



Yearly Status Report - 2019-2020

Part A

Data of the Institution

1. Name of the Institution		GOVERNMENT SCIENCE COLLEGE
Name of the head of the Institution		Dr M. G. Bhatt (From 09/03/2019 Onwards)
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		07923222352
Mobile no.		9426737221
Registered Email		prin-gscgandhinagar@gujgov.edu.in
Alternate Email		gscgnr@gmail.com
Address		Government Science College, Sector 15, G - Road Nr. Mahatma Mandir, Gandhinagar
City/Town		Gandhinagar
State/UT		Gujarat

Pincode	382016																								
2. Institutional Status																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Semi-urban																								
Financial Status	state																								
Name of the IQAC co-ordinator/Director	Dr Chetan K. Chauhan (From 31/12/2016)																								
Phone no/Alternate Phone no.	07923222352																								
Mobile no.	9825765981																								
Registered Email	iqacgscgnr3@gmail.com																								
Alternate Email	gscgnr@gmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	https://www.gscgandhinagar.in/view-pdf?id=12																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.gscgandhinagar.in/view-pdf?id=163																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>2.53</td> <td>2010</td> <td>28-Mar-2010</td> <td>27-Mar-2015</td> </tr> <tr> <td>2</td> <td>B+</td> <td>2.69</td> <td>2017</td> <td>09-Jun-2017</td> <td>08-Jun-2022</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	2.53	2010	28-Mar-2010	27-Mar-2015	2	B+	2.69	2017	09-Jun-2017	08-Jun-2022
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1	B	2.53	2010	28-Mar-2010	27-Mar-2015																				
2	B+	2.69	2017	09-Jun-2017	08-Jun-2022																				
6. Date of Establishment of IQAC	13-Aug-2018																								
7. Internal Quality Assurance System																									

Quality initiatives by IQAC during the year for promoting quality culture

Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Yoga Day Participation at Swarnim Park	21-Jun-2019 01	200
Run for fit India and Rally	29-Aug-2019 01	300
Organic food awareness programme	28-Aug-2019 01	200
Gandhinagar District placement camp	20-Feb-2020 01	300
Covid -19 corona fighter online training	13-Apr-2020 01	36
online quiz and demonstration to commitment to promot safety against Covid-19	09-May-2020 01	44
Seminar on preparation of GPSC and UPSC Exam	18-Dec-2019 01	119
Seminar on UPSC: Challenges and solutions	01-Jan-2020 01	113

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

Institution/Department/ Faculty	Scheme	Funding Agency	Year of award with duration	Amount
College	GDA	UGC	2014 1825	640000
College	IQAC	UGC	2014 1825	300000
College	Comp. 9 Equity	RUSA 1.0	2015 365	32223
College	Comp. 9 Equity	RUSA 1.0	2016 365	177685.85
College	Comp. 12 Vocationalization of Higher Education	RUSA 1.0	2017 365	1086956.52
College	Comp. 9 Equity	RUSA 1.0	2019 365	183791.95
College	Comp. 9 Infrastructure Grants to	RUSA 2.0	2019 365	1000000

	Colleges			
college	security maintainance	state government (knowledge consortium of Gujarat, Education department, Gujarat)	2019 365	1846215
college	Saptdhara	state government (knowledge consortium of Gujarat, Education department, Gujarat)	2019 365	34000
college	UDISHA	state government (knowledge consortium of Gujarat, Education department, Gujarat)	2019 365	90000
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View Link
10. Number of IQAC meetings held during the year :	2
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View Uploaded File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)
<ul style="list-style-type: none"> • Participated in GSIRF (Gujarat State Institutional Ratings Framework) : Received 3 Star • College is selected by 12th PAB of RUSA, MHRD for RUSA 2.0, Component 9 Infrastructure Grants to Colleges. • MoU for RUSA 2.0, Component 9 Infrastructure Grants to Colleges: A Memorandum of Understanding (MoU) was carried out between Knowledge Consortium of Gujarat (KCG), Ahmedabad and Government Science College, Gandhinagar for RUSA 2.0, Component 9 - Infrastructure Grants to Colleges. As a result first instalment of grant of Rs. One Crore received for the New Construction, which was handed over to Executive

Engineer, Capital Project Division 4, Patnagar Yojana Bhavan, Sector 16, Gandhinagar.

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
To prepare annual calendar for the year 201920.	As per the guidance of principal, the IQAC cell of the college has prepared academic calendar for the year 201920 in consultation of Heads of all the Departments and chairman of different committees of college in accordance with Gujarat University's academic calendar
To strengthen the Library by purchasing books, journals & to make provisions for e-resources.	College is registered for N-LIST to use the facility of INFLIBNET e-resources. 316 Textbooks / General Books purchased. Various services were started by library like, Document circulation, Display of New arrivals of books and magazines. User Orientation and Education. Competitive exam corner. Newspaper clipping services. Reading service. Reference services. Library website. Ask Librarian. Remote login through EZ proxy. Bulletin Board services.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
KCG	07-Mar-2024

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?

