only beneficial to the society, nation but also beneficial to the students' self-development. More than 20 such major programs are conducted in the last five years. The institute also earned 5 awards for such activities.

Number of students in various subjects do field visits, educational institute/research institute visits during their studies as a part of their under-graduation courses. In the last five years nearly 30 such students/faculties linkages are done.

Infrastructure and Learning Resources

Our college is situated in the heart of the city with large campus. Campus area is 30.30 acres and built up area is 4600 sq.meters. The college has a big play ground, Botanical Garden and other garden with 100 trees.

The college has four buildings for academic & administrative purpose. One building is known as Chemistry building. There are six classrooms for theory class, one Physical-chemistry Laboratory, a computer lab, an NSS room, a rest room, one Common room for the staff of Mathematics, Statistics and English, Chemistry department and three laboratories of Chemistry with store rooms and preparation rooms. Second building is known as Admin Building. There are Administration office, two BCA classrooms, Big laboratory for Biology and one room for Dharmendrasinhji Co-operative Society office, Principal office, Accountant's office, IFMS room, Record rooms, Zoology, Botany and BCA departments with laboratory and preparation rooms. Third building is a part of Dharmendrasinhji Arts College, used for our college. There are Physics department with four laboratories, a Dark Room, a theory classroom, Library and Digital Education Learning Laboratory. And the fourth building known as Research & Development Centre is specially used for training of Soil Testing with its laboratory and preparation rooms. Ours is a well-expanded institute catering to students' all adequate

facilities as per minimum requirement specified by statutory bodies. College has adequate equipments of all the laboratories. College has adequate number of computers, printers, scanners, CCTV systems, NAMO WI-FI system, Internet facility with more than 100 MBPS Bandwidth. College has old and new furniture supplied to college by Commissioner of higher Education office. College is run by Government of Gujarat so the maintenance of civil works and electric works of the college building and infrastructure is the responsibility of Road & Building Department. The new civil and electric work, augmentation and maintenance of government buildings are done by R&B Department. Instruments, equipments and other aids are purchased and maintained by the college. R & B has been given a section office in the campus. A building is utilized by Registry Office and another by the Post Office for Public Utility.

Student Support and Progression

Kotak Institute of Science- Rajkot is premier government Science College having sanctioned intake capacity of 240 for first year. A system of student s support is formed as the campus accommodates 800 plus students every year. The college looks after providing govt. scholarship to SC, ST and OBC students and also merit scholarship. For providing equal opportunity and capacity building, college trains and promotes students for competitive exams through SUCEAT, soft skill and personality skills through Finishing School. Drawing, painting, poster making, mehendi, Tattoo and Rangoli competitions are held under the umbrella of Rang kala Dhara. Singing , dancing and drama are organized by Geet- Sangeetand Natya Dharas. Students are selected for competitions in University Youth Festival. Chess and Cricket Tournament are organized annually by Khel-kud Dhara. Similarly debate , essay writing & quiz are done by Gyan Dhara committee. Under UDISHA and Finishing School initiatives, the college provides 110 hrs. guidance and counseling to the students. Besides training and guidance, the departments in co-ordination with local industries and govt. also organize for campus placement for final year students. Respective departments also motivate and promote students for taking up higher degrees. 75% of the passes out students opt for PG or B.Ed. Courses. NSS, NCC units and faculty of sports motivates students' engagement and participation in sports and social activities. NSS Camp is done in a village for social awareness activities. NCC Camps are a must for the cadets. Students are performing well at university level competition and also representing for university at national level competitions. Students' representatives take active participation in different committees with faculty members such as Women's, Development committee, Anti Ragging and Discipline committee , Students Grievance redressal Committee and other activities for planning and implementation. All NCC cadets are part of the College Discipline committee. Respective departments keep record of their alumni.

Governance, Leadership and Management

H & H B Kotak Institute of Science- Rajkot understands the role of institute in social and ecological balance, hence the institute acts on number of initiatives on gender equality, gender sensitivity, care for differently able students, celebrating women's day, campaign for save girl child, use of renewable energy, low electricity consuming devices, public transport, cycle, paperless administration, green campus, celebration of environment day, yoga day etc. for creating awareness among students. The college enrolls students through online monitored system purely based on merit irrespective of their gender, caste and creed. Girls and divyang students provided caring atmosphere on campus. They are continuously motivated, encouraged for equal participation in academic and co-academic activities which has resulted in participation and representation of girls in many sports activities at national level. The college also has NCC wing for girls. The Women's cell and Anti harassment Cell of the college continuously takes measures for safety and security of girls by providing them guidance, counseling and self defense trainings. National Festivals are celebrated in college with due

dignity.

The Institute understands the global need of energy and makes effort for continuous improvement in low energy consumption on campus. The college has set two roof-top solar plants with the capacity of 5.04 KW each with electricity production of 14500 KWH per panel which has resulted into lowering the annual energy consumption. Department buildings and laboratories are fitted with LED lights to lower energy consumption. Campus area has its botanical garden with riches of plants. Parking and open area is covered with varieties of trees. The chemical and other waste from laboratories is managed as per standard environmental guideline. A large number of students use public transport for commuting to and fro. Students and faculty also use bicycles to keep environment clean & healthy. The solid waste is managed by Corporation. Department of biology has a rain harvesting system where rain water is stored for use in practical work. Soil Testing for the agriculture soil for better farm produce is done in Soil Laboratory as a dream project of Higher Education and Agriculture Departments since 2010-11.

Institutional Values and Best Practices

Shree H & H B Kotak Institute of Science- Rajkot understands the role of institute in social and ecological balance, hence the institute acts on number of initiatives on gender equality, gender sensitivity, care for differently able students, celebrating women's day, campaign for save girl child, use of renewable energy, low electricity consuming devices, public transport, cycle, paperless administration, green campus, celebration of environment day, yoga day etc. for creating awareness among students. The college enrolls students through online monitored system purely based on merit irrespective of their gender. Girls and divyang students provided caring atmosphere on campus. They are continuously motivated, encouraged for equal participation in academic and co-academic activities which has resulted in participation and representation of girls in many sports activities at national level. The college also has NCC wing for girls. The Women's cell and Anti harassment Cell of the college continuously takes measurements for safety and security of girls by providing them guidance, counseling and self defense trainings.

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2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	H. AND H. B. KOTAK INSTITUTE OF SCIENCE
Address	Dr. Yagnik Road, Dh. College Campus, Rajkot
City	Rajkot
State	Gujarat
Pin	360001
Website	kotaksciencecollege.co.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Ranjana A. Agarwal	0281-2465643	9374293999	91-2812465643	kotaksciencecollegerajkot@gmail.com
IQAC / CIQA coordinator	NT Chotaliya	0281-2466703	9426928329	91-2812465343	hhbkisiqac@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	16-12-1837

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

State	University name	Document
Gujarat	Saurashtra University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	14-02-2014	View Document
12B of UGC	14-02-2014	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?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dr. Yagnik Road, Dh. College Campus, Rajkot	Urban	30.3	3302

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,Science	36	HSCE	English	125	111
UG	BSc,Science	36	HSCE	English	30	22
UG	BSc,Science	36	HSCE	English	100	87
UG	BSc,Science	36	HSCE	English	50	33
UG	BSc,Science	36	HSCE	English	50	49
UG	BSc,Science	36	HSCE	English	40	26
UG	BCA,Computer Science	36	HSCE	English	60	26

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	1				16				28			
Recruited	0	1	0	1	13	3	0	16	9	3	0	12
Yet to Recruit	0				0				16			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				3			
Recruited	0	0	0	0	0	0	0	0	1	1	0	2
Yet to Recruit	0				0				1			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				32
Recruited	19	5	0	24
Yet to Recruit				8
Sanctioned by the Management/Society or Other Authorized Bodies				2
Recruited	2	0	0	2
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				17
Recruited	7	5	0	12
Yet to Recruit				5
Sanctioned by the Management/Society or Other Authorized Bodies				1
Recruited	0	1	0	1
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	1	0	9	3	0	5	1	0	19
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	4	0	0	1	1	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	3	1	0	4
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	
	2		2	
		0		Total
				4

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	760	0	0	0	760
	Female	277	0	0	0	277
	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	96	86	124	102
	Female	58	34	59	30
	Others	0	0	0	0
ST	Male	5	8	44	4
	Female	5	10	16	3
	Others	0	0	0	0
OBC	Male	414	238	246	192
	Female	66	74	81	54
	Others	0	0	0	0
General	Male	274	379	247	460
	Female	204	225	123	190
	Others	0	0	0	0
Others	Male	26	28	81	0
	Female	8	5	24	0
	Others	0	0	0	0
Total		1156	1087	1045	1035

3. Extended Profile

3.1 Program

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

Response: 80

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
7	7	7	7	7

3.2 Students

Number of students year-wise during the last five years

2017-18	2016-17	2015-16	2014-15	2013-14
1037	1045	1025	1045	874
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
498	503	491	538	447
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
358	305	243	181	183

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
33	33	34	30	32

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
45	45	45	45	45

File Description	Document
Institutional Data in Prescribed Format	View Document

3.4 Institution

Total number of classrooms and seminar halls

Response: 10

Number of computers

Response: 91

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

2017-18	2016-17	2015-16	2014-15	2013-14
38.85	19.69	217.49	10.62	25.37

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:

The College is affiliated to Saurashtra University and follows the curriculum and syllabi prescribed by the university. Saurashtra University provides Academic Calender at the beginning of each academic year. Advance planning of Academic activities is done by the college in concordance with the University academic calendar.

