Yearly Status Report - 2016-2017

Part A	
Data of the Institution	
1. Name of the Institution	**GOVERNMENT SCIENCE COLLEGE**
Name of the head of the Institution	**Dr P. A. Vadher (Upto 01/09/2016) Dr K. G. Chhaya (From 02/09/2016 Onwards)**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**07923222352**
Mobile no.	**9909012291**
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 C. Ambasana (Upto 30/12/2016), Dr Chetan K. Chauhan (From 31/12/2016)**
Phone no/Alternate Phone no.	**07923222352**
Mobile no.	**9825765981**
Registered Email	**iqacgscgnr3@gmail.com**
Alternate Email	**ccambasana_science@rediffmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.gscgandhinagar.in/view-pdf?id=9

4. Whether Academic Calendar prepared during the year

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=44

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity	
				Period From	Period To
1	**B**	**2.53**	**2010**	**28-Mar-2010**	**27-Mar-2015**

6. Date of Establishment of IQAC

31-Dec-2016

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by	Date & Duration	Number of participants/ beneficiaries

IQAC		
Academic and Administrative Assessment (AAA) by Knowledge Consortium of Gujarat (KCG)	07-Apr-2017 02	3
Self-Study Report (SSR) Preparation for the 2nd cycle NAAC	01-Jan-2017 59	5
2nd cycle assessment process by National Assessment & Accreditation Council (NAAC)	23-Apr-2017 03	3
yoga training	15-Jun-2016 04	55
Youth management	12-Jan-2017 01	150
Awareness on cashless digital payment	22-Dec-2016 01	47
laws against women harassment	17-Feb-2017 01	50
workshop at serenity library & Botanical Garden	12-Feb-2017 01	12
special classes for career guidance &preparation of competetive exams	12-Jan-2017 13	255

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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	RUSA 1.0	2015 365	32223
College	Comp. 9	RUSA 1.0	2016 365	177685.85
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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 :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	No
Upload the minutes of meeting and action taken report	No Files Uploaded !!!
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)

1. Academic and Administrative Assessment (AAA) : 07 and 08 April, 2017 2. Preparation of Self Study Report (SSR) and Supplementary SSR for the 2nd cycle of NAAC 3. 2nd Cycle of NAAC: 23 to 25 April, 2017 4. Feedback of Students on Teachers and Analysis of Feedback 5. Verification of CAS cases

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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 201617	As per the guidance of principal, the IQAC cell of the college has prepared academic calendar for the year 201617 in consultation of Heads of all the Departments and chairman of different committees of college in accordance with Gujarat University's academic calendar.
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	Yes

Date of Visit	24-Apr-2017
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2016
Date of Submission	30-Sep-2016
17. Does the Institution have Management Information System ?	No

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. • A common framework of teaching plan for all the subjects is prepared by the IQAC cell of the College, which includes coursework of the subject, period required for its completion and schedule for practical work. • Each faculty member formulates his / her own semester wise teaching plans as per the allotted course / subjects / papers and lectures in accordance with the college calendar. Each faculty member submits prepared teaching plans to respective Head of Department. • Each Head of the Department looks after the progress in the teaching – learning in each of the course work as per the submitted teaching plans. • 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 & individual teaching 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, industrial visit, 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/entreprene urship	Skill Development
NA	NA	Nil	Nil	NA	NA

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nill	NA	Nill
No file uploaded.		

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	PHYSICS	15/06/2011
BSc	CHEMISTRY	15/06/2011
BSc	MATHEMATICS	15/06/2011
BSc	BOTANY	15/06/2011
BSc	MICROBIOLOGY	15/06/2011

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

	Certificate	Diploma Course
Number of Students	0	0

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
NA	Nill	Nill
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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
Nill	NA	Nill
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes

Employers	No
Alumni	No
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 from students on Curriculum : Our institution has a formal mechanism to obtain feedback from students on Curriculum. By analyzing these feedbacks suggestion and recommendations are listed which are forwarded to Gujarat University by our teaching staff members who are members of board of study in their specialized subject. Student's feedbacks and responses on curriculum are used to enrich curriculum by incorporating more examples, case studies, field studies, seminars, question bank, diagrams, online references, e-books, videos, and animations. Stakeholder can send their feedback offline as well as online through college website. • Feedback from students on Teachers : For the evaluation of teacher, the college has introduced the practice of getting feedback from the students by a general questionnaire. The questionnaire used to obtain students' feedback on teachers is contains 10 items for the assessment of teacher. Students have to give their feedback on each of the items by giving appropriate grade (A, B, C, or D) designed on 4 – point scale. • Analysis of Feedback : The analysis of the feedback is carried out through spread-sheet and Cumulative Grade Point Average (CGPA) is calculated for each of the teacher. From the findings of feedback, teacher is asked to do better in the respective area for the improvement. The outcome of the feedback analysis is informed to the respective teachers so that they may understand their strengths and weaknesses, which ultimately lead to overall improvement of the teaching-learning process. • Suggestion Box: Suggestion boxes are placed on different sections of the college campus. Students are encouraged to use the suggestion boxes to express constructive suggestions regarding teaching-learning process. • Online Feedback: Students / Parents can also send their feedback through college website, or by e-mail.**