No

16. Whether institutional data submitted to AISHE:

Yes

Year of Submission

2019

Date of Submission

30-Sep-2019

17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>The institution efficiently operates through Management Information System. The institution has well maintained website which is updated regularly. All the necessary details programme details, admission, activities, faculty details, etc. are kept up to date so that all the stakeholders can stay well informed. For the personnel management, the institution has COGENT portal developed by the Government of Gujarat through which the tasks of managing of Faculty Profile, HRMS (Digital Service Book), workload, Student Profile, Form and fee validation, online messaging, etc. are carried out quite smoothly. The institution owns licensed software for financial management. Salary calculation, income tax calculation, salary slip, fee receipt, FCR, etc. are generated digitally. The institution owns SOUL 2.0 for library automation where various tasks like maintaining library accounts of faculties and students, issuing books, maintaining catalogues, etc. are performed. Circulars and notices to faculties and students are delivered through website, email and electronic announcement system (bulk SMS). Display of Notices, holding staff, students, parents, alumni meetings, notifications regarding examination, fee payment, etc. are delivered electronically. Goods are procured through GeM and online method of payment is opted for payment to agencies and service providers. The institution uses PFMS (Public Financial Management System) for payment for the procurement of goods and services obtained from the grants received under RUSA or any other schemes.</p>

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

? Our institute is affiliated to Gujarat University. Therefore, the designing of the curriculum is done by the members of boards of studies of the

university. Although; Title, content, credits, and references of the foundation, core and elective courses are suggested by our teaching staff members who are members of board of study. Our institute have to implement and operationalize the curriculum designed by Gujarat University. ? The college follows the Academic Calendar of the Gujarat University which follows by the academic calendar of Education Dept., Government of Gujarat. Our college formulates it's own semester wise teaching time table. As per the allotted course / subjects / papers and lectures in accordance with the college calendar. ? Each Head of the Department looks after the progress in the teaching- learning in each of the course work. ? Departmental academic plan is prepared by the head of the respective departments under the supervision of head of the institution. ? Thus, IQAC of the College is actively involved in planning and execution of academic calendar, departmental plan. Moreover, IQAC also emphasizes on quality control of the teaching, learning, and evaluation process. ? For curriculum implementation, Teachers use to develop good rapport and healthy relationship with students in order to know their background knowledge and understanding of the subjects, and accordingly design student centric classroom teaching- learning process and takes care of imparting knowledge to the students looking to their level of understanding. ? Faculty members also conduct lectures by the optimum use of ICT in order to increase the effectiveness of teaching-learning process. ? The faculty members make use of ICT as well as different kinds of teaching learning techniques to provide student centric quality education to the students. ? Various co-curricular activities like field visits, study tour, popular lectures, guest lectures, National Science Day celebration, stage show of experiments etc are carried out to boost main stream curriculum. ? All the departments have well equipped laboratories and faculties make use of it to provide the real understanding of the subject by performing the experiments included in the curriculum. As a part and parcel of basic science study, students have to perform experiments / practicals as per the syllabi of their courses. The experience of doing practicals, taking observations and exploring something out of it and knowledge gained from it is far more valuable, long lasting and more personal than any other type of education. ? The curriculum is completed by the faculty members within stipulated time as per the course plan and calendar. However, special extra classes / practical sessions are also arranged to cope up with the shortage of time.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Finishing School	Nil	01/08/2019	7	Yes	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Botany	05/06/2011

BSc	Chemistry	05/06/2011
BSc	Physics	05/06/2011
BSc	Maths	05/06/2011
BSc	Statistics	05/06/2011
BSc	Microbiology	05/06/2011
BSc	Zoology	05/06/2017
MSc	Chemistry	05/06/2017

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	44	Nil

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Environmental Science	05/06/2019	444
Biodiversity	05/06/2019	444
Public Health	05/06/2019	449
Nutrition Dietetics	05/06/2019	449
Environmental Microbiology	05/06/2019	Nil
Horticulture	05/06/2019	Nil
4ModulesofFinishingSchool	01/08/2019	44
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BSc	Botany	4
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Feedback Collection Mechanism: The collection of feedback from stakeholders is a vital component of institutional governance and quality enhancement processes. The institution has implemented a robust feedback collection

mechanism that encompasses various channels to gather input from students, teachers, employers, alumni, and parents. Feedback forms are easily accessible to stakeholders through multiple platforms, including the institutional website. To ensure convenience, links to these forms are regularly shared with all stakeholders via WhatsApp or email. This accessibility facilitates widespread participation and ensures that stakeholders can provide feedback at their convenience. Moreover, the institution actively encourages constructive suggestions from students to enhance institutional practices. Regular solicitations for feedback are made, fostering a culture of continuous improvement and responsiveness to stakeholder needs. In addition to formal feedback mechanisms, informal feedback is also collected through day-to-day interactions between faculty and students. Mentoring sessions and counselling provide further opportunities for stakeholders to share their perspectives, allowing for a comprehensive understanding of their experiences and concerns.

Feedback Analysis Mechanism: The institution has established an effective feedback analysis mechanism to systematically review and address input received from diverse sources. Feedback collected through both online and offline channels is compiled and reviewed regularly to identify common themes and areas for improvement. Suggestions gathered through various feedback channels are deliberated upon in meetings of the Internal Quality Assurance Cell (IQAC). These meetings serve as forums for discussing feedback and devising action plans to address identified issues and enhance institutional practices. The IQAC acts as a pivotal body in facilitating communication between stakeholders and relevant committees responsible for implementing suggested improvements. Feedback and recommendations are communicated to the appropriate committees, ensuring that necessary actions are taken promptly and effectively.