For the successful and timely implementation of curriculum, Time-table committee of the college prepares a Time-Table after the discussion with Head of the all departments at the beginning of each semester. Each department conducts departmental meetings where workload distribution among staff is prepared for the given time-table. Faculties prepare advanced academic planner for their work for timely implementation as well.

Students are made aware of the academic plans through time table and relevant notices as well as in the classrooms by their respective teachers. Also, slow and advanced learners from F.Y. B. Sc. Students are identified in the beginning of academic year. Teachers plan their work in view of the abilities of the slow learners, the average students and the advanced learners.

In addition to conventional teaching methods, faculties use other tools to supplement the effective delivery of curricular aspects such as field visits, study tours, industrial visits, group discussions, projects, class seminars, quiz and use of ICT. The college has put in place required infrastructure for technology-led learning. The campus is fully wi-fi enabled with internet access to all students and faculty.

To improve the delivery of curricular aspects by teachers, the institute supports the faculty members in various ways: by providing well-equipped library facility; by providing encouragement to attend various seminars, workshops, faculty development programs, refresher and orientation courses to update their knowledge etc.

The Head of the department and the Principal do a periodical review monitoring of delivery of curriculum and also the student's attendance.

The internal examinations are organized systematically to assess the attainments of course outcome.

The IQAC monitors the feedback of students regarding curriculum delivery which helps in incorporating necessary measures for effective implementation.

File Description	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

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: 132.72

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
9	9	9	9	7

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: 13.75

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

Response: 11	
File Description	Document
Minutes of relevant Academic Council/BOS meetings.	View 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: 7

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	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: 7.96

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
219	195	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 under graduate programs within the college represents a rich diversity of students whose needs are shaped and addressed by the various programs in science and computer technology that are imbibed in the curriculum. The college has the following programs to supplement the university curriculum. 1. Innovation and creativity 2. Personality development 3. Environmental studies. 4. Computer fundamentals. 5 Science and society. Innovation and creativity is taught to the students in the final year and is structured to bring out the innate skills of every student. The students are taught various methods to tap their creativity and innovation either formally or informally. The subjects offered in curriculum will teach the students importance and need of Science and Technology in development of society in which they are living and how their creativity and innovation can change the world for their personal and societal growth. Business and technical communication course is taught to meet the needs of personality development of young science graduates. For students support the college has various cells such as anti-ragging cell, student counseling and career guidance cell, anti-sexual harassment cell of which both the students as well as the senior faculty are members. The subject is supported by the practical exposure through these cells and ensures that the students shape their own self individually. The exposure to Environmental studies and society creates awareness among students about global warming, deforestation, and depletion of natural resources. The syllabus is framed in such a way that students take very active part in various activities created for this course. The students are encouraged to participate in debates, quizzes, group discussions, model preparation or chart presentations. Students are made job ready by providing them with life skills, soft skills, and language skills programmes initiated by KCG and Govt. of Gujarat. Through these courses students are taught about the rights, behaviors, health and hygiene, overcoming hardships, discrimination etc. Under NCC and NSS , the students divide themselves in groups and employ themselves in various tasks like education the women, children and the senior citizens to read and to write in periodic visits to develop their interpersonal skills and socio economic and environment sustainability. The NCC (National Cadet Corp) helps to imbibe the moral, disciplinary, patriotic and ethical values among the students. The program is open to both boys and girls. Especially girls are encouraged to take part in the NCC program to empower them with mental and physical sustainability and to make their employability easier Programs for women students in self-defense are organized periodically.

1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years**Response: 2****1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years****Response: 2**

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: 40.79

1.3.3.1 Number of students undertaking field projects or internships

Response: 423

File Description	Document
List of students enrolled	View Document
Institutional data in prescribed format	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: B. Any 3 of the above

File Description	Document
Any additional information	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

NAAC

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: 35.33

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
347	378	329	403	364

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
1037	1045	1025	1121	934

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	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:** 73.69

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
325	418	359	391	332

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	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 college admission committee makes a summary of the students based on the academic background, medium of education, economic status, curricular and extra-curricular activities of the student while taking the admission. The individual requirement of each student is analyzed and the students will be classified as per the following. Details of the academic performance and achievements of the students such as university ranks, medals, and appreciation certificates are scrutinized and based on the primary data collected the students are categorized as slow and advanced learners. A bridge course is conducted for the students to tackle difficulties in languages, sciences, computers and such similar subjects. Feedbacks are collected from the students and tests are conducted to find out the problem areas of the students and root them out in the initial stage itself. Poor performance in the academics due to absenteeism is corrected by Remedial classes. These classes are conducted for the academically disadvantageous students to provide them with an opportunity to improve their subject knowledge. Contents beyond the syllabus but pertaining to the core of the subject are discussed in the class to make the student aware of the trending topics relevant to the subject of teaching. The slow learners are encouraged to take effective part in whatever subjects that interests them to motivate them into learning all. Slow learners are constantly encouraged to meet up with their mentors for extra classes or take up assignments like preparing a collage or chart or a ppt to gather in-depth knowledge about the subject. Teachers also help these students by tutorials, one to one discussions and supplying books and other resources. Students, irrespective of cultural, socio-economical and educational differences, are encouraged to take part in various activities in the classroom and laboratories to establish rapport and ease among them. The advanced learners are identified during the class room discussions, performance in the internal assessments, feedback from mentors and teachers. The college recognizes the achievement of the advanced learners either in terms of cash awards or medals in various functions conducted by the college. The advanced learners are encouraged to participate in seminars and

present papers and to take classes for the juniors or their peers to motivate the other students to reach up. The advanced learners are given proactive leadership, class monitors, cultural coordinators etc. They are also encouraged to organize college fest and are groomed to represent the college in state or national level academic, sports and such activities to foster their competitive spirit.

2.2.2 Student - Full time teacher ratio

Response: 31.42

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Response: 0.19

2.2.3.1 Number of differently abled students on rolls

Response: 2

File Description	Document
List of students(differently abled)	View 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:

The faculty members are in general aware of the students need in terms of knowledge and skills due to their previous experience in teaching similar students over the years. Student centric method of teaching is the most approved pedagogy followed by all the faculties of the institution. The institution takes several measures to help students to make fast development in their syllabus and also improve their general academic knowledge and skills. The traditional method of teaching is replaced by student participation in the class room activities, experiential learning, participative learning etc. which is undertaken in the following ways; The classes are usually interactive with the students coming up with their own innovative ideas and viewpoints with the guidance of the teacher. The students are encouraged to prepare models, charts, collages and they are displayed on the notice board or kept for the view of other students at a noticeable spot in the campus. This process will make other students feel motivated. The students are encouraged to attend seminars and conferences and present papers. Students are taken on industrial visits to get hands on experience and clarify their doubts on whatever is happening in their related field. Group discussions, intercollegiate fests, excursions are conducted to promote academic excellence and psychological relaxation to the students. The college library is being digitalized in order to provide quick access of the books to students. Free access to the internet to make the students familiarize themselves with

digital libraries, ICT, etc... Students are given case studies and problem solving topics to encourage them to think out of the box. Students are encouraged to take a topic of their own interest and write a paper or do a presentation on that topic to their peers which will motivate the other students to cultivate independent and collaborative learning. Students are given task based responsibilities like organizing Food fest, or Cultural fest or any functions within the campus to make them leaders, organizers and team players. Industry experts are brought in periodically to enlighten the theoretical knowledge of the students with their practical experience. Computer science students are encouraged to develop projects in the final year of their studies. Students are orally guided regarding the various career oriented courses, competitive examinations and special choice based subjects in the beginning of the year. Contents beyond the syllabus are also taught to the students to make them aware about the recent trends in their disciplines. Through the various clubs such as Cultural club, Environment Club, Literary Club, students are given opportunity to participate in many activities thereby promoting independent learning. Occasionally educational tours are also conducted.

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

Response: 0

2.3.2.1 Number of teachers using ICT

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: 31.42

2.3.3.1 Number of mentors

Response: 33

File Description	Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Response:

The college encourages faculty members to implement new concepts in the teaching-learning process within the framework of the rules and regulations prescribed by the affiliating university.

In order to impart more innovative approaches in the teaching-learning process, the institution motivates all the faculty members to attend FDPs, National and International Seminars, Conferences/Workshops organized by reputed institutions.

Lecture method supplemented with teaching aids e.g. charts, Simulation, Quiz, PowerPoint Presentations, use of charts, posters, models etc. showing educational movies, showing syllabus based movies. The use of modern multi-media teaching aids like LCD projector and various e-resources. Use of social media for sharing work / intimation on academic updates under innovative practices we encourage our students to make short films, which enable them to present their talent.

The College has provided internet access through Namo Wi-Fi to all. Variety of free software tools, systems with internet facility are made available to the faculty to enable them to teach certain topics through extensive simulation techniques.

Apart from classroom interactions, the students undergo in-plant training, visit industries, present papers, carry out in-house projects, etc., and faculty give them guidance in all such activities so that the class room learning is effectively and innovatively supplemented.

Computer related syllabus is taught on computers only by using computers in computer laboratory. Practical demonstration of experiments in respective syllabus, using various teaching aids and instruments. Home assignments, Seminar, MCQ which are based on curriculum are distributed to the students.

In the laboratory oriented courses, students are given the freedom to conduct certain experiments, to strengthen the theoretical concepts they are taught in the class room, under the supervision and guidance of the faculty laboratory in charges.

