



YEARLY STATUS REPORT - 2021-2022

Part A

Data of the Institution

1. Name of the Institution

M. G. SCIENCE INSTITUTE

- Name of the Head of the institution **Dr Vivek Upasani**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **07926302872**
- Mobile no **8866859098**
- Registered e-mail **info@mgscience.ac.in**
- Alternate e-mail **vivekupasani@gmail.com**
- Address **M G Science Institute,
Navrangpura,**
- City/Town **Ahmedabad**
- State/UT **Gujarat**
- Pin Code **380009**

2. Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**

- Location **Urban**

- Financial Status **Grants-in aid**
- Name of the Affiliating University **Gujarat University**
- Name of the IQAC Coordinator **Dr Alpana Shukla**
- Phone No. **9727716264**
- Alternate phone No. **9601602857**
- Mobile **8866859098**
- IQAC e-mail address **info@mgscience.ac.in**
- Alternate Email address **vivekupasani@gmail.com**

**3. Website address (Web link of the AQAR
(Previous Academic Year)**

https://assessmentonline.naac.gov.in/public/index.php/postaccreditation/generateHTML_aqar/eyJpdjI6IjIjBS1JvSTVSejI5R3lzcldyRURJS1E9PSIsInZhbHVlIjoib2VheUhuQ3dVTUJLdGRDVWZld0Vhdz09IiwibWFjIjoimjhjOWMzOD

4. Whether Academic Calendar prepared during the year?

No

- if yes, whether it is uploaded in the Institutional website Web link:

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	A	86.50	2007	10/02/2007	10/02/2012
Cycle 2	A	3.14	2014	24/09/2014	23/09/2019
Cycle 3	A	3.18	2021	01/03/2021	28/02/2026

6. Date of Establishment of IQAC

15/10/2011

7. Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
M.G.Science/ Geology/ Dr P.M. Solanki	Research project	Ministry of Earth sciences, New Delhi	2019 and 5 years	2118360 L
M.G.Science/ Geology/ Dr P.M. Solanki	Research project	ISRO, Ahmedabad	2020 and 4 years	2605000 L
M.G.Science/ Botany/ Dr Alpana Shukla	Research project	SAC - ISRO	2021 and 2 years	1125000 L
M.G.Science/ Botany/ Dr Alpana Shukla	Research project	SAC - ISRO	2017 and 4 years	600000

8. Whether composition of IQAC as per latest NAAC guidelines **Yes**

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year **1**

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **No**
- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10. Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

11. Significant contributions made by IQAC during the current year (maximum five bullets)

1) Preparation of SSR 2) Uploading of SSR 3) DAB corrections 4) Final SSR submissions

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

Plan of Action	Achievements/Outcomes
<p>Due to Corona there was a complete lockdown. Both students and faculty were at home only under such circumstances it was planned to continue the online education. After August it was made compulsory for faculty to attend college and take classes online.</p>	<p>It was decided to continue with the online classes of the students due to Corona. For that initially the platforms used were zoom and google meet then later on in the month of August microsoft team id was provided to all faculty member. Teams were created for all semesters. Online regularly classes were conducted by all faculties as per the time table provided by respective head. Students were asked to submit online assignments and assessment was also done online. All internal exam were conducted online. Several departments arranged webinars by eminent faculties. To overcome the limit of attendees AES has purchased webex platform.</p>

13. Whether the AQAR was placed before statutory body? **No**

- Name of the statutory body

Name	Date of meeting(s)
Nil	Nil

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

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• Name of the Head of the institution	Dr Vivek Upasani
• Designation	Principal
• Does the institution function from its own campus?	Yes
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• Pin Code	380009
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• Name of the IQAC Coordinator	Dr Alpana Shukla

• Phone No.	9727716264				
• Alternate phone No.	9601602857				
• Mobile	8866859098				
• IQAC e-mail address	info@mgscience.ac.in				
• Alternate Email address	vivekupasani@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	https://assessmentonline.naac.gov.in/public/index.php/postaccreditation/generateHTML_agar/eyJpdjI6IjlsBS1JvSTVSejI5R3lzcldyRURJS1E9PSIsInZhbHVlIjoib2VheUhuO3dVTUJLdGRDVWZld0Vhdz09IiwibWFjIjoimjhjOWMzOD				
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6.Date of Establishment of IQAC			15/10/2011		
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13. Whether the AQAR was placed before statutory body?	No
• Name of the statutory body	
Name	Date of meeting(s)
Nil	Nil
14. Whether institutional data submitted to AISHE	

Year	Date of Submission
2021 -2022	19/01/2023

15.Multidisciplinary / interdisciplinary

The college provides education in single discipline science. Certificate courses develop skills amongst the students to make them industry ready. The science program includes nine major courses and three elective papers too. Probably M.G. Science is the only institute in our city providing degree in nine science subjects. English is offered as language which is compulsory for all students though we are not offering degree in it. Geology is one unique subject that is offered only in M.G. Science. Geology department offers field projects so that the students can get hands on training. Under the aegis of NSS and NCC many activities like health awareness, sensitization programmes like awareness of environment, visit to old age homes, cleanliness drive and tree plantation are being carried out.