Furthermore, alumni input holds significant value in the feedback analysis process. Suggestions provided by alumni are carefully considered and, whenever feasible, integrated into institutional practices to enrich the educational experience for current stakeholders. Informal feedback, gathered through day-to-day interactions, is also accorded importance in the feedback analysis process. The IQAC and other relevant committees consider informal feedback alongside formal input, providing holistic insights into stakeholder perspectives and needs. In conclusion, the institutions comprehensive feedback mechanism ensures that input from all stakeholders is received, analysed, and utilized effectively to drive continuous improvement and development. By actively engaging with feedback and implementing necessary changes, the institution demonstrates its commitment to quality enhancement and stakeholder satisfaction.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	B.Sc. (Botany, Chemistry, Maths, Physics, Statistics, Microbiology, Zoology)	520	444	444
MSc	M.Sc. (Chemistry)	72	95	95

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2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2019	1364	146	31	0	8

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
31	31	6	6	4	1

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

YES. ? Academic Guidance Support : • Academic counselling is provided to select their core elective subjects. • Faculty members act as mentors and look after student's attendance, progress in assignment work, academic progress, contribution in interaction during classroom teaching and practical work. • Students are encouraged to participate in the National Essay Competition organized by Department of Atomic Energy, IAPT (Indian Association of Physics Teachers), GSBTM, etc. • The students are encouraged to participate in seminars and conferences organized by various institutes. • Students encouraged to participate in Academic Field Visit, Study Tour, etc ? Career Guidance Support : • UDISHA Cell : Universal Development of Integrated Employability Skills through higher education agencies – a career counselling and placement cell has been established in the college. • Seminars for Career Guidance : Subject related carrier guidance seminar are conducted by the respective departments. • Placement Camp : Last year students are encouraged to participate in placement camp. Placement camp Iso organized on 20/02/2020. • Career Guidance to Female Students : Career guidance was given to female students by CWDC. ? Personal and Psycho-Social Support : • College helps to address sort out the personal problems of the students. • Faculty members addresses the general student life problems such as stress related to study, exam phobia, nervousness, peer pressure, etc. and accordingly mentor the needy students individually. • Anti-ragging cell keeps constant careful vigilance on campus activities. • CWDC of the college takes care of the problems of the girl-students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1364	31	1 : 44

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
50	31	19	2	26

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level,	Designation	Name of the award, fellowship, received from Government or recognized
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	international level		bodies
Nil	NIL	Nil	NIL
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2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BSc	021	semester 6	Nil	Nil
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• In the presence of principal of the college, the time table of internal examination is decided by the Head of internal examination committee, all Heads of departments are committee members. The finalized time-table is sent to the students via WhatsApp group as well as orally informed in the class and also displayed on notice board. • Question papers are set by the faculties whose copies are given to the head of department in a sealed cover which is further sent to the head of internal examination committee. • Supervision chart of teachers is prepared before the commencement of date of internal examination. Teachers are assigned supervision duty in each examination hall. These are held under strict supervision. • Since our college is affiliated with Gujarat University, the college follow the procedure and guidelines of the University. • The evaluation of performance of a student in each course comprises of two main components : (i) Internal Evaluation (30 Marks/Paper) (ii) External Evaluation (70 Marks/Paper). • Use of Continuous Comprehensive Assessment (CCA) : As per the University guidelines all the department follows the procedure to assess students continuously by providing course / paper based assignments, viva, regular checking of practical record books and journals etc. • The components for the CCA and their weightage in terms of marks are : • Attendance : 5 Marks • Assignments : 10 Marks • Unit Test/MCQ: 35 Marks • Total Internal Marks : 50 Marks Unit Test /MCQ are conducted of 30 marks which are further converted to 15 marks.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

• If the student was unable to understand the question, then firstly student report to the concerned teacher in the examination hall which was further bring to the notice of teacher who has set that paper. Then, appropriate action was taken by that teacher. • Examination committee, Grievance Redressal committee, Internal Marks Committee and Heads of all departments look into the examination grievances. • Papers were evaluated by faculties within fifteen days and then marksheet was prepared which was shown to students department-wise. Marksheet is send to students via whatsapp group and also displayed on the notice board of each department. Students are asked to report the grievance, if any, within three days. If a student face any grievance in marksheet, then firstly student bring it to the notice of head of department and concerned faculties. Then, answer sheet was shown on the demand of students and desirable changes were made in the marksheet, if any, required. Rectified marksheet is then send to the head of internal examination committee whose function is to make the combined marksheet of all papers. Marksheet is again send to students via WhatsApp group and also displayed on the notice board of each department.

Students are informed to report the grievance, if any, within three days. If there is any grievance in the marks in the final marksheet. Then, student report to the head of internal examination committee. Desirable changes are made in the marksheet, if any, required. Then, the marks of each paper of all students are uploaded in Online Internal Marks Entry system link of Gujarat University within 15 days. The hard copy of combined marksheet is also send to the examination department of Gujarat University.

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 in website of the institution (to provide the weblink)

<https://www.gscgandhinagar.in/page?gid=28>

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
021	BSc	B.Sc. (Botany, Chemistry, Maths, Physics, Statistics, Microbiology , Zoology)	451	356	78.94
023	MSc	M.Sc. (Chemistry)	51	50	98.4

[View Uploaded File](#)

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<https://www.gscgandhinagar.in/view-pdf?id=21>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Nill	00	NIL	0	0

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3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
NIL	NIL	

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
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NIL	NIL	NIL	Nil	NIL
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
00	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
National	PHYSICS	1	Nil
International	PHYSICS	1	Nil
International	CHEMISTRY	2	Nil
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
00	0
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Analysis of equations of state as applied to thermoelectric properties of C60 crystalline solids	Ghanshyam R.Patel, Nilesh thakar, Tushar pandya	Indian journal of physics	2020	Nil	government science college, gandhinagar	Nil
Effect		Nanoscie	2020	Nil		Nil

of Size and Shape on Refractive index, Dielectric constant and Bandgap of Semiconducting Nanowire	Ghanshyam R. Patel, Madan Singh, Tushar Pandya	ence and Nanotechnology Asia			government science college, Gandhinagar	
Biological Screening of Polypyridyl Chloro-Ruthenium(II) Complexes: Antimicrobial and DNA Interaction"	Dr. Deepankumar Sureshbhai Gandhi	International Journal of Scientific Research in Science and Technology	2019	Nil	government science college, Gandhinagar	Nil
Newer Approaches to Schiff Bases	Dr. Jayanti S. Rajora	International Journal of Scientific Research in Science and Technology	2019	Nil	government science college, Gandhinagar	Nil
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
00	NIL	NIL	Nil	0	0	NIL
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Nil	0	0	0	0
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3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities

Participation in International Yoga Day Celebration at Swarnim Park	NSS NCC and Gandhinagar District Collectorate	33	200
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3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
Republic Day Camp (RDC)	PM Rally Guard of Honour	Governor House NCC Gujarat DTE	1
Awards and recognition	Brighter Minds Award Commendable Initiative Award	Shri Ramchandra Mission, United Nations Information Centre for India Bhutan, and Heartfullness Education Trust	1162
Vayu Sena Camp, Jodhpur	National Air wing camp	Air wing NCC	1
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3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	ETI, Gujarat Vidyapith, Ahmedabad	Training for NSS Programme Officer (25-06-2019 to 01-07- 2019)	1	0
NSS	S. P. University	NSS day Celebration (22-09-2019 to 24-09-2019)	1	4
NSS	GEER Foundation, Gandhinagar	Globe Training (30-07-2019)	1	0
NSS	Bhakt Kavi Narsinh Mehta University, Junagadh	National Integration Camp (06-01-2020 To 12-01-2020)	1	2
NSS	Gujarat University, Ahmedabad	One Day Cleanliness Seminar (13/02/2020)	1	9
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3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
00	00	00	00
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
00	00	00	Nil	Nil	00
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NIL	Nil	NIL	0
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
100	100

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Video Centre	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Classrooms with Wi-Fi OR LAN	Existing
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4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Fully	2.0	2017

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	9146	234128	316	140408	9462	374536
Reference Books	758	Nil	Nil	Nil	758	Nil
e-Books	3100000	Nil	Nil	Nil	3100000	Nil
Journals	1	950	1	950	2	1900
e-Journals	6000	Nil	Nil	Nil	6000	Nil
CD & Video	8	Nil	Nil	Nil	8	Nil
Library Automation	1	Nil	Nil	Nil	1	Nil
Weeding (hard & soft)	348	Nil	74	1977	422	1977

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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	NIL	NIL	Nil

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	76	35	0	0	0	4	34	4	0
Added	0	0	0	0	0	0	0	0	0
Total	76	35	0	0	0	4	34	4	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

4 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
NIL	Nil

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
549000	127274	36253370	2029376

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The physical facilities including Laboratories, Library, Classrooms and Computers etc. are made available for the students those who are admitted in the college. ? Laboratory : College has total 10 Laboratories. Out of which 2 Physics laboratories, 3 Chemistry laboratories and 3 Biology laboratories, 2 Microbiology laboratories. Each laboratory is maintained by respective Head of the Department and Lab in charge teacher along with the support of laboratory assistants. ? Library : Library committee headed by the Principal takes care of maintaining and upgrading the facilities of library. Our institute always tries to make an optimal usage of infrastructure in order to meet the needs of academic and non-academic activities. Library is divided into different sections like Lending Section, Reference Section, Circulation Counter, Reading Section, Newspapers reading area, one computer for accessing e-resources, Periodicals/Magazine Section ? Computers : ICT committee takes care of maintaining and upgrading the computer facilities available in the college. They also look into the College website, up-gradation, biometric services. ? Botanical Garden : The college has a Botanical garden with varied plant species. Biology department takes care of the botanical garden. ? DELL : Digital English Language Laboratory (DELL) at our institute which is equipped with 25 computers servers connected with one master computer. English teacher takes care of the Lab. ? CCTV surveillance: Entire College Campus including Classrooms, lobbies Grounds, Parking area under the CCTV surveillance. In order to maintenance of the system AMC is carried out. ? ICT Facilities : Our institute always tries to make an optimal usage of infrastructure in order to meet the needs of academic curricular and co-curricular activities

<https://www.gscgandhinagar.in/page?gid=36>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	State government Schemes	682	Nil
Financial Support from Other Sources			
a) National	Nil	Nil	Nil
b) International	Nil	Nil	Nil

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Life Skill Employability Skill Development Under Finishing School Scheme	01/08/2019	44	Knowledge Consortium of Gujarat (KCG), Education Department, Government of Gujarat
Functional English-1 and Functional English-2 Under Finishing School Scheme	14/12/2019	44	Knowledge Consortium of Gujarat (KCG), Education Department, Government of Gujarat

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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	UDISHA - Universal Development of Integrated employability skills through Higher education Agencies	119	119	0	0
2020	UDISHA - Universal Development of Integrated employability skills through Higher education Agencies	729	729	0	161

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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
14 (As attached in excel sheet)	567	161	00	0	0
View File View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
Nil	0	NIL	NIL	NIL	NIL
No file uploaded.					