The College Library and free internet of Namo Wi-Fi provides facility through which one can access free e-books and any freely available material required for syllabus content

2.4 Teacher Profile and Quality

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

Response: 72

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

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

Response: 54.71

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
20	22	19	14	14

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

2.4.3 Teaching experience per full time teacher in number of years

Response: 13.15

2.4.3.1 Total experience of full-time teachers

Response: 434

File Description	Document
Any additional information	View Document

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: 3.09

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	1

File Description	Document
Institutional data in prescribed format	View Document
e-copies of award letters (scanned or soft copy)	View Document

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

Response: 2.22

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
01	1	1	1	1

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

2.5 Evaluation Process and Reforms

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

Response:

H & HB Kotak institute of science follow the regulations and evaluation process of the affiliating Saurashtra University. In the beginning of the academic year all students are oriented about the internal and external evaluation process. The faculty members give the instructions even in the classrooms and copy of the same is also displayed on the student's notice board. Students and parents are clearly made aware of the eligibility conditions required to appear in the final exam.

The evaluation is the core and integral part of the teaching learning process. The internal examination committee of the senior faculties conducts meeting to decide internal evaluation time table.

The internal evaluation weightage of 30 % is divided in three parts –

(1) 10 % for classroom MCQ test

(2) 10 % Assignment

(3) 10 % seminar presentation and quiz or Assignment (For final year student)

Student has to score minimum 12 marks out of 30 marks to get through to be eligible for the university exam.

Evaluation of remaining 70 % is done by external university exam.

Internal evaluation of 30 % practical mark done on the basis of

(4) 10 % for Practical viva

(5) 10 % Journal presentation & regularity

(6) 10 % Lab performance and scientific approach

During the orientation programme newly admitted students are updated about the attendance required and minimum marks required in the CBCS system both at internal and external evaluation. In internal evaluation gracing is given at the institutional level if required. The evaluation reforms of the university are followed in the best of the spirit to keep evaluation process fair and transparent.

The H & HB Kotak Institute of Science has been following the improved examination system as prescribed by the affiliating university with the introduction of CBCS since June 2011. Those faculty members appointed as paper setter and examiner are also participating in university examination process.

At institutional level under the leadership of head of the institution and examination committee every faculty member is assigned examination duty of block supervisor, senior supervisor and reliever.

The members of examination committees monitor and observe all examination blocks through CCTV and give the instruction to block supervisor and students if required.

Senior supervisor are in continuous monitoring during internal and external exams.

The final evaluation and gradation of subjects of elective generics is done at the institutional level.

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

The H & HB Kotak Institute of Science follows the academic calendar of the affiliating university and evaluates the students through to internal tests. As mentioned earlier as an affiliated college we follow the rules and regulation of internal evaluation provided by affiliating Saurashtra University.

The H & HB Kotak Institute of Science has been transparent in its internal evaluation. Once an examination conducted, the assessed answer books are kept in departmental strong room and marks are put up on the notice board and also taking sign of students. The students are allowed to draw the attention of the admin office if he is not satisfied with marks or find any mistake in mark sheet. The answer books are shown to the students if they demand.

The H & HB Kotak Institute of Science has a meteoric mechanism where weak students are supported by their mentor. Concern faculty member provides study materials to support the weak students. We take additional test for those who could not give the exam due to illness or any other unavoidable circumstances.

According to the affiliating university exam pattern 30 % weightage is given to the internal evaluation. There is complete transparency in the internal assessment. All students are familiar about the transparency in internal evaluation. After preparing the evaluation report it is submitted by the concern faculty to departmental head and the same is submitted to Saurashtra University website.

The internal assessment of 30 marks is made by the faculty members on the bases of class attendance, class

assignment, classroom seminar / presentation and score in the return examination.

Self Study Report of H & HB Kotak Institute of Science

? To keep the assessment transparent and robust in terms of frequency and verity the H & HB Kotak Institute of Science has independent examination committee headed by senior faculty which looks after entire evaluation process independently free and fair.

? The institution has given separate room with strong room to examination committee. The examination committee under the leadership of head of the institution conducts meeting to decide examination schedule and gives instruction. The examination committee prepares exam schedule and appropriate sitting arrangement of the examinees.

? The examination committee makes arrangements of stationary and all exam related materials. The schedule of examination is displayed both on student notice board and institutional website.

? Fee exemption in additional test is given to the students who represented the institution in the events of NSS, NCC, Sports and cultural activities at inter college and inter university level.

File Description	Document
Any additional information	View Document

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

Response:

? The H & HB Kotak Institute of Science has functional grievances Redressal cell to address students' grievances. There is examination committee consist of senior faculty members which looks after internal evaluation process under the leadership of head of the institution.

? Any student can approach the faculty concerned for any exam related grievance. If the grievance is against university examination results, the institution assists students by helping them to apply them reassessment or rechecking to the office of the controller of the examination of the affiliated university through the administrative office of the college.

? The administrative staff under instructions of principal forwards application for the reassessment to the office of the controller of examination and follow it up regularly to ensure speedy Redressal of grievances.

? According to the prevailing norms students can apply for reassessment and rechecking within ten days of announcement of results. Student can also make demand for copy of his for her answer book under the right to information act of 2005.

? The university has independent system with reference to evaluation it offers rechecking and reassessment facilities at a nominal charge after the result are declared.

Self Study Report of H & HB Kotak Institute of Science

Evaluation mark sheets are displayed on university website and students' notice board. In case of any doubt or query students can approach examination committee for the clarification.

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

Response:

? The H & HB Kotak Institute of Science follow academic calendar of the Saurashtra University. In the beginning of the academic year the affiliating university provides academic calendar including the schedule of continuous internal evaluation. The affiliating university introduced Choice Based Credit System (CBCS) of evaluation form Jun 2011. The evaluation process can also be accessed from the affiliating university website.

? The rules and regulation regarding examination are communicated to students in the orientation programme. Information regarding the evaluation process is put up on the students' notice board and circulated it in every class and also communicated through intercom system. More over the faculty members inform their respective departmental students during classroom teaching. The same is also communicated to parents during the parents-teachers association meeting.

? The H & HB Kotak Institute of Science as an affiliated college to the Saurashtra University bound to follow rules and regulation regarding internal evaluation. Since the introduction of CBCS the college conducts internal test according to the question paper pattern adopted by the university.

? The university conducts the final exam that have 70 percent weightage. 30 percent weightage is for continuous internal evaluation entrusted to the college. 30percent of the marks given from written internal exam, percent reserve for obedience, discipline , attendance and remaining percent for assignment, classroom seminar, presentation and other creative activities. In CBCS the affiliating university has given freedom to colleges for the final evaluation of subjects of Elective Generic at college level.

? Under the semester system for internal evaluation college conducts one regular internal written test and an additional test for students who represented college in the events of Sports, NSS, NCC and cultural If they could not appear in the regular test. Before submission of final internal evaluation to the university it is displayed both on students' notice board and college website for any query.

File Description	Document
Link for Additional Information	View Document

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:

B.Sc.

Programme Outcomes:

The special subjects offered for this degree program are Chemistry, Physics, Mathematics, Statistics, Zoology and Botany.

The students at the time of graduation will be able to:

- Apply their knowledge of science in a variety of fields.
- Gain knowledge in one specific area of study and interest.
- Understand the local and global contexts.
- Relate scientific knowledge to current scenario.
- Apply correct methods of research, investigation and design to solve problems in various areas of science.
- Plan and implement projects, problems or investigations.
- Search, evaluate and manage scientific information and knowledge.
- Employ developed conceptual, analytical, quantitative and technical skills.
- Be able to correlate various science streams, locally and globally.
- Evaluate the role of science in addressing, solving and managing current issues facing local and global communities.
- Communicate ideas of and about science and technology ideas.

B.C.A.

Programme Outcomes:

- Effectively communicating computing concepts and solutions to bridge the gap between computing industry and business leaders to create and initiate innovation.
- Ability to use approximately system design notations and apply system design engineering process in order to design, plan and implement software systems.
- Preparing for a career in an information technology oriented business or industry or for graduate study in computer science or other scientific or technical fields.
- Ability to complete successfully to program small –to-mid-size programs on their own.
- Effectively utilizing the knowledge of computing principles and mathematics theory to develop sustainable solutions to current and future computing problems.
- Developing and implementing solution based system and/or process that address issues and/or

improve existing systems within a computing based industry.

B.Sc.- (Chemistry)

Program Specific Outcomes

- Creating interest in environmental issue.
- Increasing working knowledge of instruments.
- Obtaining the knowledge of pharmaceutical tables
- Social awareness about the quality of water.
- Increasing the practical skill of the students
- Awareness about plastic garbage.

B.Sc. Mathematics

Program Specific Outcomes

- Demonstrate basic manipulative skills in Mathematics courses.
- Apply the underlying unifying structures of mathematics (i.e. sets, relations and functions, logical structure) and the relationships among them.
- Demonstrate proficiency in writing proofs.
- Communicate mathematical ideas both orally and in writing.
- Investigate and apply mathematical problems and solutions in a variety of contexts related to science, technology, business and industry, and illustrate these solutions using symbolic, numeric, or graphical methods.
- Investigate and solve unfamiliar math problems.

B.Sc. (STATISTICS)

Program Specific Outcomes

1. Application of statistics in various walks of life.
2. Ability to apply various statistical tools to research problem.
3. Understanding how to collect, present, analyze and interpret the data.
4. Ability to analyze the data by using MS-Excel.
5. Knowing the statistical organizations.
6. Ability to build statistical knowledge.
7. Application of various distributions to real life situation.