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 (PHYSICS, CHEMISTRY, MATHEMATICS, BOTANY, MICROBIOLOGY)	520	550	550
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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

2016	1536	0	44	0	0

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	Numberof smart classrooms	E-resources and techniques used
44	14	6	2	0	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 counseling 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. • The institute provides guidance and material to those students appearing in National Graduate Physics Examinations conducted by Indian Association of Physics Teachers. • Students are encouraged to participate in the National Essay Competition organized by Department of Atomic Energy. • The students are encouraged to participate in seminars and conferences organized by various institutes. ? Career Guidance Support : • UDISHA Cell : Universal Development of Integrated Employability Skills through higher education agencies – a career counseling and placement cell has been established in the college. • Seminars for Career Guidance : Subject related carrier guidance seminar are conducted by the respective departments. • Special Classes for Career Guidance Preparation of Competitive Exams : From the academic year 2016-17, college has started special morning two hours classes for the students to provide guidance for the preparation of competitive examinations and encourage them to appear in competitive exams. Nearly 225 students are enrolled for these classes. Mr G. R. Patel has nicely organised conducted these classes. • Participation in Placement Drive of INFOSYS : Final Semester Students from Physics Maths discipline having good academic records were enrolled and encouraged to participate in the campus interview of INFOSYS held at Gujarat University. Necessary guidance and material was provided to the students for the preparation. 22 students appeared in online test conducted by INFOSYS at Gujarat University on 30/1/2017. • List of successful students of final semester was provided to HR Titan Solutions, Valem Polytechnic, Indian Laminate Manufacturer's Association and Reliance Industries Limited-Jamnagar regarding recruitment / placement when they approached our institute. • General Knowledge Test : This cell conducts the general knowledge tests of the students and guides students accordingly based on their performances. • Free Subscription of Gujarat Rojgar Samachar: Based on results of general knowledge tests conducted in 2016, one year free subscriptions of Gujarat Rojgar Samachar (State level employment newspaper) are provided to the 128 successful students. • Career Guidance to Female Students : Career guidance was given to 46 female students by DSP office, Police Training center, Gandhinagar. ? 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
1536	44	1:35

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
46	46	0	5	29

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, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2016	Dr R. K. Parwani	Assistant Professor	Travel Grant from UGC

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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	30/04/2017	19/06/2017

No file uploaded.

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

• Since our college is affiliated with Gujarat University, college has to follow the 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 Internal Assessment : As per the University guidelines all the department follows the procedure to assess students continuously by providing course / paper based assignments, conducting quiz tests, viva, regular checking of practical record books and journals, conducting students' seminars based on curriculum etc. • 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. • The components for the CIA and their weightage in terms of marks are : o Attendance : 5 Marks o Assignments : 5 Marks o Quiz/Viva/Seminar : 5 Marks o Semester End Examination : 15 Marks • College conducts internal examinations at the end of each semester. College also organize an additional test (re-test) who fails to appear in the examination due to genuine reasons like students who miss the internal test due to their medical reasons or due to participation in University sports or cultural programmes, NCC and NSS camps. • The Internal Test of each paper is of 30 marks. The pattern, blue print and paper style of the test paper is same as that of in university exams. The question paper comprises of descriptive and short answer questions.

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

• As per the guidance of principal, the IQAC cell of the college prepares academic calendar in consultation of Heads of all the Departments and chairmen of different committees of college in accordance with Gujarat University's academic calendar. • The academic calendar includes tentative schedule of all the academic activities, internal and external examinations, co-curricular activities and extra-curricular activities including sports, cultural and extension activities. • The copy of academic calendar is issued to all Heads of departments and chairmen of various committees, so that it can be executed accordingly. • College displays the Academic calendar on notice board and also uploads it on college website before the commencement of the every academic year. It provides the plan of action for the upcoming academic year to teachers, students and parents.