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
SET	2
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Interclass Kabaddi Tournaments	College : Interclass	60
Cricket Tournaments	University Level : Inter College	16
Volley Ball Tournaments	University Level : Inter College	12
Badminton Tournaments	University Level : Inter College	4
Chess Tournaments	University Level : Inter College	4
Interclass Volley Ball Tournaments	College : Interclass	48
Interclass Cricket Tournaments	College : Interclass	224
Interclass Badminton Tournaments	College : Interclass	29
Interclass Chess Tournaments	College : Interclass	16

Interclass Hand Ball Tournaments	College : Interclass	18
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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)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2020	Weight lifting	National	1	Nill	38	Desai Yashkumar Rameshbhai

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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

- Student involved in various academic, curricular and co-curricular activities as well as in committee and plays vital role in the development of the college.
- SRC Committee: In this committee students of the college are suggested to give their suggestions and make the decision to create healthy and learning atmosphere to study.
- NCC Committee: NCC cadets creates the atmosphere of discipline, developing character, attitude of adventure and selfless service to the other students in the college. This process leads to the students to join armed forces and to serve to the nation. Students of this college carry out the activities to promote patriotism and to develop self discipline. They also carry out various social activities too.
- NSS Unit: Various activity performed by the students with administration and involvement in the activity like Run for Water Awareness), World Yoga Day, Pledge to save water, Celebrating Independence Day, Tree planting, Fit India Moment, Organic Food Awareness Seminar, N.S.S. Orientation, Environment Awareness Seminar, Cyber Security Awareness Seminar, Gandhi Jayanti Celebrations, Thalassemia Screening Camp, Constitution Day Celebration, National Waters Day, Republic Day Celebrations, Job Recruitment Fair, Hello Trump program, Hurtfulness Nimbhad Competition. NSS unit adopted Fatepura Village and also performed various activity for the development of the village and benefits of the people.
- Various activities organized with the participation of the student which enhanced difference skilled and art in the students like Sugam sangeet spardha, Mahendi competition , Rangoli

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

5.4.3 – Alumni contribution during the year (in Rupees) :

0

5.4.4 – Meetings/activities organized by Alumni Association :

0

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

- Academic Departments Head of Department (HoD) : In order to decentralize all the academic functioning and activities, subject wise departments are formed and nominate senior teacher of the subject as the Head of department. As per the guidelines and supervision of Principal, HoD takes care of all the planning and implementation of departmental academic activities.
- Various Committees Chairmen of the Committee : In order to decentralize curricular, co-curricular and extra-curricular activities, extension activities, cultural sports activities various committees are formed. As per the guidelines and supervision of Principal, chairman of the committee along with the members of committee take care of planning and implementation of prescribed activities.
- Following Committees were formed for the decentralization of college activities :
 1. Separate Admission Committees for First, Second Third Year
 2. Time Table Committee
 3. Internal Exam Committee
 4. External Exam Committee
 5. UDISHA (Universal Development of Integrated employ-ability Skills through Higher education Agencies)
 6. Saptadhara Committee
 7. Academic Activity Committee
 8. Research Committee
 9. Library Committee
 10. Cultural Committee
 11. Sports Committee
 12. CWDC (Collegiate Women Development Cell)
 13. NSS (National Service Scheme)
 14. NCC (National Cadet Corps)
 15. UGC (University Grants Commission) Committee
 16. IQAC (Internal Quality Assurance Cell)
 17. RUSA (Rashtriya Uchcha Shiksha Abhiyan)
 18. Purchase Committee
 19. Anti-ragging Cell
 20. Discipline Committee
 21. SC ST Cell
 22. SRC (Student Representative Council)
 23. Prize Distribution Committee
 24. RTI Committee
 25. ICT Committee
 26. IT Committee

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Examination and Evaluation	The performance of a student in each course is evaluated in terms of percentage of marks with a provision for conversion to grade points. The evaluation of the performance of a student in each course comprises of two main components: (i) Internal Evaluation, (ii) External Evaluation. External evaluation is carried out by Gujarat University. Internal evaluation for each course is carried out by a continuous internal assessment (CIA) by the concerned course teachers as well as by an end semester internal examination. For CIA evaluations techniques like attendance, assignments, regular checking of practical record-books journals, conducting quiz / MCQ test, viva, seminars and internal unit test.

<p>Research and Development</p>	<p>As the institution is an undergraduate college of government of Gujarat, it does not have outstanding infrastructure facilities as far as research is concerned. But most of the teachers are Ph.D. holders, who are enthusiastic to continue research work in collaboration of their mother institute of Ph.D. studies. Teachers are encouraged to carry out research work. Faculty members are encouraged to participate in State, National and International level conferences, seminars, symposia, workshops and also present their research papers. Two of the faculty members are Ph.D. Guide also.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>More emphasis is given to upgrade library, ICT facilities and other physical infrastructure in the college from the available grants of UGC RUSA. Revised draft of Detailed Project Report (DPR) was prepared for RUSA 2.0, Component 9 - Infrastructure Grants to Colleges as per the directions guidelines received from Knowledge Consortium of Gujarat (KCG), Ahmedabad. College was selected for RUSA 2.0, Component 9 Infrastructure Grants to Colleges by 12th PAB of RUSA, MHRD, New Delhi held on 25th May, 2018. A Memorandum of Understanding (MoU) was carried out between Knowledge Consortium of Gujarat (KCG), Ahmedabad and Government Science College, Gandhinagar for RUSA 2.0, Component 9 - Infrastructure Grants to Colleges. As a result first instalment of grant of Rs. One Crore received, which was handed over to Executive Engineer, Capital Project Division 4, Patnagar Yojana Bhavan, Sector 16, Gandhinagar for the New Constructions of Classrooms conference room.</p>
<p>Human Resource Management</p>	<p>Ours being a government college, the selection process of permanent teachers is carried out by State Government approved agency Gujarat Public Service Commission (GPSC) as per the UGC Regulations and Government Recruitment Rules. On the basis of the recommended list of GPSC, Department of Education, Government of Gujarat carries out further process of recruitment orders of teachers.</p>
<p>Industry Interaction / Collaboration</p>	<p>To increase knowledge of the students regarding recent advances, emerging</p>

trends and development in the industries, Institute conducts industrial visits for students. Departments organizes the field visits and study tour to Research Institutes Industries for experience based learning.