B.Sc.- (Physics)

Program Specific Outcomes

1. Identifying and describing physical systems with their professional knowledge.
2. Developing their scientific intuition, ability and techniques to tackle problems either theoretical or experimental in nature.
3. Knowledge of general physics like sound, wave, friction, forces and laws of motion and use of mathematics.

POs, PSOs and COs are communicated.

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

Response:

Procedure for Attainment of Program Outcomes: POs are assessed through External examination of Saurashtra University. COs are assessed by the respective faculty through internal evaluation. Students take their tests of internal evaluation. The internal evaluation weightage of 30 % is divided in three parts –

- (1) 10 % for classroom MCQ test
- (2) 10 % Assignment
- (3) 10 % seminar presentation and quiz or Assignment (For final year student)

Student has to score minimum 12 marks out of 30 marks to get through to be eligible for the university exam.

To measure the attainment college follows the evaluation system designed by the university. Faculty of each subject set questions of MCQ to assess COs and PSOs.

With the help of Seminar presentation and Quiz or Assignment some COs are assessed.

2.6.3 Average pass percentage of Students

Response: 77.78

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Response: 301

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Response: 387

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

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response: 3.06

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: 2

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	0	0	2	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: 0.06

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

Response: 2

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

Response: 33

File Description

Document

Supporting document from Funding Agency

[View Document](#)

Funding agency website URL

[View Document](#)

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:**

College has not formally created Ecosystem. Even then College follows:

Use of Non-conventional energy :- The College uses non-conventional energy through Solar Energy System. This system is used to save electricity. The Solar panels are installed to reduce the load on main electric grid. The electricity is generated through it. The College is partially empanelled of Solar energy system.

Energy Conservation :- The college has made replaced many tube lights with LED lights to reduce the electricity consumption. The students as well as teachers take due care to switch off the lights and fans of the classrooms after being vacated. Air Condition are used during extreme hot condition only and whenever it is necessary. The College building is also constructed in such a way that natural lights and fresh air circulates through classrooms.

Water Harvesting :- College has a pit to harvest rain water. Rain water is used in Chemistry Laboratory for Practical. Distilled water is produced from the rain water in Botany Lab.

The Aqua guard is made available in the college. The waste water which comes out from Aqua Guard is used for garden. In the college campus, there are two tube wells. One is used for college campus. The rain water from the roofs of the college is percolated in the tube wells. During summer, feeders and water pots are kept at the appropriate places of the college. In NSS Annual camps, a lectures are delivered on 'Save Water, Save Life'. The college is taking efforts to sustain natural resources.

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

File Description	Document
e- copies of the letters of awards	View Document

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

Response: 0.17

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
8	3	9	4	4

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

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
0	0	0	00	0

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:

The extension activities are carried out through the following units:

NCC and NSS wing

Department of Chemistry

Special initiatives by the Institute

NSS wing

NSS wing of the institute volunteers for number of social awareness and welfare programmes every year. The unit organizes programmes on tree plantation, blood donation camp, health checkup camps, clean campaign, dustbin distribution etc. as a part of its regular activities. Student volunteers take part in public awareness campaign in rural areas. Activities regularly done by NSS wing also include: Traffic control, Literacy program for elderly, Cleanliness campaigns in local villages, Road shows highlighting wearing of helmets, Campus cleaning,

Awareness programs on government welfare schemes like Swacch Bharat, Digital India, Aids prevention, Road safety, Gender issue, Blood donation camps etc.

NCC Unit

The NCC cadets have been representing the university at Republic Day parades every year.

The students are regularly participating in district, state and national camps including National

Integration Camps, Adventure camps, National Trekking Camp, International Coastal Clean-up,

Rally for River Rejuvenation, Youth Exchange Programme and other programmes. Patriotism,

sense of belongingness to the society and sensitiveness to the societal needs are inculcated through such camps.

Department of Chemistry

Soil Testing Laboratory of Chemistry department of the college is a type of unit which helps number of farmers in testing of the soil and preparing the soil cards for the same. Through scientific testing of the Soil, farmers are informed about the crops individuals should go for and also adopting scientific ways of farming for better agricultural products.

As a whole, the Institute contributes to the holistic development of students and there by to the process of nation building.

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

Response: 0

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
0	0	0	0	0

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: 17

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
8	4	2	1	2

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

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: 64.41

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
1000	1000	500	250	500

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	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: 150

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
30	30	30	30	30

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Copies of collaboration	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: 0

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
0	0	0	0	0

File Description	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 a well-expanded institution catering to students' all adequate facilities as per minimum requirement specified by statutory bodies. The institution was established on 16th Dec 1937. The College is situated on a 122632 Sq.Mt. of campus with built-up area of 3303 Sq.Mt. There are various buildings for different subjects.

INSTITUTE FACILITIES

ADMINISTRATIVE BLOCK

SR NO	DETAILS	NUMBER
1	PRINCIPAL OFFICE	1
2	IFMS ROOM	1
3	ACCOUNT BRANCH	1
4	ESTABLISHMENT & STUDENT BRANCH	1

BOTANY DEPARTMENT

SR NO	DETAILS	NUMBER
1	LABORATORY	1+1 Multipurpose LAB
2	CLASS ROOM	1
3	HOD ROOM	1
4	LAB ASSISTANT ROOM	1
5	STAFF ROOM	1
6	INSTRUMENT ROOM	1
7	TISSUE CULTURE CHAMBER	1

ZOOLOGY DEPARTMENT

SR NO	DETAILS	NUMBER
1	LABORATORY	2

2	CLASS ROOM	1
3	HOD ROOM	1
4	LAB ASSISTANT ROOM	1
5	STAFF ROOM	1
6	STORE ROOM	1
7	MUSEUM	1
8	CURATOR ROOM	1

CHEMISTRY DEPARTMENT

SR NO	DETAILS	NUMBER
1	LABORATORY	4
2	CLASS ROOM	COMMON
3	HOD ROOM	1
4	LAB ASSISTANT ROOM	1
5	ACID ROOM	1
6	GAS ROOM	1
7	LAB PREPRATION ROOM	1
8	STAFF ROOM	1
9	STORE ROOM	1

PHYSICS DEPARTMENT

SR NO	DETAILS	NUMBER
1	LABORATORY	4
2	CLASS ROOM	1
3	HOD ROOM	1
4	LAB ASSISTANT ROOM	1
5	DARK ROOM	1
6	MECHANIC ROOM	1

7	STAFF ROOM	1
8	STORE ROOM	1

STATISTICS DEPARTMENT

SR NO	DETAILS	NUMBER
1	COMPUTER LABORATORY	1
2	CLASS ROOM	COMMON
3	HOD ROOM	COMMON
4	STAFF ROOM	COMMON

MATHS DEPARTMENT

SR NO	DETAILS	NUMBER
1	DELL LABORATORY	1
2	CLASS ROOM	COMMON
3	HOD ROOM	COMMON
4	STAFF ROOM	COMMON

ENGLISH DEPARTMET

SR NO	DETAILS	NUMBER
1	CLASS ROOM	COMMON
2	HOD ROOM	COMMON

BCA DEPARTMET

SR NO	DETAILS	NUMBER

1	LABORATORY	1
2	CLASS ROOM	2
3	STAFF ROOM	1

OTHER FACILITIES

SR NO	DETAILS	NUMBER
1	NSS OFFICE	1
2	NCC PARADE GROUND	1
3	LIBRARY	1
4	SOIL TESTING LAB	1
5	RESEARCH & DEVELOPMENT BUILDING	1
6	PWD SITE OFFICE	1
7	PRINCIPAL BUNGLOW	1
8	NCC QUARTER	1
9	RO PLANT	2
10	AQUAGUARD	3
11	WATER COOLER	3
	RAIN WATER HARVESTING TANK	1
	SPORTS ROOM & PLAY GROUND	1

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, games and cultural activities to the students.

Our institution has huge playground for outdoor games. 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 and national level tournaments.

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

LMS, etc

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 10

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: 23.05

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
6.81702	1.12817	200.00	0	0

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	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:

Library Automation

Name of ILMS software: SOUL – 2.0 (INFLIBNET – GOVT. OF INDIA)

Nature of automation: Partially Automated

Version: SOUL – 2.0 (College Version)

Total Seating Capacity: 50

Timings: The library remains open on all college working days. Library timings are 10:30 to 17:30

Layout of the Library

Library Collection:

Sr. No.	Type of Collection	Yes/ No	No.
1	Books	Yes	23192
2	CD& DVD	Yes	9
3	Journals	No	---
4	E-Books	No	---
5	E-Journals	No	---
6	Digital Database	No	---

Total Collection of Books: 23192

Sr. No.	Head of the Register	No. of Books
1	Book Bank	3888
2	P.G.	521
3	General Reg.	14453
4	UGC	4330

Subject Wise Book Collection:

Register	Language	Mathematics	Physics	Chemistry	Biology	Literature	Total	Total
General	English	1394	1180	1182	1558	1636	6950	14453
	Gujarati	1073	1481	1589	529	1890	6562	
	Hindi	6	2	4	1	928	941	
UGC	English	718	913	773	810	228	3442	4330
	Gujarati	113	208	276	140	60	797	
	Hindi	0	0	2	0	89	91	
Book Bank	English	105	30	76	67	24	302	3888
	Gujarati	843	953	991	799	0	3586	

	Hindi	0	0	0	0	0	0	
P.G.	English	72	134	204	111	0	521	521
	Gujarati	0	0	0	0	0	0	
	Hindi	0	0	0	0	0	0	
Total		4324	4901	5097	4015	4855	23192	23192

Library Services:

- Book and Serials Issue- Return
- Reference
- Question Bank
- New Arrivals Display
- User Orientation and Guidance
- Competitive Exam Guidance
- Reading Room
- Swami Vivekanand Knowledge Centre
- News Paper Clipping
- Chess Club

Library Extension Activities:

- Book Exhibition and Reading
- Essay Competition
- Elocution
- Quiz Competition
- Library reorganization with the help of student's support
- Library has ILMS named SOUL 2.0.
- Data entry is going on in excel to append in the software.