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	PHYSICS, CHEMISTRY, MATHEMATICS, BOTANY, MICROBIOLOGY	672	312	46.43

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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=46

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
NIL	NIL	NIL	Nill	NIL

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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	Nill

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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
Microbiology (Dr J. T. Thumar)	1

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)
International	chemistry	24	Nill
International	Biology	3	Nill
International	Microbilogy	1	Nill
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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
NIL	NIL	NIL	Nill	0	NIL	0
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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
NIL	NIL	NIL	Nill	0	0	00
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3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	17	13	1
Presented papers	3	9	8	0
Resource persons	0	1	1	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
NSS Orientation Programme (13/08/2016)	NSS	1	130

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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
NIL	NIL	NIL	0

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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 activites	Number of students participated in such activites
NSS	NSS	International Yoga Day Celebration (One week Yoga Training : 15/6/16 to 21/06/16)	64	Nill

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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
NIL	NIL	NIL	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
NIL	NIL	NIL	Nill	Nill	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	Nill	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
512000	455711
130000	177384
167245	167245

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)	Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Others	Newly Added
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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 patially)	Version	Year of automation
SOUL Software	Partially	SOUL 2.0	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	8666	Nill	225	64933	8891	64933
Reference Books	752	Nill	1	2231	753	2231
e-Books	3100000	Nill	0	Nill	3100000	Nill
Library Automation	0	Nill	1	102020	1	102020

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	Nill

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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	21	10	0	0	0	2	9	4	0
Added	29	25	0	0	0	2	2	0	0
Total	50	35	0	0	0	4	11	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	Nill

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 incurredon maintenance of physical facilites
0	0	8.02	8.02

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 out 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	Schemes of State government	352	1219573
Financial Support from Other Sources			
a) National	Nill	9	Nill
b)International	-	0	0
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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 implemetation	Number of students enrolled	Agencies involved
Special Classes for Career Guidance Preparation of Competitive Exams	22/01/2017	225	College UDISHA Cell : Mr G. R. Patel (KCG Grant)
Free Subscription of Gujarat Rojgar Samachar (For Successful Candidates of GK Test)	Nill	128	College, UDISHA, (RUSA 1.0 Component 9 Grant
DELL LAB (SCOPE)	Nill	Nill	College English Teacher
Remedial coaching	Nill	Nill	College, Each Department (RUSA 1.0 Component 9 Grant)
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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	Number of benefited students by	Number of students who have passedin	Number of studentsp placed

| 2016 | KCG Grant Udisha | 225 | 225 | Nill | Nill |

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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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Placement Fair Organised on 23/03/2017 in College 14 Companies Remained Present	377	77	(@ Gujarat University on 30/01/2017)	22	3

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2016	0	0	0	0	0
2017	0	0	0	0	0

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
NET	0
SET	0
SLET	0
GATE	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0

Any Other	0

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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
Handball Tournaments (Girls)	Inter University : National Level	1
Cricket Tournaments	Inter University : National Level	1
Cricket Tournaments	National Level	1
Tae Kwon Do	Inter University : National Level	1
Swimming Tournament	Inter College	1
Swimming Tournament	District Level	1
Swimming Tournament	State Level	1
Cricket (Boys)	State Level	1
Chess	State Level	3
Adventure(Trekking)	Gujarat University	4

View File

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
2016	–	National	Nill	Nill	Nill	Nill
2017	–	National	Nill	Nill	Nill	Nill

No file uploaded.

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

• Student council is framed by the rules and regulation of Gujarat University. A student representative is selected from every 50 students on merit basis. • Students of third and second year are selected for the post of General Secretary and Cultural General Secretary respectively. • A girl student is selected for the post of Ladies representative. • Other post of the Student council is Gymkhana General Secretary, Elocution General Secretary, and Magazine General Secretary. • The student council has the right to vote for the University Senate and student welfare election. The students are honoured at the College's Annual Day. • The sports day, cultural days, various special days, canteen day are managed by the student council. • Expenditure of the events is managed in consultation with the Student Council. • In addition to internal funds, they are permitted to raise funds through sponsors.