Admission of Students

University level centralized online admission process conducted by Gujarat University Admission Committee (GUAC) is followed by the college for the first-year B.Sc. from the academic year 2017-18. The entire admission process is carried out by Gujarat University through website <https://eform.gujaratusiversity.ac.in/BSC/news.aspx> . For the admissions, in the subsequent years, i.e., for S.Y. (Semester 3 4) T.Y. B.Sc. (Semester 5 6) college carry out offline local admission process. Local college level different admission committees are formed for the subsequent years, i.e., for S.Y. T.Y. B.Sc. admission process. Offline admission process is followed by each of the admission committee. Each admission committee takes care of all the rules - regulations and guidelines of the college in accordance of Gujarat University and Government policies. As college follows the CBCS, admissions in the respective groups are given as per students' choices of subjects.

Teaching and Learning

Our college is affiliated to Gujarat University. As a member of the board of studies, some faculty members are also involved in designing the new curriculum in respective subject. College has adopted CBCS system from the year 2011-2012. The students are offered wide range of options for the foundation, core and elective subjects specified in the curriculum by Gujarat University. As a member of the board of studies, some faculty members are also involved in designing the new curriculum in respective subject.

Teaching and Learning

For curriculum implementation, Teachers prepares their Teaching Plan as per the academic calendar of the college. Teachers use to develop good rapport and healthy relationship with students in order to know their background knowledge and understanding of the subjects, and accordingly design student centric classroom teaching - learning process and takes care of

imparting knowledge to the students looking to their level of understanding. Faculty members also conduct lectures by the optimum use of ICT in order to increase the effectiveness of teaching-learning process. Being a Science College, more emphasis is given on practical sessions, which includes demonstration of experiments by teachers and hands on experience by students.

6.2.2 – Implementation of e-governance in areas of operations:

E-governance area	Details
<p>Planning and Development</p>	<p>Computer Printers are provided to administrative office and Head of the Departments. Internet Facility under NMEICT is available in Principal Office, Clerical office, Computer Lab and at all the HoDs Chambers. Attendance of all Staff members is governed by Biometric machine. Important notices related to planning and implementations are forwarded to staff members through emails and other available social media platforms. College website also facilitates information of college activities and notices so that students can easily access them on college website.</p>
<p>Administration</p>	<p>College Profile is placed on e-gyan portal prepared by office of Commissioner of Higher Education. College website also facilitates information of college including Motto, Vision, Mission, Departments, Staff details, Teachers' profile, Academic Calendar, Various Committee details, library details, day to day activities notices etc. So, Parents as well as Students can have easy access of college information.</p>
<p>Finance and Accounts</p>	<p>Gujarat State Wide Area Network (GSWAN) connection is provided to college by Department of Science Technology, Government of Gujarat. GSWAN Connectivity creates foundation for rolling out any service electronically hence it is one of the cardinal factors in e-governance. This GSWAN intranet provides secure access to IFMS - "Integrated Financial Management System" which is used in all Government Offices to look after financial matters. Salary bills are submitted to the treasury office through IFMS platform. Salary of</p>

	faculty members and staff is transferred directly to the bank account.
Student Admission and Support	University level centralized online web enabled admission process conducted by Gujarat University Admission Committee (GUAC) is followed by the college for the first-year B.Sc. So, Applications for admission are submitted through the online GUAC web portal. Information about the available courses, subjects, number of seats available, seat matrix for F.Y., S.Y. T.Y. B.Sc., admission criteria, fee structure, etc offered by the colleges are published on GUAC web portal. The student admission support is provided by local college level admission committee.
Examination	Gujarat University Examination Forms are submitted online by college through Exam Forms Correction System (EFCS) platform. College use to submit internal marks online to Gujarat University. Our university website provides information regarding Exam Circulars, Examination Schedule, Seat Numbers, Seating Arrangement, Results, etc. This system is student friendly. College has a separate exam conduct room with necessary facility of fast photo copier machine for the printing of the question papers of internal exam. Students are provided Exam forms, Exam Hall Tickets.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

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 support
Nill	NIL	NIL	NIL	0
No file uploaded.				

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

2019	Workshop for NSS 2 level Programme Officers of Seven Districts of Gujarat	Nil	16/09/2019	18/09/2019	144	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Three-days training of trainers on Role of Youth Volunteers for Disaster Risk management	1	05/03/2020	07/03/2020	3
Online Short Term Course on E-Content Development" during	3	28/05/2020	03/06/2020	7
Online Short Term Course on E-Content Development	1	14/05/2020	20/05/2020	6
Orientation program	2	06/01/2020	26/01/2020	21
Refresher course in ICT Mathematics	1	09/10/2019	22/10/2019	14
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
31	31	25	25

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
01	01	01 (NCC) , 01 (Vinod Kinarivala gov. of Gujarat scheme), 01 (Tablet)

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The institution conducts both internal and external audits regularly. The internal audits are done by the Registrar and the Principal and Chartered Accountant. The institution also conducts audits for the various grants received through KCG and the Commissionerate of Higher Education, Gandhinagar such as RUSA, UDISHA and Saptadhara. The institution undergoes AG (Auditer General) audit. Physical verification of accounts is done by the Commissionerate of Higher Education, Gandhinagar. For every grant received from Government, the institution sends utilization certificates for the amount utilized. There are no major audit objections since the institution follows a good system of internal controls like calling quotations, comparison of rates, preparation of purchase order etc. and approvals at every stage of such implementation and due verification of goods and services that are obtained after delivery or completion of works. Treasury office makes payment after verifying the financial details of all bills. Accounts of students examination fees and examination remuneration bills of the faculties are audited by Gujuarat university, Ahmedabad.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
KCG, Ahmedabad, Gujarat	4174370	Mentioned in the excel template
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC	Yes	KCG
Administrative	Yes	NAAC	Yes	KCG