16.Academic bank of credits (ABC):

Our institute is affiliated to Gujarat University and our university has not yet implemented NEP 2020. Gujarat University being a state university will be automatically a part of National Academic Depository which is a government endeavor to offer an online repository for all academic awards. Our college is prepared for ABC and it will be done as soon as university gives us the guideline for the same.

17.Skill development:

Certificate courses in Bioinformatics, Cheminformatics and Geoinformatics are being offered to students for additional skill development. Finishing school project for final year students funded by KCG trains them in soft skills. It also take care of communication skill, personality development, critical thinking, stress and time management. Finishing school also teach the students how to write resume, train them for interview and presentation skills. Various seminars and guest lectures are arranged to provide an external view point on the subject. Various departments arranges industrial visit and field trips to broaden students outlook.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

M.G.Science Institute is an English medium college. We cater to

the students coming from vernacular medium along with English medium students coming from both rural and urban areas.

Initially, we train the students in Gujarati and Hindi language too till they familiarize themselves in English. Our syllabus is designed in such a manner that while talking about any field of science we emphasize the contributions of Indian scientists in that particular field. Though our vision is to create global citizen we instill a sense of patriotism among our students by celebrating all national holidays.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The college offers programmes with learning outcome based syllabus with definite learning objectives and their outcomes. For every course the objective and outcome are clearly stated ensuring that the student know what he/she is going to learn and what would be expected of him when he/she finishes the course. For OBE, college try to adapt students' centric teaching learning methodology. Laboratory sessions in each course enable the student to develop skills in that particular course. Intercollege and Intracollege competitions amongst the students are arranged so as to clarify certain concepts and make them ready to face the competitive world. Career Guidance is provided by the internal faculty as well as guest lectures as arranged for the same so as to make the student aware of the opportunities open to him/her after completion of the course. Field trips and industrial visits are arranged to provide them the exposure to real world work places.

20.Distance education/online education:

Formally the college offers no distance education programmes but it is a center for IGNOU. As a part of that center practicals are performed for B.Sc Botany, Chemistry, Geology, Physics and Zoology and M.Sc Environmental Sciences. During COVID -19 pandemic it was made mandatory to teach the students online. Various platforms like ZOOM, Google classroom, Microsoft Teams and Webex were offered to faculty and accordingly the faculty were trained also. As the college opened for the faculty recording videos of performing practicals in lab was also encouraged. The training imparted to teachers for online teaching in the post pandemic period open up the possibility of offering various courses through open and distance learning mode. The college campus is converted into Wi-Fi campus (NAMO Wifi) accessible to the students. Department wise high speed internet accessible to all faculties is also provided.

Extended Profile

1.Programme	
1.1 Number of courses offered by the institution across all programs during the year	9
File Description	Documents
Data Template	View File
2.Student	
2.1 Number of students during the year	1541
File Description	Documents
Institutional Data in Prescribed Format	View File
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	4
File Description	Documents
Data Template	View File
2.3 Number of outgoing/ final year students during the year	615
File Description	Documents
Data Template	No File Uploaded
3.Academic	
3.1 Number of full time teachers during the year	50
File Description	Documents
Data Template	View File

3.2	0
Number of sanctioned posts during the year	

File Description	Documents
Data Template	No File Uploaded

4. Institution

4.1	17
Total number of Classrooms and Seminar halls	
4.2	136682.038
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	50
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

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

Our institute is affiliated to Gujarat University and hence the curriculum is provided by the parent university. Most of our senior faculties are members of the board of studies of respective subjects and hence play a vital role in the framing of the curriculum. Academic planning is done and the academic calendar is prepared as per the calendar provided by Gujarat University. The principal of the institute calls HODs meetings and plans the session with them. Every department plans its own academic and activities calendar. The timetable committee prepares a college timetable and departmental timetables are prepared based on the college timetable. The HOD of the department consults with faculties and assigns the syllabus and workload. As far as the possible workload is distributed equally amongst the faculties. Curriculum delivery is by both the traditional chalk and board method and the use of ICT. The approach of the faculty is student-centric. Departments often invite eminent academicians, scientists, and industrialists for their expert talks.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

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

Our college follows the academic calendar provided by Gujarat University. Timely completion of syllabus, and conducting internal and external exams are included in the academic calendar of the college. The timetable committee displays a common timetable on the notice board at the entrance. Each department displays its own timetable. All notices regarding changes in the schedule are displayed on the notice board. Keeping with time all subjects have their own Whatsapp group with students. The examination committee prepares a schedule for Midsem exams to be displayed on the notice board. Assignments are given to the students with deadline to submit. Retests for internal exams are also conducted for students who miss the exam due to illness or social causes. Internal marks are also displayed on the notice board. Any queries by students are dealt with before sending internal marks to university.