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 :

* **Alumni Meeting is organised on 22/01/2017**

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. Library Committee 9. Cultural Committee 10. Sports Committee 11. CWDC (Collegiate Women Development Cell) 12. NSS (National Service Scheme) 13. NCC (National Cadet Corps) 14. UGC (University Grants Commission) Committee 15. IQAC (Internal Quality Assurance Cell) 16. NAAC (National Assessment and Accreditation Council) Committee 17. AAA (Academic Administrative Audit) Committee 18. RUSA (Rashtriya Uchcha Shiksha Abhiyan) 19. Purchase Committee 20. Anti-ragging Cell 21. Discipline Committee 22. SC ST Cell 23. SRC (Student Representative Council) 24. Prize Distribution Committee 25. RTI Committee 26. ICT Committee 27. IT Committee**

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

No

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
Curriculum Development	**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. More emphasis is given on practical sessions, which includes demonstration and hands on experience.
Examination and Evaluation	? 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 assignments, regular checking of practical record-books journals, conducting quiz viva, seminars and internal test.
Research and Development	Research and Development : 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.
Library, ICT and Physical Infrastructure / Instrumentation	? Library, ICT and Physical Infrastructure / Instrumentation : More emphasis is given to upgrade library, ICT facilities and other physical infrastructure in the college from the available grants of UGC RUSA.
Industry Interaction / Collaboration	? Industry Interaction / Collaboration : To increase knowledge of the students regarding recent advances, emerging 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	? 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 2016-17. The entire admission process is carried out by Gujarat University through website http://www.gujaratuniversity.ac .in/web/custom/admissions. College level different admission committees are formed for the subsequent years, i.e., for S.Y. (Semester 3 4) T.Y. B.Sc. (Semester 5 6) 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

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

E-governace area	Details
Administration	Administration : 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.
Finance and Accounts	Finance and Accounts : 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 faculty members and staff is transferred directly to the bank account.
Student Admission and Support	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.
Examination	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.

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	-	-	-	Nill
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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	Title of the administrative training programme	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)

	organised for teaching staff	organised for non-teaching staff				
Nill	-	-	Nill	Nill	Nill	Nill
No file uploaded.						

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
OP : Orientation Programme	1	30/05/2016	26/06/2016	28
[View File](#)				

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
36	36	28	28

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
0	0	Scholarships

6.4 – Financial Management and Resource Mobilization

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

Since we are the government college, entire grants of salary and other expenditures are given by government. This expenses are subject to audit from the education department, local audit department (State government) and Accountant General office (Central Government)

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
-	0	-
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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	KCG	Yes	Department of Education, Government of Gujarat

Administrative	Yes	KCG	Yes	Department of Education, Government of Gujarat

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

-

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

-

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

-

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	No
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
2016	SSR Preparation meetings	01/12/2016	31/03/2017	Nill	36
2017	AAA Preparation meetings	01/04/2017	07/04/2017	Nill	36
2016	NAAC PREPARATION MEETING	01/12/2016	01/04/2017	Nill	36
No file uploaded.					

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
NIL	Nill	Nill	0	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
• Use of Solar Energy : Solar Rooftop Project Use of Renewable Energy : Use of Solar Rooftop : • Government Science College has stalled solar panels in good number on the terrace of the college building as well as on hostel building.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	No	Nill
Provision for lift	No	Nill
Ramp/Rails	Yes	Nill
Braille Software/facilities	No	Nill
Rest Rooms	No	Nill
Scribes for examination	No	Nill
Special skill development for differently abled students	No	Nill
Any other similar facility	No	Nill

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2016	Nill	Nill	Nill	Nill	NIL	NIL	Nill

No file uploaded.

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
NIL	Nill	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
NIL	Nil	Nil	Nil

No file uploaded.

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

* GEMI Green Audit • Use of Solar Energy : Solar Rooftop Project • Tree Plantation • Wall Painting on International Forest Day • Eco-club activities

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. Title of the Practice Canteen Day Activity 2. Goal To inculcate the social responsibility among the students and there by extending the help to needy children. 3. The Context Describe any particular contextual features or challenging issues that have had to be addressed in designing and implementing the Practice in about 150 words. 4. The Practice Describe the Practice and its implementation in about 400 words. Include anything about this practice that may be unique in the Indian higher education. Please also identify constraints or limitations, if any. Canteen day celebration is organized by college