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

NIL

6.5.3 – Development programmes for support staff (at least three)

NIL

6.5.4 – Post Accreditation initiative(s) (mention at least three)

- IQAC : The college has established Internal Quality Assurance Cell (IQAC) as per the guidelines of UGC and NAAC.
- Planning and Execution : IQAC of the College is actively involved in planning and execution of academic calendar, departmental plan individual teaching plan. IQAC also emphasizes on quality control of teaching, learning and evaluation process.
- Use of Resource Material : IQAC encourages faculties to use text books, reference books and internet facility, e-resources and e-journals available on INFLIBNET N-LIST website for preparing lectures for effective teaching.
- Participation in Faculty Development Programmes: IQAC encourages faculties to participate in orientation programmes (OP), refresher courses (RC), faculty development programmes (FDP), short term courses (STC), capacity building programmes,

workshops to enhance their knowledge to improve teaching. • Knowledge Sharing : Under the Guidance of Principal, IQAC has established a common practice in college that a faculty member, who has participated in such OP, RC, FDP, STC etc has to share knowledge they gained from such programmes. • Use of ICT in Teaching - Learning Process : Use of Digital Podium, Multimedia Projectors for effective teaching-learning process. Technical assistance is also provided through experts to use such equipment. • Participated in NIRF (National Institutional Ranking Frame work). • Participated in GSIRF (Gujarat State Institutional Ratings Framework) : The Executive Committee of Knowledge Consortium of Gujarat, Department of Education, Government of Gujarat on recommendation of the duly appointed agency, the Indian Centre for Academic Rankings and Excellence (ICARE) has rated our Institute - Government Science College, Gandhinagar as a 3 Star Institution with CGPA of 2.58 out of 5 in category of colleges on the basis of comprehensive performance metrics set out in Gujarat State Institutional Ratings Frame work (GSIRF) on 28th February 2019, valid upto 30th March,2020. • First Draft of DPR prepared submitted to KCG for RUSA 2.0, Component 9: First initial draft of Detailed Project Report (DPR) was prepared for RUSA 2.0, Component 9 - Infrastructure Grants to Colleges as per directions guidelines received from Knowledge Consortium of Gujarat (KCG), Ahmedabad. College was selected for RUSA 2.0, Component 9 Infrastructure Grants to Colleges by 12th PAB of RUSA, MHRD, New Delhi held on 25th May, 2018. • Entrepreneurship Awareness Camp: In order to create awareness regarding entrepreneurship, a three days programme on "Entrepreneurship Awareness Camp" was organized by college for college students during 11/10/2018 to 13/10/2018. • Guided and Verify API files of Asst. Professors for CAS Promotions : IQAC has guided Asst. Professors for preparation of API files, who are entitled to get higher scale under Career Advancement Scheme (CAS) promotions. On 24th August, 2018 IQAC committee members meeting was held to verify all submitted API files for CAS promotions.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b) Participation in NIRF	Yes
c) ISO certification	No
d) NBA or any other quality audit	Yes

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2019	Yoga Day P articipation at Swarnim Park	21/06/2019	Nil	21/06/2019	200
2019	Run for fit India and Rally	29/08/2019	Nil	29/08/2019	300
2019	Organic food awareness programme	29/08/2019	Nil	29/08/2019	200
2020	Gandhinagar District placement	20/02/2020	Nil	20/02/2020	300

	camp				
2020	Covid -19 corona fighter online training	13/04/2020	Nil	13/04/2020	36
2020	online quiz and demonstration to commitment to promote safety against Covid-19	09/05/2020	Nil	09/05/2020	44
2019	Seminar on preparation of GPSC and UPSC Exam	18/12/2019	Nil	18/12/2020	119
2020	Seminar on UPSC: Challenges and solutions	01/01/2020	Nil	01/01/2020	113
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Seminar on awareness of women's health	01/08/2019	01/08/2019	130	0
Poster Making Competition On "Beti Bachao - Beti Padhao" Theme	06/08/2019	06/08/2019	10	0
Seminar on Motivation of girl's education and awareness of law and important helpline numbers related to women's safety	10/08/2019	10/08/2019	100	0

2020	Nil	1	01/01/2020	07	7 Days NSS Camp at "Por" Village on theme "Building Gandhian Thoughts in New Generation"	Gandhian thoughts	63
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of conduct for students, teachers and administrators and non-teaching staff	01/06/2020	IQAC, Discipline committee, CWDC and Anti-ragging committee take the follow up of violation in any code of conduct if found.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
World Yoga Day Celebration	21/06/2019	21/06/2019	200
Gandhi Jayanti Celebration	02/10/2019	02/10/2019	70
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Save water: In the college campus and in the boys hostel building, water pipe lines, valves and taps are regularly checked for any kind of leakage of water. Students and staff are regularly instructed to use water judiciously and to stop wastage of water. 2. Rain water harvesting: The College has big terrace area which is useful to collect rain water in a big tank, kept at ground level. This collected rain-water is then used throughout the year in experimental work in all Departments. 3. Green campus: The College is having a huge Eco-friendly campus (Area: 199064.87 m²) serving as habitat for diversified flora and fauna. Tree plantation programs are regularly carried out in the campus to increase the green cover of the campus. 4. Renewable energy: The college has installed solar panels on the terrace of the college building and on hostel building. Electricity generated from these solar panels is used in the college and hostel. 5. Save electricity: Use of led lights in the campus helps to reduce electricality bills. Additionally tube-lights, bulbs, fans, air conditioners, computers, projectors, printers and all other electric appliances are switched off when not in use. 6. Cleanliness drive: College campus is kept clean by regular collection of garbage by solid waste department of Gandhinagar municipal corporation. In addition to this cleanliness drive is often carried out by college students and staff members.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice:1 1. Title of the Practice: Social Services through NSS 2. Objective of the Practice: To promote social responsibility, community