File Description	Documents
Upload relevant supporting document	No File Uploaded
Link for Additional information	Nil

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	No File Uploaded
Any additional information	No File Uploaded

1.2 - Academic Flexibility

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

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

09

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	No File Uploaded
Institutional data in prescribed format (Data Template)	View File

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

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

0

File Description	Documents
Any additional information	No File Uploaded
Brochure or any other document relating to Add on /Certificate programs	No File Uploaded
List of Add on /Certificate programs (Data Template)	No File Uploaded

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

0

File Description	Documents
Any additional information	No File Uploaded
Details of the students enrolled in Subjects related to certificate/Add-on programs	No File Uploaded

1.3 - Curriculum Enrichment

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

Our institute is a pure and applied sciences college. Our syllabus includes elective courses such as Biodiversity, Environment, Climate change, Health and Hygiene. Lessons of equality are taught to students as part of their routine history of science topics very well document the role of females in the development of science. Subjects like Environmental Microbiology are included in the semester V. Botony department runs the Mitti club that spreads awareness for a sustainable environment.

File Description	Documents
Any additional information	No File Uploaded
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	No File Uploaded

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

0

File Description	Documents
Any additional information	No File Uploaded
Programme / Curriculum/ Syllabus of the courses	No File Uploaded
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	No File Uploaded
MoU's with relevant organizations for these courses, if any	No File Uploaded
Institutional Data in Prescribed Format	No File Uploaded

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

0

File Description	Documents
Any additional information	No File Uploaded
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	No File Uploaded

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni	D. Any 1 of the above
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File Description	Documents
URL for stakeholder feedback report	Nil
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	No File Uploaded
Any additional information	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows	E. Feedback not collected
File Description	Documents
Upload any additional information	No File Uploaded
URL for feedback report	Nil
TEACHING-LEARNING AND EVALUATION	
2.1 - Student Enrollment and Profile	
2.1.1 - Enrolment Number Number of students admitted during the year	
2.1.1.1 - Number of students admitted during the year	
585	
File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File
2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)	
2.1.2.1 - Number of actual students admitted from the reserved categories during the year	
982	
File Description	Documents
Any additional information	No File Uploaded
Number of seats filled against seats reserved (Data Template)	View File
2.2 - Catering to Student Diversity	
2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners	
<ul style="list-style-type: none"> Our college though is situated in an urban area our students mainly come from rural central Gujarat. Also, it is an English medium college but our students' education till secondary is in vernacular medium. So to bridge the gap 	

between CBSC and state board students, English & vernacular, and medium students, the college provides all the necessary support and resources. It conducts orientation programs, arranges lectures, and takes extra mentoring to bring the students up to their potential.

- Various programs like finishing school and seminars on soft skills are conducted for the same.
- Continuous tests and quizzes are conducted during regular teaching to assess their mental ability to group the given knowledge.
- Special programs on National Science Day and Cancer Day are arranged.
- Home assignments are given to polish their skills.
- During practicals, they are partnered with high-caliber students to facilitate learning.
- All possible help is given to those to seek it and that includes study material too.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

Number of Students	Number of Teachers
1541	50

File Description	Documents
Any additional information	No File Uploaded

2.3 - Teaching- Learning Process

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

The student's learning experience is improved by the astute blending of numerous experimental and participatory learning techniques. The problem-solving approaches are also implemented to bridge the gap between theory and practice.

Study tours, Field projects, seminars, and presentations are usually organized at the department level. The Geology department

arranged the field tour to give field knowledge too.

File Description	Documents
Upload any additional information	No File Uploaded
Link for additional information	Nil

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

- The institute has 17 classrooms with ICT capabilities. It has one smart board installed in the embedded system lab. It has a language lab fully equipped with 35 computers. The statistics department runs SPSS programs for the students to develop additional skills.
- Faculty have access to INFLBNET which is used by them to enhance their skills and knowledge. The library is partially digitalized with SOUL (2.0).
- Power presentations, audio and video clips, and smart boards all are effectively used by the faculties to improve the teaching and learning experiences

File Description	Documents
Upload any additional information	No File Uploaded
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	No File Uploaded

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

01

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	No File Uploaded
Circulars pertaining to assigning mentors to mentees	No File Uploaded
Mentor/mentee ratio	No File Uploaded

2.4 - Teacher Profile and Quality

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

50

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	No File Uploaded
Any additional information	No File Uploaded
List of the faculty members authenticated by the Head of HEI	No File Uploaded

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

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

35

File Description	Documents
Any additional information	No File Uploaded
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year (Data Template)	No File Uploaded

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

2.4.3.1 - Total experience of full-time teachers

00

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	No File Uploaded

2.5 - Evaluation Process and Reforms

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

- An examination committee is formed that rules out the rules and regulations.
- A uniform paper style for all subjects is carved and conveyed to all HODs. Paper is designed by respective faculties and submitted to the exam committee through HOD. Retest is also conducted for absent students.
- All rules for theory, as well as practicals, are displayed on notice boards along the structures of exams. Internal assessment is done by faculty and marks are displayed. During orientation, students are made aware of the examination system. The syllabus for exams is also displayed on the notice board.
- Calculation of internal marks is also explained to students. Submission dates for all assignments are displayed well in advance.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

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

- Once the papers are assessed all marks are displayed on the notice board. Also, the internal that includes marks for assignments and attendance is displayed. Students are made aware of the method involved in the preparation of internal marks.
- If any student has any grievances they can first approach to respective faculty and head. If not satisfied they can give

a written application to the exam coordinator, who then approaches the principal, and a reassessment of the paper is done.