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

The college library has no rare books, manuscripts, special reports in collection, never the less the library is well equipped with the necessary syllabus texts, reference texts, literary works in a couple of languages and competitive exam texts. Computers with internet and wi-fi facility are available in the library and students and staff can access freely downloaded manuscripts and rare books through internet for study purpose. The college library always tries to enrich its knowledge resources collection.

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: A. Any 4 of the above

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

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

Response: 0.31

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
0	0.7817	0.0843	0.70727	0

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	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: 3.55

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

Response: 38

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:

College has around 91 computers with internet facility for students and staff members. Each department is also facilitated with computer system with internet facility. College campus is fully Wi-Fi enabled and this facility is freely available to the faculty and students. The College has further plans to develop its digital capacity by adding many more 20 computers. The College library has computer facilities as e-resource corner for students. The strengthening and expansion of digital capacity will help to conduct online examinations, attendance, notice circulation, paper less admission procedure. Most of the computers have antivirus facility. College always encouraging the use of technology for purpose of teaching and learning. College has NAMO WiFi facility having 100 mbps speed. Students also use tablets for teaching and learning purpose. College has two Computer Laboratories with 52 computers having internet and LAN facility. Maintenance of Computers is done whenever required. College always updates computer systems. Old computers are discarded and replaced by new computers.

4.3.2 Student - Computer ratio

Response: 11.4

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: >=50 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:** 8.85

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
2.52	2.20	2.76	2.615	0.18

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	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 college is government college therefore we have established a system for the maintenance of the College infrastructure by Road and Building Department of Government of Gujarat..The College development committee ensures that enough UGC grants and funds are allocated and then utilized for the maintenance. We have a committee to ensure optimum allocation and utilization of the available finance. It functions in following manner. Collect the suggestion regarding infrastructure maintenance from different sources. College development committee analyzes them. After analysis, College inform to R&B for repairing work. For development of new infrastructure project, College send proposal to various funding agencies like Commissionerate of Higher Education, Gujarat, Rashtriya Uchchatar Shiksha Abhiyan (RUSA) and University Grant Commission. Further financial expenses like electricity bill, telephone bill, municipality taxes and other academic expenses are made by the College from the funds provided by

Government of Gujarat. Cleaning of the classrooms and the laboratories are done with the efforts of the non-teaching staff and in major cases the College goes for the maintenance contract to local experts. Contract has been given for the maintenance of computers annually. ICT enabled Smart Class Rooms and the related systems are maintained with Gujarat Informatics Limited. Our College is Government college so for any maintenance we have to inform to R&B. The academic supporting facilities like library, laboratory, museum, botanical garden, gymnasium, College sports facilities, community hall are open not only to the College students but also to all the stakeholder in the surrounding with prior permission of the authority. A provision of the budget for the library maintenance is made by the College committee.

NAAC

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: 35.7

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
357	433	434	287	287

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	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

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
0	0	0	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

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: A. 7 or more of the above

File Description	Document
Details of capability enhancement and development schemes	View Document
Any additional information	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: 48.51

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
352	816	664	346	285

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

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

Response: 5.08

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
77	61	49	41	30

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: 5.07

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
5	38	4	5	13

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

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

Response: 62.85

5.2.2.1 Number of outgoing students progressing to higher education

Response: 225

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document
Any additional information	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: 6.67

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
1	0	0	0	0

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
3	0	0	0	0

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: 0

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
0	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:

Response: No Student Council in the colleges affiliated with Saurashtra university. Representation of academic/administrative bodies. Student representation and participation has been an integral part of academics various activities of the institute. Student representation is on the following committees:

IQAC

Committee for Prevention of Sexual Harassment

Sports Committee

All Departmental Association activities

Annual festivals are organized by students

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

Response: 15.2

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
13	23	13	14	13

File Description	Document
Report of the event	View Document
Number of sports and cultural activities / competitions organised per year	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:

College has not registered association of alumni. Some alumni participate on celebration of Independence day and Republic day every year. They share their experience to staff members. They discuss about development of the college. They give valuable inputs on the curriculum too. They remember their time as golden time and memorable. Whenever we call some alumni, they always come to the college. When they come they share their knowledge and experience with some students and staff members according to convenience. Their knowledge sharing very useful to the students for career building with values. As this college is government college, it does not accept financial support without permission of higher authority. Some alumni eventually meet and are willing to register and set up association formally.

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:

Being one of the oldest colleges for science in Saurashtra region, the key objective is to impart quality education to the students of nearby areas without any discrimination of caste, creed and culture to create self-reliant and self-dependent citizens. The college aims to give quality education and overall development of students. The college has made all the efforts to move forward in the direction to achieve its mission and vision.

The principal leads the academic and administrative affairs. The various committees and cells are formed to carry out co-curricular and extra-curricular activities to fulfill the stated vision and mission. The activities of different academic departments are supervised and executed by the respective heads and faculty of various departments, even the extra and co-curricular activities by the coordinators of the committees and the good governance are guided by the principal.

The perspective plan includes the activities related to vision of the college such as long term and short term goals which includes initiation of new courses, adoption of new methods for teaching, evaluation reforms, organization of national and international conferences/workshops, proposals for funding agencies, addition of infrastructure, management of human resources, MOUs, adoption of villages, extension programmes, student centered programmes, faculty development programmes and other activities.

6.1.2 The institution practices decentralization and participative management

Response:

The principal, IQAC coordinator and senior faculty members play a vital role in policy decisions. As and when any important decision regarding institute is taken meeting is conducted with the entire teaching and non-teaching staff members, there by invite suggestions from all. Oral feedback from the parents is taken every year and their suggestions are honored.

As a case the principal and the IQAC coordinator planned for NAAC preparation and conducted meetings with staff members to explain the key-indicators of all criteria to collect data from each department and compile it for AQAR and SSR in given format. Thus, maximum staff members contributed to the common cause of the college and the principles of decentralization and participation were executed.

The principal constitutes different committees at the beginning of each academic year and all teaching and non-teaching staff work as the committee members. These committees are as follows:

- Admission Committee

- IQAC

- Time-table Committee
- RUSA Committee
- DELL Committee
- AAA Committee
- IT Committee
- Soil Testing Committee
- E-Waste Management Committee
- Library Committee
- UGC Committee
- RTI Committee
- Saptadhara Committee

- Grievances Redressal Cell
- Women Development Cell
- Anti Ragging Cell
- NSS
- NCC
- Sports
- BCA

6.2 Strategy Development and Deployment

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

Response:

The college follows the government norms and policy. Though B.C.A. is a self-finance programme, the college offers at nominal fees. The college has taken utmost care to provide qualified faculties to its students and accordingly promotes the progression of its faculties to attend the faculty development programmes.

The Perspective/Strategic Plan and its Deployment is as below :

- Development, maintenance and augmentation of infrastructure: Physical and IT.
- More classrooms and ICT enabled classrooms.
- Introduction of new programmes, vocational and soft skill development courses under RUSA components.
- Online admission process for all the semesters.
- Office and library automation.
- Provision of required facilities for Divyang students.
- Extensive usage of solar energy.
- Cleanliness and beautification of the campus.
- Facilities for indoor games and sports.
- Auditorium.
- Rest rooms for staff and students.
- Parking facility.
- Staff room and staff recreation club.
- Development of Botanical garden.

Collaboration with other higher education institutions

File Description	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:

This college is managed by State Government of Gujarat. All strategic and policy related decisions are taken by the Commissioner of Higher Education and principal. While taking prime decisions regarding functioning of the institution to achieve its targeted objectives collective view of the staff members are also invited. Regular functioning of the college is monitored by the principal through IQAC.

The principal is the signatory authority and has been authorized to take all executive and strategic decisions and the rest of the members are abiding.

Administrative setup and functions are as below:

1) Head Clerk (Establishment): co-ordinates and supervises the smooth functioning of administrative work.

2) Head Clerk (Accountant): keeps the record of all financial transactions and shoulders the responsibility, utilization of various grants and conducting internal and external audit in time.

3) Junior Clerks: they are assigned duties related to student branch.

Service rules and procedure:

This college adheres all service rules, regulation and procedures of recruitment and promotions of teaching faculty implemented by UGC and the office of Commissioner of Higher Education, Government of Gujarat.

Grievance Redressal Mechanism:

The college has functional Grievances Redressal Cell consisting of senior faculty members of teaching and non-teaching staff. No such grievance from staff members registered to the cell till date because of the good and intact harmony among staff members.

Grievance box is kept for students which is opened in every fortnight and if any grievance is found, then it is registered. The cell listens to the grievances of the students and if parents are needed to talk then and then they are called.

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:

For the development of the college, various cells and committees are formed to conduct all the activities. On the first and the last day of the semester a common meeting of all the staff members is held to plan their academic schedule both for curricular and co-curricular activities. All the meetings are minutised. Innovative suggestions are encouraged and implemented.