students every year in the month of January. The students in co-ordination with Student Representative Committee (SRC) decides the number of stalls to be set up and the eatables item to be placed in the stalls. The stalls and items are allotted to the students well in advance. The students as per allotted items bring raw food items prepared from home and further they cook fully in the stalls. Food coupons are sold by students. Students and college staff buy the food coupons from the stalls and then eat the items of their choice. The rates of the items vary between Rs.10 to Rs. 30 per item. The amount collected at the end of the celebration is utilized for donating the kits consisting of note book, pencil box, eraser, compass box, pens to the Municipal Primary School students. In this way the social responsibility are inculcated amongst the students of the institution. Since, year 2012-13 this activity is practiced at our institute. The constraints – students participate with great enthusiasm, but as most of the students stay in Hostel and are from rural areas and marginalised families the income generated is limited. 5. Evidence of Success Every year more and more students participate in this celebration. The demand for canteen day celebration comes from the students side every year. This shows the willingness and enthusiasm of students and dedication for social cause and understand the social responsibility of a citizen. The table given below shows the amount generated per year after the celebration. Sr.No. Year Amount Collected Place of donation No.of persons benefited Items donated to beneficiaries 1 2012-13 7000/- Child Heaven 45 A kit comprising of Slate, Sector-7 pencil, rubber, compass box. 2 2013-14 24000/- Primary Municipal School of 600 A kit comprising of Slate, Sector-22,29,18,19,21 pencil, rubber, campass box. 3 2015-16 29000/- Primary and Higher Primary 700 A kit comprising of note Municpal School of sector-13 and book, pencil, rubber, pen students of Anganwadi school of sector-12 campass box for primary school. 4 2016-17 15000/- Army Relief Fund, Gujarat State. ---- ----- The above table shows the consecutive increase in income generated after the celebration of every year which gives an idea about the success rate of this practice. 6. Problems Encountered and Resources Required As students come prepare with raw food they require cooking gas facility for making the item completely cooked and this facility is provided by the college so no extra resources are required and even the space for stall is provided by the college in the campus itself. Over and above water facility, power supply and dustbin for maintaining campus cleanliness are provided by the college. Use of Renewable Energy : Use of Solar Rooftop : Government Science College has stalled solar panels in good number on the terrace of the college building as well as on hostel building. Using this solar penal all the bulb and fens in the class room are work. By using of these solar panels light bill is reduced by 50.

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-2016-17

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

NIL
Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

In envisioning the future plans for an academic institute, a holistic approach that integrates government schemes like SAPTADHARA and UDISHA-Placement with cultural programs and sports activities is essential. Heres a comprehensive

strategy: To improve infrastructure and teaching standards, Our institute will utilize Government funds to upgrade classrooms with modern technology, establish state-of-the-art laboratories, and enhance research facilities. Additionally, well allocate resources to train faculty members in the latest teaching methodologies and encourage them to pursue research projects aligned with national priorities. Under the UDISHA-Placement scheme, the government aims to facilitate job placements for students by bridging the gap between academia and industry. Our institute will establish a dedicated Placement Cell tasked with fostering collaborations with leading companies across various sectors. Well organize career fairs, workshops, and networking events to connect students with potential employers. Furthermore, well implement skill development programs to ensure our graduates are equipped with the necessary competencies to excel in their chosen fields. Cultural programs play a crucial role in fostering creativity, diversity, and social cohesion within the academic community. Our institute will host a range of cultural events throughout the academic year, celebrating the rich heritage and traditions of our country. These events will include music concerts, dance performances, theater productions, art exhibitions, and literary festivals. Well also encourage student-led cultural clubs to organize activities that promote cross-cultural exchange and appreciation. Recognizing the importance of physical fitness and sportsmanship, our institute will prioritize the development of sports infrastructure and programs. Well invest in the construction of multipurpose sports complexes equipped with facilities for various indoor and outdoor sports. Additionally, well establish sports academies in partnership with renowned coaches to provide specialized training in disciplines such as cricket, football, basketball, athletics, and martial arts. Intercollegiate tournaments and intramural leagues will be organized regularly to encourage participation and healthy competition among students. To ensure the successful implementation of these initiatives, our institute will adopt an integrated approach that fosters collaboration between different departments and stakeholders. Regular meetings will be held to assess progress, address challenges, and solicit feedback from students, faculty, alumni, and industry partners. Well leverage technology to streamline administrative processes, enhance communication channels, and facilitate knowledge sharing. Furthermore, well establish monitoring and evaluation mechanisms to measure the impact of our programs and make necessary adjustments based on feedback and emerging trends. By incorporating government schemes like SAPTADHARA and UDISHA-Placement with cultural programs and sports activities, our academic institute will strive to provide a holistic educational experience that nurtures intellectual curiosity, fosters professional growth, and promotes holistic development. Through collaboration, innovation, and a commitment to excellence, well empower our students to become leaders and change-makers in their respective fields, contributing to the socio-economic development of our nation.