- The exam committee also rechecks the internal marks before submitting them to the university.
- The whole process is time-bound and transparent as far as possible.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	Nil

2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

- The syllabus is being provided by an affiliated university. The PEOs are well defined along with PSOs, Pos, and Cos are conveyed to the faculty.
- In the classroom, the concerned faculty emphasize these to students.
- The BOS of each subject very carefully designs the POs and COs to align the students' skills with industrial requirements.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
Upload COs for all Programmes (exemplars from Glossary)	No File Uploaded

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

- Our institute has a meticulous plan to achieve the POs and COs through teaching, learning, and assessment. The proper implementation of syllabus, and industrial visit. Field trips and guest lectures ensure the achievement of POs.
- The COs are achieved by meaningful theory exams, viva, class debates, quizzes, etc.
- Students are encouraged to participate in co-curricular activities.

- External exams are conducted by universities but almost all of our faculties are involved as paper setters and examiners. So they also set papers to reflect POs and thus can measure the ability of students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil

2.6.3 - Pass percentage of Students during the year

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

576

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	No File Uploaded
Upload any additional information	No File Uploaded
Paste link for the annual report	Nil

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<https://mgscience.ac.in/>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

00

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

3.1.2 - Number of teachers recognized as research guides (latest completed academic year)

3.1.2.1 - Number of teachers recognized as research guides

08

File Description	Documents
Any additional information	No File Uploaded
Institutional data in prescribed format	View File

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

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

02

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

3.2 - Innovation Ecosystem

3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

- Our institute is very supportive of the requirements of both

students and faculties. It has an inspiring and inventive academic atmosphere and caters to students from all diaspora. Also, the faculty is very sympathetic.

- All our classrooms are ICT-enabled.
- The library has an Inflibnet connection and our laboratories are well equipped.
- Since it is one of the premier institutes of the city we often get students having SHE Inspire fellowship. Such students and any other who wants to pursue research are not only allowed to do so but mentored too.
- Webinars and seminars are regularly organized for both faculty and students.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year

3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year

0

File Description	Documents
Report of the event	No File Uploaded
Any additional information	No File Uploaded
List of workshops/seminars during last 5 years (Data Template)	No File Uploaded

3.3 - Research Publications and Awards

3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

0

File Description	Documents
URL to the research page on HEI website	Nil
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	View File
Any additional information	No File Uploaded

3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

22

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	View File

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

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

0

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

3.4 - Extension Activities

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

- The college has an active NSS unit and a Women Development cell that organizes various programs that sensitize students towards local issues.

- This year NSS organized a rally for voter's awareness.
- Dr. Jagrutiben organized a webinar on "Why NSS is important?"
- Our Microbiology Department provides bacterial and fungal cultures to other colleges and students involved in research. They also help in conducting experiments on the antimicrobial activity of different chemicals including plant extracts for both Ph.D. and M.Sc. students.
- Tree plantation is done every year increasing green cover.
- Blood donation camps and No Vehicle Day are several other activities that are observed as part of the cultural fest.
- NSS makes sure to teach students to cultivate empathy and help nature towards the less blessed section of society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

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

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

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

00

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

3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

00

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

3.5 - Collaboration

3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

0

File Description	Documents
e-copies of related Document	No File Uploaded
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	No File Uploaded

3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year

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

0

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

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

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

The Institute has ample and modernized infrastructure facilities for teaching and learning which includes well - equipped ICT enabled classrooms, state of art laboratories, workshops, computing equipments, auditorium, and partially digitalized library supported with reading room.

The academic building is present on a 19.2-acre land with two central gardens. 19 ICT-enabled classrooms are available for teaching.

A total of nine-degree programs are offered. Each programmes have multiple well equipped laboratories.

subject No of laboratories Biochemistry 2 Botany 2 Chemistry 5
Geology 1 Mathematics 1 Microbiology 3 Physics 4 Statistics 1
Zoology 2

One AC laboratory for embedded system.

English language lab with 50 computers.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

Institute has access to sports complex facilities provided by Ahemedabad Education Society (AES).

It includes cricket, football, basketball and volley ball.

No indoor gym facilities are availabe currently.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

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

19

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	No File Uploaded

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

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

8700.378

File Description	Documents
Upload any additional information	No File Uploaded
Upload audited utilization statements	No File Uploaded
Upload Details of budget allocation, excluding salary during the year (Data Template)	No File Uploaded

4.2 - Library as a Learning Resource

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

The institute have partially automated facility with SOUL 2.0 developed by INFLIBNET centre of UGC provided to Gujarat University.

The Library has more than 18,000 books and few magazines. Library is accessible to students during college hours.

Students can borrow books to be returned within a prescribed time period. Previous year question paper bank, books for competitive exams are available.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional Information	Nil

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

E. None of the above

File Description	Documents
Upload any additional information	No File Uploaded
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	No File Uploaded

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)**4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)****198.212**

File Description	Documents
Any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	No File Uploaded

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)**4.2.4.1 - Number of teachers and students using library per day over last one year****25**

File Description	Documents
Any additional information	No File Uploaded
Details of library usage by teachers and students	No File Uploaded

4.3 - IT Infrastructure**4.3.1 - Institution frequently updates its IT facilities including Wi-Fi**

Institute regularly updates its IT facilities. Annual maintenance contract has been procured for the same.