Admission committee for all the semesters are formed by the principal and admission related policies and process are defined unanimously. For example, the admission process of B.Sc. Sem-1 in academic year 2014-15, Saurashtra University implemented central admission process for Science faculty, the college followed it and then following the instructions of the university and students were given admission on merit. In 2017-18, the college has introduced online admission for B.Sc. Sem-1 and followed the Government of India's initiative cash less transactions. The college offers eight combinations of courses in B.Sc.

6.3 Faculty Empowerment Strategies

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

Response:

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

Year	2013-14	2014-15	2015-16	2016-17	2017-18
Number	0	1	0	2	0
Percentage per year	0	3.125	0	6.25	0

Year	Name of teacher	Name of conference/workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount	of sup
2013-14	Dr. N. K. Ajudia	International conference on special functions and their applications		4868	
2014-15	Dr. M. K. Kansagara	Orientation Programme	UGC, HRDC, Nainital	500	
2015-16					
2016-17	Dr. N. K. Ajudia	Refresher Course	UGC, HRDC, Kolkata	1000	
	Dr. M. K. Kansagara	Refresher Course	UGC, HRDC, Pondicherry	1000	
2017-18					

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: 2.51

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	2	2	0

File Description	Document
Details of teachers provided with financial support to attend conferences, workshops etc. during the last five years	View Document
Any additional information	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: 0.8

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	2	1	0	0

File Description	Document
Reports of Academic Staff College or similar centers	View Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	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: 82.64

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
32	30	30	28	14

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	View 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:

To evaluate the performance of the faculty in teaching and non-teaching staff of the institute, the mechanism of self-appraisal system is executed on the basis of the norms of UGC is followed. Both formal and informal means are used for evaluating the performance of the teaching and non-teaching staff of the institute. The institute tutor each and every faculty to submit his/her self-appraisal reports signifying the work-load, participation in various seminars, conferences, workshops and symposia and involvement in curricular, extra-curricular and extension activities.

- The formal mechanisms for the evaluation of the Performance of the faculty are self- appraisal report and feedback by Students.
- The informal mechanisms is done through surprise visits to the class by the Principal and casual conversations with students, parents, alumni and colleagues are used to assess the performance of the staff.
- The office work systemically distributed among the non-teaching staff by the Principal, supervised by the office superintendent and submits their self

appraisal to Principal.

- Principal of the institution collects, verify CR of the all faculty members in prescribed format given by Government of Gujarat at the end of the academic year (31st March), and give remarks for the same and forward it to Commissioner of Higher Education Gandhinagar.

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Institution conducts internal and external financial audits regularly

The college accounts are audited regularly by both internal and external auditors. The internal audit is conducted by registered chartered accountant and external audit is conducted by Higher Education Department, Government of Gujarat and by Account General office. KCG means Knowledge Consortium of Gujarat, Higher Education Department. The various grants are audited as follows :

Sr. No	Funding Agency	Scheme	Audited	
			Internal	External
1	Govt. of Gujarat	Salary and Arrears of employees		External
2	KCG	SAPTADHARA	Internal	
3	KCG	UDISA	Internal	
4		NSS	Internal	
5	KCG	RUSA	Internal	
6	State and Central govt.	NMEICT	Internal	
7	Govt. of Gujarat	RKYC	Internal	
8	KCG	Security and Servallance	Internal	
9	KCG	Cleaning and Maintanance	Internal	
10	UGC	IQAC	Internal	
11	KCG	NAAC	Internal	
12	Saurashtra University	Examination Remuneration	Saurashtra University	

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
Any additional information	View Document
Annual statements of accounts	View Document

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

Response:

- College estimates amount of grants needed and applies to government for grant. CHE –Commissioner of Higher Education considers the grant as per need. CHE disburses the grant to Treasury office of government of Gujarat under its Head of the college.
- The college, governed by Government of Gujarat has a well formulated financial policy, which ensures budget is prepared well in advance after taking into consideration the requirements of every department. Every department is expected to provide a list of requirements such as equipment, computers, instruments as well as consumables required for the every academic session. Accountant prepares budget of the college according to requirement of the college and is sent to the DHE for further consideration and sanction.
- The Principal forms a Purchase Committee for fund mobilization as per the government purchase procedure. The Purchase committee works on the requirements and decides the priorities while allotting grant and ensures the optimum use of the available financial resources.
- The Purchase Committee studies the annual expenditure, scrutinizes the budget and provides opinion for efficient use of financial resources before making major purchases of equipment, a purchase.
- Committee ensures that the correct equipment with the right specifications is procured at the best prices.
- Books, journals and reference books are purchased for undergraduate, competitive classes from special library grant given by director of higher education government of Gujarat.
- College strictly adheres the Government Purchase Policy for optimal utilization.

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:

The IQAC has implemented a number of initiatives in order to improve the overall quality of the college.

- Every year an Orientation Program is conducted for new students who step into college life after schooling. They are guided about the teaching methods and practical in their respective subjects as per time-table schedule, internal and external examination system, regularity in classroom, use of library and internet for academic work, participation in extension activities like NCC, NSS, Sports, University Sports and Youth Festivals, Saptadhara activities of college, Preparation for competitive exams and other government initiatives.
- IQAC has started a Learning Level Test for new comers and instructed the departments to take a special care of slow learners through remedial coaching and extra guidance.
- IQAC has proposed the English department of the college to conduct English Proficiency classes for new comers to enable them to study in English medium B.Sc. program after schooling in regional language.
- College has started online admission process under the guidance of IQAC for two years but the

college has been practicing very transparent and choice based flexible admission system in final year for the choice of the specific program on the basis of prior performance in earlier semesters since last six years.

- IQAC conducted a 'Chintan Shibir' at Junagadh in the midst of natural surroundings for all staff to discuss the role of IQAC for quality enhancement of higher education.
- IQAC has also initiated a two days workshop for 3S Space Technology in Higher Education in collaboration with Indian Society of Geomatics in February 2017.
- Another three days workshop was conducted for 'How to Write Research Project Proposal'
- IQAC keeps monitoring the routine activities of the college for better performance.

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:

1. Review & Suggestion:

IQAC monitored teacher student ratio and found it falling short. IQAC found need of teachers and suggested the principal to appoint visiting faculty in some department to complete syllabus.

Implementation:

On the basis of recommendation of IQAC, principal sanctioned appointments of visiting lecturers in Mathematics, Statistics, Zoology, Physics departments as per requirement so that syllabus will be completed as per calendar of the university and Institution.

2) Review & Suggestion:

IQAC found inadequate projectors for the use of ICT in teaching and suggested the principal to increase the number of projectors.

Implementation:

On the basis of recommendation of IQAC, principal sanctioned the purchase of projectors for classroom teaching.

3) Review & Suggestion:

IQAC found requirement of Neckband PA System (Mike Sound System) for teachers as their voice is not audible continuously at the last rows in the big classroom.

Implementation:

On the basis of recommendation, the principal sanctioned the purchase of Neckband

PA Systems (Mike Sound Systems) for all the departments.

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year**Response:** 0**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
0	0	0	0	0

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
Any additional information	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:**

Post accreditation quality initiations:

- College follows CBCS and semester system for three years degree course B.Sc. and B.C.A.
- There is continuous internal evaluation system for examination besides annual theory and practical exams. Project work is also done at graduation level.
- B.Sc. and B.C.A. both programs run in English medium.
- There is a gradual increase in intake of students as more and more students are interested in pure science.
- All faculty are recruited through Public Service Commission as per UGC norms of eligibility.
- There are more faculty with Ph.D. degree and NET /SLET. A few Minor Research Projects have been undertaken by faculty.
- Use of ICT is introduced in teaching as well as in administrative works.
- A large number of books have been taken in library from UGC grant.
- New equipments and other facilities have increased in laboratories as per the requirement of syllabus.
- College has an active website.
- College has Digital Education & Learning Laboratory.
- B.C.A. self finance program introduced in 2009-10.
- Department of Physical Education developed. Hence students' participation increased at the university, state and national level in various sports.
- Students are doing a vocational program of the state government for the benefit of the farmers by micro nutrient soil testing in college since 2011.
- Introduced NCC in 2013 for boys and girls cadets.

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: 9

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
1	4	2	1	1

File Description	Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	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:

To sensitize the students to various dimensions of gender discrimination and also engage students in such programs and activities which motivate girls to empower themselves. One committee for women cell has been established.

Functions of the committee.

1. To guide and counsel girls students of the college.

1. Visit of gynecologist and solving health issue of female staff.

1. Expert lecture on awareness about HIV and AIDS.

1. To arrange lectures to promote awareness among the female students.

1. Lecture on awareness of laws for women.

1. To arrange lectures & training program on self-defense and safety.

1. To arrange lectures on cleanliness, health and fitness and diet and exercise.

As a citizen of India it is our prime most duty to preserve the values of equality, liberty, and justice and as an academician to make student aware about it. As a part of it college have organized following programs.

- Debates on different topics related to gender discrimination.
- Arranges awareness program for girls.
- Painting competition on gender sensitive topics.
- Arranged essay writing competition on Gender discrimination
-
- Arranges awareness programs for prevention of domestic violence, Women related constitutional laws, civil, economical and political rights, human rights in general.
- Lectures on women safety, security and self defense.
-
-
- International women day celebration.

Our colleg has a common room for girl students to seat when free time and above activities.

As a citizen of India it is our prime most duty to preserve the values of equality, liberty, and justice and as an academicians to make student aware about it. As a part of it college have organized following programs.