engagement, and personal development of students through impactful National Service Scheme (NSS) activities. 3. The Context: To prepare graduating students as responsible citizens by providing chance to them in engaging selfless social services through 'National Service Scheme' is one of the important motives of higher education. 4. The Practice: NSS activities showcase a multifaceted approach, incorporating voter awareness runs, yoga for fitness, water and environmental rallies, health seminars, cleanliness campaigns, and community service. Additionally, initiatives include constitutional day celebrations, national voters day celebration, essay competition, blood donation camps, and educational programs on superstition prevention for holistic development and societal well-being. 5. Evidence of Success: NSS volunteers are sensitized towards varied social facets such as importance of voting, health and fitness, water conservation, environment, Indian constitution and superstition. Additionally, NSS unit also received Bright Mind Award-2019 and Rs.10,000 Cash as prize money from Heartfulness Education Trust for maximum number of participations in essay competition. 6. Problems encountered and Resources required: Logistic challenges, securing proper venues for programs, safety concerns were problematic. Required resources were enough promotional materials, and proper funds. Best Practice - 2

1. Title of the Practice
Finishing School: Nurturing Soft Skills for Holistic Development of Students

2. Objectives of the Practice
Finishing school initiative is undertaken to create pool of skilled youth, quality manpower feed and employability of the final year students of the college.

3. The Context
To prepare graduating students for better employability, industry readiness and prosperous career through appropriate interventions is the current need of higher education system. The need can be fulfilled by proper training.

4. The Practice
Distinctively, this programme empowers students to do more than just survival. Beyond knowledge, this training prepares them with self-improvement skills for an ever-evolving workplace. Through soft skill development, they gain additional potential to adapt in competitive dynamic workplace. Major constraint is to accommodate this training program within the curriculum time frame.

5. Evidence of Success
Active participation of students throughout training sessions. Success of training is reflected in the 44 students' performance, improvement in communication, English language fluency and satisfaction rate post training surveys. Students' enthusiasm for the training sessions indicates overall program efficacy and curiosity to learn beyond traditional academic knowledge.

6. Problems Encountered and Resources Required
Problems Encountered: Limitation of time along with academic schedule of theory and practicals
Resources required: Multimedia classrooms, streamlined administrative processes, qualified trainers

Best Practice - 3

1. Title of the Practices: Environmental awareness through Eco Club activities

2. Objective of the Practices: To engage students in environmental education and awareness activities and sensitize them for environment protection and preservation.

3. The context: Eco Club of the College is a part of National Green Corps (NGC) Program of the Ministry of Environment and Forests, GoI and GEER Foundation GoG, Gandhinagar. The main role of Eco-Cub is to raise environmental issues and educate students.

4. The Practice: In collaboration with the GEER Foundation, students attended a Nature camp and carried out tree plantation program and observed biodiversity. As a part of the curriculum, students went on a education tour to visit the Jambughoda forest and collected different plant specimen and submitted their tour reports were submitted at the University Practical Examination.

5. Evidence of Success: Participation in environmental sustainability activities has given students a holistic approach about Bio diversity and Environment awareness.

6. Problems Encountered and Resources required: Students and faculty encounter challenges in incorporating environmental activities into their regular academic schedules due to time constraints in science courses,

7. Notes(optional): Kitchen gardening, organic farming programs, rallies regarding environmental issues and energy conservation can be done.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<https://www.gscgandhinagar.in/best-practices-2019-20>

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Government Science College - Gandhinagar (GSCGNR) was established in 1970 and is managed by Education Department - Government of Gujarat. The College is headed by the Principal (GES-I) who also served as Joint Director at Commissionerate of Higher Education, Gandhinagar. The college provides access to academic excellence and offers all-round development of students of all sections of the society irrespective of gender, caste, creed, religion and socio-economic status. GSCGNR is the only one Government College (Affiliated, UG) of Gandhinagar District offering higher education in science. The college is located near the heart (Mahatma Mandir - the convention and exhibition centre developed by Government of Gujarat) of Gandhinagar City - the Clean and Green Capital of Gujarat. The College is having a huge Eco-friendly campus (Area: 199064.87 m²) serving as habitat for diversified flora and fauna. Followings are the areas in which college stands out as unique. Academic excellence Gold Medal has been awarded to a final year student of Botany Department for getting highest marks in external examination conducted by Gujarat University. Cleanliness Drive The NSS unit has successfully organized Swachh Bharat Summer Internship: 2019 program of one week duration, in which 45 students participated. Visible cleanliness activities were conducted by students in Government Boys Hostel and Fatepura Village of Gandhinagar District. Dustbin making program and Drama on Cleanliness theme generated substantial awareness about cleanliness, among participants.

Provide the weblink of the institution

<https://www.gscgandhinagar.in/institutional-distinctiveness-2019-20>

8.Future Plans of Actions for Next Academic Year

To prepare academic calendar for the next academic year. To conduct quality initiatives for extension activities for the next academic year.