Under e-governance college has been connected through leased line with 100 mbps speed. (GTPL)

This facility is extended to all departments too.

A dedicated server has been equipped for network management of the college.

Available softwares are quick heal total security, Tally MS office 7, windows 10, open source software like PYTHON, Linux, SPSS, etc are in regular use by statistics department.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

4.3.2 - Number of Computers

50

File Description	Documents
Upload any additional information	No File Uploaded
List of Computers	No File Uploaded

4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	No File Uploaded
Details of available bandwidth of internet connection in the Institution	No File Uploaded

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

8700.378

File Description	Documents
Upload any additional information	No File Uploaded
Audited statements of accounts	No File Uploaded
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	No File Uploaded

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

The institution has very well-coordinated protocol for efficient maintenance and utilization of college facilities and infrastructure. The Maintenance Committee, Building Committee, Purchase Committee, College Governing Board and IQAC play an active role for maintenance and repair of infrastructure by providing necessary support systems.

Utilization of Infrastructure

i) Apart from regular lecture sessions, the classrooms are used for conducting remedial coaching, certificate courses, annual and semester examinations;

ii) Auditorium is mainly used for students activity, guest lecture and staff meetings. To avoid the clashes between the departments to use the auditorium a log book is maintained where the auditorium is used as for the priority of the activity and/or first come first basis.

The maintenance and Repair work:

i) The repair work is done as per the requirement.

ii) Annual maintenance contracts has been given to maintain the computers and CCTV surveillance.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	Nil

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

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

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

00

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	No File Uploaded
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	No File Uploaded

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	No File Uploaded

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

C. 2 of the above

File Description	Documents
Link to Institutional website	Nil
Any additional information	No File Uploaded
Details of capability building and skills enhancement initiatives (Data Template)	No File Uploaded

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
0	
5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year	
0	
File Description	Documents
Any additional information	No File Uploaded
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	No File Uploaded
5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees	A. All of the above
File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	No File Uploaded
Upload any additional information	No File Uploaded
Details of student grievances including sexual harassment and ragging cases	No File Uploaded
5.2 - Student Progression	
5.2.1 - Number of placement of outgoing students during the year	
5.2.1.1 - Number of outgoing students placed during the year	

24

File Description	Documents
Self-attested list of students placed	No File Uploaded
Upload any additional information	No File Uploaded
Details of student placement during the year (Data Template)	No File Uploaded

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

265

File Description	Documents
Upload supporting data for student/alumni	No File Uploaded
Any additional information	No File Uploaded
Details of student progression to higher education	No File Uploaded

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

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

0

File Description	Documents
Upload supporting data for the same	No File Uploaded
Any additional information	No File Uploaded
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	No File Uploaded

5.3 - Student Participation and Activities

5.3.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year

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

0

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	No File Uploaded

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

The institute has an active student union that participates in different academic, cultural, sports and administrative committees.

GS of student union is member of IQAC.

Two students are representative of students grievances redressal cell.

The anti-ragging committee and internal complaint cell also appoints two students as their representative.

Students participate in youth festival organized by affiliated university and win prizes too in all extra curricular events.

Students are always encouraged to register themselves for various seminars and co-curricular competitions like GiBioN, Manthan.

Departments like Microbiology and Biochemistry has their club where the students representative organizes and participate in curricular, co-curricular and extra-curricular activities through

out the year.

Sports secretary forms the sports forum and look after the sports event of college and ensures participation at university and state level too.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

File Description	Documents
Report of the event	No File Uploaded
Upload any additional information	No File Uploaded
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	No File Uploaded

5.4 - Alumni Engagement

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

Alumni Association was established on 30th June 2006, under society registration Act, XXI of 1860 as MAA (M.G. Science Alumni Association (Registration No F12103/Ahmadabad). Currently, the association comprises of 990 life members. MAA contributes significantly to to the development of Institution directly or indirectly through financial and other means. It provides a platform for alumni to maintain the link with their Alma mater and strives to promote education and learn from the institute. The alumni contribute in various decision making processes of the

Institute. Alumni association maintaininsalum website, social media pages. Alumni association reunites alumni from all over the world. A number of alumni have visited the campus and given lectures and group discussion on various scientific subjects and on relevant social and spiritual matter to students. Members enthusiastically participate in flag hoisting, talent programme and other celebrations at the institute. Thus, the active involvement of the Alumni provides a platform for sharing their work, technical knowledge and experience which has proved highly essential in the holistic development of the students, reflecting the core objective of the alumni association. The leading members of Alumni Association have regular interaction with Principal, management, and staff members regarding overall development of students and institute.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

E. <1Lakhs

File Description	Documents
Upload any additional information	No File Uploaded

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

M.G. Science Institute aims to impart quality education and promotes creativity with an emphasis on holistic development of the students.

Our college is an urban college but 60 percent of the students it caters comes from small towns and villages.

It is also an English medium institute but its students are from vernacular medium.

This is an one distinctive character of the institute which aims

to prepare all the students to be a global citizen irrespective of their background.

The Institute strongly focuses on, and has a distinctive performance is its teaching/learning process which is thoroughly robust and multidimensional.