- Debates on different topics related to gender discrimination.
- Arranges awareness program for girls.
- Painting competition on gender sensitive topics.
- Arranged essay writing competition on Gender discrimination
-
- Arranges awareness programs for prevention of domestic violence, Women related constitutional laws, civil, economical and political rights, human rights in general.
- Lectures on women safety, security and self defense.
-
-
- International women day celebration.

Our college has a common room for girl students to seat when free time and above activities.

7.1.3 Alternate Energy initiatives such as:

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

Response: 96.19

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

Response: 14500

7.1.3.2 Total annual power requirement (in KWH)

Response: 15074

File Description	Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Response: 10.47

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

Response: 1.59

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 15.18

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document
Any additional information	View Document

7.1.5 Waste Management steps including:

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

Response:

The most easier method of waste management is to reduce creation of waste materials thereby reducing the amount of generated non biodegradable waste.

Solid waste management:-

Dustbins are placed at every department to collect generated waste. Many Labours are appointed to collect waste from different departments and college campus. Disposal of this waste is collected in disposal big garbage bins There are two types of bins, one for dry waste and another for wet. Generated waste is periodically collected by municipal corporation. Paper waste from College is collected from different departments and transported to a paper stock dealer for recycling purpose.

Liquid waste management:-

Waste water sent to water drainage system provided by municipal corporation.

E-waste management:-

Reuse of most of the electronic equipments and other materials whenever possible. After the end of lifetime, computers and their accessories are sold as scrap to the authorised vendors in a proper way.

7.1.6 Rain water harvesting structures and utilization in the campus

Response:

The rain water is harvested from the College building in the campus and collected into the underground tanks. The Students are made aware of the need for conservation of water and the information regarding it continuously displayed in the form of banners, charts, posters etc. Subsequently, floor boards are applied at all water taps for the conservation of water.

The College building terrace is constructed in such a way that water from the rain comes out either in plant area for pouring or drained into water well for harvesting purpose. Rain water is collected and used as distilled water by laboratories throughout the year in science department. Institute campus has large built up area to conserve and harvest the rainwater. Rain water from College is also collected in a pit in the garden which goes to earth.

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:

Some students and staff members are using bicycles. Students who commute are using public transport local students use auto on sharing base.

--- College organizes programs on plastic free campus and make students aware about the hazards of plastic materials. we also suggest students to use recycled or biodegradable material.

--- The students and staff members of college are aware about the importance of electricity , so we use minimum electricity and try to save electricity.

--- Our college is working in the direction to make paperless office as apart of that admission procedure is made online for first year students.

--- To generate green energy ,our college has installed solar panel power plant with approximate capacity of 10KW.

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**Response:** 3.79

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
0.74	0.75	7.05	0.75	0.75

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](#)

link to photos and videos of facilities for Divyangjan

[View Document](#)

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**Response:** 0

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
0	0	0	0	0

File Description**Document**

Number of Specific initiatives to address locational advantages and disadvantages

[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:** 8

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
2	3	1	1	1

File Description**Document**

Report of the event

[View Document](#)**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
Any additional information	View 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:** Yes

File Description	Document
Any additional information	View Document
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document

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
Any additional information	View 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: 2

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
0	1	0	0	1

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

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

Response:

Year	Yes/No	Sr No	Title of the programme	Number of participant
2013-2014	Yes	1	Independence day Celebration	150
		2	Republic Day Celebration	200
		3	Teachers Day Celebration	All students
		4	Swami Vivekanad Jayanti	-

2014-2015	Yes	5	Gandhi Jayanti	-
		6	Gurupurnima	-
		7	Navaratri Celebration	-
		1	Independence day Celebration	150
		2	Republic Day Celebration	200
		3	Teachers Day Celebration	All students
		4	Swami Vivekanad Jayanti	-
2015-2016	Yes	5	Gandhi Jayanti	-
		6	Gurupurnima	-
		7	Navaratri Celebration	-
		1	Independence day Celebration	150
		2	Republic Day Celebration	200
		3	Teachers Day Celebration	All students
		4	Swami Vivekanad Jayanti	-
2016-2017	Yes	5	Gandhi Jayanti	-
		6	Gurupurnima	-
		7	Navaratri Celebration	-
		1	Independence day Celebration	150
		2	Republic Day Celebration	200
		3	Teachers Day Celebration	All students
		4	Swami Vivekanad Jayanti	-
2017-2018	Yes	5	Gandhi Jayanti	-
		6	Gurupurnima	-
		7	Navaratri Celebration	-
		1	Independence day Celebration	150
		2	Republic Day Celebration	200
		3	Teachers Day Celebration	All students
		4	Swami Vivekanad Jayanti	-

	3	Teachers Day Celebration	All students
	4	Swami Vivekanad Jayanti	-
	5	Gandhi Jayanti	-
	6	Gurupurnima	-
	7	Navaratri Celebration	-

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

Response:

Financial:- Under the direct supervision of the head of the institution all financial transactions are done according to the standing rules of audit and accounts and annually internal and external audit is done to keep transparency. As a part of financial transparency and digital transactions our college have started online fee collection facility for students from 2017-18. Amount of fee is also as per the university rules and regulations.

Academic:- All academic functions/programmes are under the rules, regulations and guidelines provided by UGC, MHRD, State Government and concerned university are implemented in letters and spirit. Time to time implementation of new G.R. and circulars of concerned authority has been done.

Administrative:- All academic and administrative issues are addressed and carried out according to the regulations and ordinance of the concerned university, G.R. and circulars of the State Government. College have an online admission process as per the concerned University ordinance. Reservation policy decided by the state Government for admission has been implemented accordingly. And no student of reserve category deprived of admission opportunity.

Auxiliary functions:- Besides academic, administrative and finance all other auxiliary functions are also performed with full transparency by the college.

The entire financial, administrative, academic functions of the college are looked after by the IQAC cell of the college.

7.2 Best Practices

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

Response:

1.

Title:**SOIL TESTING BY COLLEGE STUDENTS****Goal:**

To help farmers to improve quality of soil.

Context:

Soil sampling is perhaps the most vital step for any soil analysis. As a very small fraction of the huge soil mass is used for analysis, it becomes extremely important to get a truly representative soil sample of the field. Soil test based nutrient management has emerged as a key issue in efforts to increase

agricultural productivity and production since optimal use of nutrients, based on soil analysis can improve crop productivity and minimize wastage of these nutrients, thus minimizing impact on environmental leading to bias through optimal production. Deficiencies of primary, secondary and micronutrients have been observed in intensive cultivated areas.

Practice:

H&HB Kotak Institute of Science, Rajkot, with the help of students, conducts five tests to ascertain soil composition. Agriculture department of Gujarat provides samples of soil. College has its separate laboratory for special project where college students test the samples before and after study hours. Student can learn and earn approx Rs.6000 per semester. Chemistry, Botany departments take care of this project. Of the Rs 80 a college gets for each sample, Rs 20 goes to the student who does soil analysis.

Success:

As it was the new project of soil testing in Science Colleges many colleges had not its laboratory. Our college set up systemized laboratory and made it exemplary for others. College has been practicing the soil test since 2010 and tested big number samples till 2016. Our college has tested highest number of samples among science colleges of Gujarat state. Each student earns Rs.20 per sample.

Problem encountered and resources required:

Initially, the college staff was unaware of the agriculture department's procedure and that is why the college had sent some staff members for its training in the agriculture department. College needed funds to set up new laboratory and the staff who can work there other than college hours. College had to encourage students and staff in the beginning to dedicate their time for setup. One time fund was provided by the agriculture department for lab setup. As it started to run smoothly and successfully all the other students took interest in and staff also joined in the project. Presently it is running very well.

2.

Title:

RAINWATER HARVESTING

Goal:

To store and recycle the rain water

Context:

Water is an important natural resource and is the very basis of our life. We use water for drinking, irrigation, industry, transport and for the production of hydro-electricity. Water is a cyclic resource which can be used again and again after cleaning. The best way to conserve water is its judicious use.

Rain water harvesting is one of the most effective methods of water management and water conservation. It is the term used to indicate the collection and storage of rain water used for human, animals and plant needs. It involves collection and storage of rain water at surface or in sub-surface aquifer, before it is lost as surface run off. The augmented resource can be harvested in the time of need.

Practice:

The college has rainwater harvesting pits, to prevent water from going to waste during periods of rainfall. These are placed at various locations on the college campus, and are properly covered to avoid having stagnant water in the open.

A water harvest tank with the capacity of thousands liters of water has been constructed to hold rain water from Chemistry Building of the college. This water serves to manage distilled water to the Chemistry laboratories for a whole year. The facility has been constructed adhering to government norms on hygiene.

Success:

College does not need to buy distilled water for experiments of practical of teaching in the laboratories.

Problem encountered and resources required:

The pits need to be rebuilt in the college campus and the tank needs to renovate periodically. Students prepare pits as a part of extra-curricular activities. Financial fund can be utilized to renovation of the huge tank.

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:

- One of the oldest science colleges in Saurashtra region (Since 1937).
- The college located at the heart of Rajkot city at the prime location Dr. Yagnik Road, which is easy to locate and frequent transportation is available from any place.
- Vast green campus.
- The college is having huge multipurpose playground.
- Qualified Teaching Staff:
 - Permanent: 28 (64.3% Ph.D., 4-NET, 2-GSET, 1-GATE)
 - Contractual: 04 (100 % Ph.D., 1-GSET)
- Online admission system for B. Sc. semester-I as per government rules based on merit only.
- Merit based unique admission process for B. Sc. Semester-V.
- It's a government college so the education fee is the least for the students. Tuition fee is waived for the female students.
- The college has twelve laboratories in working condition.
- Statistics subject is offered in the college which is the only centre in Saurashtra region.
- Offering BCA as a self-finance course.