To accomplish the vision of our mission :

i) To achieve the status of center for "Excellence" as we have recognized as "College with potential for excellence"

ii) To strengthen employability of students by organizing finishing schools that teaches the student soft skills like communication, resume preparation and interview skills.

iii) To nurture research attitudes among students.

iv) Organizing FDP's for teaching and learning pedagogy.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The institute enjoys grant in aid status and is managed by Ahmedabad Education society.

The Governing Body believes in decentralization and participative management in all administrative activities.

The core decision making body is governing body of AES which is communicated to the council members of AES.

Principal of the institute is one of the council member.

In absence of principal, senior most faculty acts as vice principal.

Senior faculty of the subject is appointed as the Head of the Department.

Head of the department appoints faculty incharge for FY, SY and TY.

They take care of the of day to day classes and practicals.

Various committees like admission, timetable, examination, cultural, sports, library etc., are formed.

Conveinor of each committee take care of all these activities with their members.

Laboratory assistant is incharge of the Laboratory maintenance.

Office superintendent is incharge of office clerical staff and peons.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Library, ICT and Physical Infrastructure / Instrumentation
 -Institute has partially digitized library using SOUL software and INFLIBNET. All the classrooms and some laboratories of the Institute are ICT enabled. The laboratories are well equipped. The entire campus is under CCTV surveillance.

Human Resource Management -The management provides adhoc staff when vacancies are not filled up by government so that teaching is not affected. It supports and manage human resources at all levels academic, administrative and financial.

Curriculum Development -The Institute is affiliated to the Gujarat University and many faculties are members of Board of studies in various subjects. They play an active role in designing curriculum and take feedback of their peers.

Teaching and Learning -The Institute has 30:1 ratio of students: teachers. The teachers use student centric methods. Students take part in extension activities too. Guest lectures by eminent person are regularly organized.

Examination and Evaluation - 30 and 70 marks are allotted to internal and external exams respectively. Students are made aware of all exam processes and programs well in advance. The internal marks are displayed on departmental notice board and students are given a time to report any discrepancies.

Research cell is active.

File Description	Documents
Strategic Plan and deployment documents on the website	No File Uploaded
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The college governing body is consisting of representatives from the management, academicians industries and principal of the institute.

Principal is supported in administrative, academic and financial matters by Vice principal, faculty incharges and Head of the departments.

The Non teaching office wing is comprised of a Head Clerk, Accountant and Junior Clerks to execute the college administrative responsibilities while lab assistant, plant collector, electrician, computer operator, store keeper and peons perform different duties of academic as well as administrative setup of various departmental laboratories.

Procedures for Recruitment - i) Permanent Grand in Aid posts: As per University, State Government and UGC norms these posts are filled by Government of Gujarat.

ii) Permanent AES appointed staff : These posts are filled and managed by AES.

iii) Temporary AES appointed staff : These posts are filled and managed by AES as daily wagers.

Service rules :

i) All the teaching and non teaching members have to follow the service conditions as provisioned by Government of Gujarat, Gujarat Univerisity andthe trust AES.

ii) Procedures for promotions : Promotions are strictly as per the rules of UGC, State Government and Gujarat University.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the institution webpage	Nil
Upload any additional information	No File Uploaded

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

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning)Document	No File Uploaded
Screen shots of user inter faces	No File Uploaded
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	No File Uploaded

6.3 - Faculty Empowerment Strategies

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

The College avails considerable welfare schemes for teaching and non-teaching staff members.

The college runs a Registered Credit Society for all the permanent teaching and non-teaching staff members which provides financial loans up to 5 lakh to employees in financial urgency and an accidental insurance of 1 lakh.

The other measures are: Group insurance as per Government norms.

Provident Fund Schemes:

General Provident Fund Scheme is allocated to all the Grant-in-aid To all teaching and nonteaching employees while Employee's Provident Fund Scheme is implemented for all the Management appointed teaching and non-teaching staff members.

Leave Travel Concession (LTC) to permanent employees that can be availed once in three years.

The College provides residential quarters for nonteaching staff on the campus.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

File Description	Documents
Upload any additional information	No File Uploaded
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	No File Uploaded

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

0

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	No File Uploaded
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	No File Uploaded

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

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

0

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
Details of teachers attending professional development programmes during the year (Data Template)	No File Uploaded

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

The institution has Performance Appraisal System for teaching staff following UGC regulations 2010 (and the two amendments thereafter i.e. 2018) and as per latest NAAC guidelines.

Faculty Members can offer themselves for assessment for promotion, if they fulfill the minimum API scores indicated in the appropriate API system tables by submitting an application and the required PBAS (Performance Based Appraisal System) Performa (Old or Revised, as may be applicable time to time by the UGC) as per the UGC Career Advancement Scheme guideline to the College Research Committee.

Self appraisal for teachers: Every faculty member has to submit Self-Appraisal Report to the College IQAC at the end of every academic year.

Performance Appraisal System for Non-teaching staff: All the Office as well as Laboratory Staff members have to submit Self-Appraisal Report to College IQAC after the proper evaluation by the concerned HoD at the end of every academic year

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.4 - Financial Management and Resource Mobilization

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

The college Management has appointed a Chartered Accountant Firm for College Financial Audit.

The CA firm executes internal audits.