Soil Testing Project of Agriculture Department of the State Government.

5. CONCLUSION

Additional Information :

College NCC since 2013-14 is a boon to the SD & SW (Boys & Girls) cadets. Many cadets have been selected in jobs in defence during the last five years. Cadets are part of college Discipline Committee also.

Finishing School initiative is a skill development program started from 2016-17 in college for final year students to develop various skills like communication skill, interview and life skills to equip them with better attributes of personality.

Every year students are guided for competitive exams and take part in Saurashtra University Competitive Awareness Test (SUCEAT) conducted in college.

College sports have shown good result since the appointment of PTI in college. Students have played from University at State and National level.

Botany Department carries National tour of final year students as Field Visit to study flora & fauna of various physical locations of India like Kerala, Madhya Pradesh, Assam, Meghalaya, Uttarakhand and various places in Gujarat too.

Students of Chemistry and Zoology visit industries, poultry farm, Forensic Laboratory and University Departments for field work experience and prepare projects on their basis.

Many students have been selected in National level Mathematics Training and Talent Search Program (MTTS) and join the month long program. The credit goes to Maths faculty for guidance.

Dr. Naimesh R. Desai, Associate Professor in Statistics, Dr. Rupal K. Trivedi, Associate Professor in Physics And Dr. Gaurang V. Ghodasara, Assistant Professor in Mathematics are working as Ph.D. Guides in their respective subjects. Very often faculty members go to various institutions as Resource persons for expert lectures.

College has a large campus with approximately 100 trees planted in the backyard. 'Field Marshal' company has taken the responsibility for green campus under Corporate Social Responsibility (CSR) and water the plants regularly at their own cost. College extends gratitude towards them.

Concluding Remarks :

- The college is run by the Government of Gujarat.
- Affiliated to Saurashtra University
- Having the status of 2f & 12 B.
- NAAC Accreditation 1st Cycle Result was B+ with the score of 780/1000 in 2007.
- Attention is given to Academic and extra curricular activities for all round development of students.
- Faculty members are selected by Gujarat Public Service Commission and appointed by Department of

Education through Commissioner of Higher Education. Therefore their job is transferable too.

- Well qualified faculty members as per UGC eligibility norms.
- Demand ratio for admission is very high.
- Online admission process, transparent and robust system.
- Selection process of core subject in semester-5 is done through a software prepared by our faculty member which is transparent and robust based on merit therefore there is no grievances for choice of subject since 2012.
- Students take admission from across Gujarat state as this is an old and reputed college.
- Laboratories are well equipped for science teaching.
- Pass Percentage of students is higher than that of university.
- Students of Chemistry get job easily after completing B.Sc. in Reliance Pvt Ltd and Pharmaceutical companies.
- Most of the students prefer to go for higher education like B.Ed. , M.Sc.
- Most of the students of reserved category receive scholarships from Government.
- College fee is lowest. Tuition fee is not charged from girls.
- college has active website and regularly updated.

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>10</td><td>10</td><td>10</td><td>10</td><td>8</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>9</td><td>9</td><td>9</td><td>9</td><td>7</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	10	10	10	10	8	2017-18	2016-17	2015-16	2014-15	2013-14	9	9	9	9	7																				
2017-18	2016-17	2015-16	2014-15	2013-14																																					
10	10	10	10	8																																					
2017-18	2016-17	2015-16	2014-15	2013-14																																					
9	9	9	9	7																																					
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>1037</td><td>1045</td><td>1025</td><td>1121</td><td>933</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>347</td><td>378</td><td>329</td><td>403</td><td>364</td></tr></table> <p>2.1.2.2. Number of sanctioned seats 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>1037</td><td>1045</td><td>1025</td><td>1121</td><td>934</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>1037</td><td>1045</td><td>1025</td><td>1121</td><td>934</td></tr></table> <p>Remark : DVV made the changes as per admission list of students provided by HEI.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	1037	1045	1025	1121	933	2017-18	2016-17	2015-16	2014-15	2013-14	347	378	329	403	364	2017-18	2016-17	2015-16	2014-15	2013-14	1037	1045	1025	1121	934	2017-18	2016-17	2015-16	2014-15	2013-14	1037	1045	1025	1121	934
2017-18	2016-17	2015-16	2014-15	2013-14																																					
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2.1.3	<p>Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years</p> <p>2.1.3.1. Number of actual students admitted from the reserved categories 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>103</td><td>118</td><td>118</td><td>118</td><td>118</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>325</td><td>418</td><td>359</td><td>391</td><td>332</td></tr></table> <p>Remark : DVV made the changes looking seats earmarked against the students admitted from reserved category.</p>	2017-18	2016-17	2015-16	2014-15	2013-14	103	118	118	118	118	2017-18	2016-17	2015-16	2014-15	2013-14	325	418	359	391	332
2017-18	2016-17	2015-16	2014-15	2013-14																	
103	118	118	118	118																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
325	418	359	391	332																	
2.3.2	<p>Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.</p> <p>2.3.2.1. Number of teachers using ICT</p> <p>Answer before DVV Verification : 33</p> <p>Answer after DVV Verification: 0</p> <p>Remark : Relevant document not provided by HEI.</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 : 38</p> <p>Answer after DVV Verification: 33</p> <p>Remark : As per HEI total number of full time teachers is 33.</p>																				
3.3.2	<p>The institution provides incentives to teachers who receive state, national and international recognition/awards</p> <p>Answer before DVV Verification : Yes</p> <p>Answer After DVV Verification: No</p> <p>Remark : DVV made the changes as per clarification provided by HEI.</p>																				
3.3.3	<p>Number of research papers per teacher in the Journals notified on UGC website during the last five years</p> <p>3.3.3.1. Number of research papers in the Journals notified on UGC website during the last five years</p>																				

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
19	10	11	47	7

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
8	3	9	4	4

Remark : DVV made the changes by not considering those journals which are not listed in UGC.

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
6	12	16	8	2

Answer After DVV Verification :

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

Remark : Relevant document not provided by HEI.

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
1	1	1	1	1

Answer After DVV Verification :

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

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
10	8	3	1	2

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
8	4	2	1	2

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

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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
0	0.78178	0.0843	0.70727	0

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0	0.7817	0.0843	0.70727	0

Remark : Highlighted extract for purchase of books and journals in audited statement for 2014-15, 2015-16 and 2016-17 not provided by HEI.

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 : 32

Answer after DVV Verification: 38

Remark : Dvv has made the changes as per average number of students using library on 10/1/2018 and 2/2/2018 in logbook.

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
2.52	2.20	2.76	2.615	3.34

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
2.52	2.20	2.76	2.615	0.18

5.2.1

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

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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
5	38	4	5	10

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
5	38	4	5	13

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
6	5	1	0	0

Answer After DVV Verification :

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

5.3.3

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

5.3.3.1. Number of sports and cultural activities / competitions organised at the institution level 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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24	34	30	34	27
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Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
13	23	13	14	13

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)

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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
12.39915	40.89140	83.33969	40.41276	46.39817

Answer After DVV Verification :

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

Remark : Relevant document not provided by HEI.

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

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

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
06	08	06	07	09

Answer After DVV Verification :

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

Remark : Relevant document not provided by HEI.

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
1	4	3	1	3

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
1	4	2	1	1

7.1.8

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

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)

Answer before DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
0.75	0.75	7.05	0.75	0.75

Answer After DVV Verification :

2017-18	2016-17	2015-16	2014-15	2013-14
0.74	0.75	7.05	0.75	0.75

Remark : Highlighted extract audited statement of expenditure on green initiatives and waste management of excluding salary duly signed by CA not provided by HEI for the year 2013-14, 2014-15, 2015-16, 2016-17 and 2017-18.

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

Answer before DVV Verification : B. At least 6 of the above

Answer After DVV Verification: D. At least 2 of the above

Remark : DVV made the changes as per clarifications provided by HEI.

7.1.10	<p>Number of Specific initiatives to address locational advantages and disadvantages during the last five years 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>
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2017-18	2016-17	2015-16	2014-15	2013-14
3	4	3	2	2

Answer After DVV Verification :

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

7.1.11	<p>Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)</p> <p>7.1.11.1. Number of initiatives taken to engage with and contribute to local community 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>2</td><td>0</td><td>3</td><td>1</td><td>2</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>2</td><td>3</td><td>1</td><td>1</td><td>1</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	2	0	3	1	2	2017-18	2016-17	2015-16	2014-15	2013-14	2	3	1	1	1
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	0	3	1	2																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	3	1	1	1																	
7.1.17	<p>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</p> <p>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</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>2</td><td>2</td><td>2</td><td>1</td><td>2</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>0</td><td>1</td><td>0</td><td>0</td><td>1</td></tr></table>	2017-18	2016-17	2015-16	2014-15	2013-14	2	2	2	1	2	2017-18	2016-17	2015-16	2014-15	2013-14	0	1	0	0	1
2017-18	2016-17	2015-16	2014-15	2013-14																	
2	2	2	1	2																	
2017-18	2016-17	2015-16	2014-15	2013-14																	
0	1	0	0	1																	

2.Extended Profile Deviations

ID	Extended Questions
1.2	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
118	118	118	118	118

Answer After DVV Verification:

2017-18	2016-17	2015-16	2014-15	2013-14
498	503	491	538	447