External Audit (Government): The External / Statutory Audit is executed by a Government Auditor appointed by the Department of Higher Education, Government of Gujarat.

The audit of various Government Grants/Schemes received by our college is executed by our Chartered Accountant and the audited Utilization Certificate with detailed Statement of Expenditure is submitted to the Sanctioning Authority for the Final External Audit.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

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

0

File Description	Documents
Annual statements of accounts	No File Uploaded
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	No File Uploaded

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

1. 100% Salary Grants alongside grants for books, laboratory, building rent and other miscellaneous administrative expenses are received from Government of Gujarat. 2. Research project Grants are received from State Government funding agencies like GMDC, ISRO, Ministry of Earth Sciences..

3. RUSA Grants for Infrastructural Development, Finishing School Project, Sapta-Dhara, UDISHA and Placement are received from KCG, Govt. of Gujarat.

Other Resources of Grant:

1. Students Tuition Fees

2. Grants are received from University for various programs of NSS and organization of Student Development Activities.

3. Contribution is received from Management for CAPEX and Revenue Budget.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

6.5 - Internal Quality Assurance System

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

Due to Corona and subsequent lockdown all the activities conducted were online.

The faculty was encouraged to attend webinars.

Since NEP was declared, IQAC coordinators and members were asked to attend webinars.

NEP committee was formed to work on implementation of NEP at college level.

Information was disseminated to students to attend various webinars and online workshops.

The timetable for online lectures was distributed to students.

It was ensured that all the lectures including the videos of practicals were conducted for students.

As soon as it was safe and lockdown was lifted, physical presence of staff in college was mandatory on 50 percent basis.

The institute strictly followed all the Covid rules and regulations laid by the government.

Vaccination of staff and students was facilitated at institute level too

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

The appraisal forms for teaching and non teaching staff are analyzed by the IQAC committee and appropriate steps are taken wher ever the lacunae is been formed.

Principal calls the concerned staff member and ask him/her to make the improvements.

Punctuality of the staff member is a brave concern and IQAC have tried to address the issue by several warnings to the staff.

The students feedback are taken seriously and the report is conveyed to the principal and the management too.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

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

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	Nil
Upload e-copies of the accreditations and certifications	No File Uploaded
Upload any additional information	No File Uploaded
Upload details of Quality assurance initiatives of the institution (Data Template)	No File Uploaded

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

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

The institute firmly believes in gender equality and has cultivated a healthy gender-sensitive Environment through various curricular, co-curricular and extra-curricular activities round the year.

The WDCcell conduct seminars, workshops, competitions, grooming activities debates, discussions etc for gender equity, women safety and women empowerment.

The institute ensures safety, security and wellbeing through .

- 1) Security Guard
- 2) CCTV Monitoring
- 3) Suggestion Box
- 4) Grievance Redressal Committee
- 5) Anti-ragging Committee
- 6) Discipline Committee
- 7) Health Aid Facilities
- 8) Fire Safety Equipment
- 9) Gender sensitivity awareness programmes
- 10) Women Development Cell
- 11) Common Room Facility : The College provides separate common rooms as well as and washrooms for girls and boys

The Girls' common room facility is well ventilated and is equipped with desk, easy chairs and mirrors, additionally the common room is also equipped Sanitary Napkin Vending Machine and incinerator machine.

File Description	Documents
Annual gender sensitization action plan	Nil
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	Nil

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment	D. Any 1 of the above
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File Description	Documents
Geo tagged Photographs	No File Uploaded
Any other relevant information	No File Uploaded

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management
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<p>Solid waste management: The institute diligently follows government guidelines for waste segregation by providing and collecting waste in separate dustbins for biodegradable and non-biodegradable waste components. Solid waste is segregated in proper dustbins and the municipal corporation has a drive to collect it from the campus.</p> <p>Liquid waste Management -The liquid waste generated from laboratories, washrooms, hostels and RO systems is disposed by proper drainage system to the municipal main drain.</p> <p>Biomedical Waste Management -For disposal of Biomedical waste, Incinerator and Autoclave are used. The college has two incinerators installed in Girls Washroom which are used for disposal of used sanitary pads. The experimental waste generated in bioscience department is decontaminated in autoclave.</p> <p>E-waste management Proper steps are taken for disposal of all</p>
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kinds of electronic waste by submitting the E-waste to the Trust for proper disposal through E-waste scrap dealer. The hazardous chemicals are collected separately in containers. These chemicals are appropriately diluted, neutralized and then disposed.

The college does not generate any radioactive waste.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	No File Uploaded
Geo tagged photographs of the facilities	No File Uploaded

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	No File Uploaded
Any other relevant information	No File Uploaded

7.1.5 - Green campus initiatives include

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

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles
3. Pedestrian-friendly pathways
4. Ban on use of plastic
5. Landscaping

B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	No File Uploaded
Various policy documents / decisions circulated for implementation	No File Uploaded
Any other relevant documents	No File Uploaded

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

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

E. None of the above

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

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

B. Any 3 of the above

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

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The institute organizes and celebrates various National festivals, Regional festivals as well as birth and Death anniversaries to promote the sense Nationalism, cultural integrity and harmony amongst the students from various Communities. The prime concern of organizing diverse activities is to inculcate values of National integrity, Tolerance, Unity and Diversity of various Ethnicities. The college celebrates the following Festivals: 1. Independence Day 2. Republic Day 3. Youth Week 4. Guru Purnima 5. Vasant panchmi celebration 6. Holi Celebration 7. Christmas and New year celebration 8. Essay Writing, Elocution competition on Gandhian Philosophy and campus cleaning drive on Gandhi Jayanti 9. Azadi Ka Amrut Mahotsav : Swacchata Abhiyaan 10. Blood Donation Camp 11. Voter Awareness Programme

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	No File Uploaded
Any other relevant information	No File Uploaded

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

The students of today are future citizens of the country. The need to understand their duties and responsibilities towards the society. They also need to be aware of exercising their rights appropriately. The institution conducts various activities to sensitize students and employees for constitutional obligations,

values, rights, duties and responsibilities of citizens. The activities conducted include: 1. Azadi Ka Amrut Mahotsav : Swacchata Abhiyaan 2. Blood Donation Camp 3. Voter Awareness Programme. 4. Tree plantation 5. Covid Vaccination drive 6. Plastic free campus 7. Women empowerment 8. Save water

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

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized

A. All of the above

File Description	Documents
Code of ethics policy document	No File Uploaded
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	No File Uploaded
Any other relevant information	No File Uploaded

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

The college strongly integrates values for cultural integrity and nationalism amongst the students by celebrating and organizing various National and International Commemorative days. The details

of which are mentioned below National Festivals: The college organizes various theme based programs throughout the entire year to instill values of nationalism and patriotism in the students. The National and international days celebrated by college include:

1. National Yoga Day 2. Independence Day 3. Makar sankranti Day 4. Republic Day 5. Teacher's Day 6. Youth Week 7. Guru Purnima 8. Rakshabandhan 9 World AIDS Day 10. International Women's Day 11. International Microorganisms Day. 12. Louis Pasteur's Birthday Celebration

13. world fungi day

Birth/Death Anniversary of Great and Renowned Indian Personalities: The young citizens need to be aware of contributions of eminent personalities in our culture and nation. In this context, the college celebrates birth and death anniversaries of renowned Indian Personalities. The details are mentioned: 1. Mahatma Gandhin Jayanti as a Birth anniversary of Mahatama Gandhi 2. Swami Vivekananda Jayanti as Birth anniversary of Swami Vivekananda 3. Teacher's Day as a Birth anniversary of Dr.Sarva Palli Radhakrishana 4. Maths Day as a Birth anniversary Srinivasa Ramanujan

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	No File Uploaded
Geo tagged photographs of some of the events	No File Uploaded
Any other relevant information	No File Uploaded

7.2 - Best Practices

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

Best Practice 1 Finishing School -The objective of the Finishing School Training is to impart soft skills training, employment skills and spoken English training to the final year undergraduate students. This include training to the final year graduate students in the following components ? Personal Grooming & Personality Enhancement ? Employability Enhancement ? Leadership Skills Development ? Time Management skills ? Interview Skill

Development ? English spoken improvement ? Soft Proficiency expansion

Best Practice 2Internal and Academic Audit : The objectives are: 1) To audit annual maintenance contract for various services and bill passing activities. 2) to audit student and teachers attendance and compilation of results 3) to audit internal marks assessment procedure. By conducting a audit, the accountability of each department is adjudged and the strength and weakness are known. The audit can help to ensure punctuality, towards finishing of syllabi and understand the result pattern of the student. Internal audit, on the other hand, enables the Principal and respective committees to decide the performance of annual maintenance providers. For Practice The management has appointed a reputed firm of auditors to check the internal and academic audits semester wise.

File Description	Documents
Best practices in the Institutional website	Nil
Any other relevant information	Nil

7.3 - Institutional Distinctiveness

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

Institute aims to impart quality education and promotes creativity with an emphasis on holistic development of the students. Our college is urban college but it caters students from rural areas. It is English medium but students are from vernacular medium. Institute aims to prepare all students to be global citizen irrespective of their background. Institute focuses on teaching/learning process which is thoroughly robust and multidimensional. Institute website displays Codes of conduct and learning outcomes. FDPs and seminars for teachers are regularly conducted most recent being, a seminar on 'outcome based education'. e-governance is adopted in several areas of functioning. The traditional methods of teaching are enhanced with ICT. There is a fully function auditorium to hold seminars, cultural activities, etc. Institute invites learned speakers to share their knowledge. Institute has received the prestigious UGC-CPE and RUSA grants. Continuous comprehensive assessment is followed at Institute. Institute has strong discipline for attendance, assignments, etc. Academic audit conducted

annually. It is registered with INFLIBNET and has access to Shodhganga. Library is partially digitalized. In last five years Institute has acquired many projects. Research is also done by students. Institute encourages participation in sports, cultural and extension activities. It participates in GSIRF, NIRF accreditations.

File Description	Documents
Appropriate web in the Institutional website	No File Uploaded
Any other relevant information	No File Uploaded

7.3.2 - Plan of action for the next academic year

At Institutional level: The first and foremost plan for future includes achieving the status of CE from CPE. This would enthuse the teachers, staff and students with pride and confidence and work with full gusto to achieve quality outcomes. Next future plan is to ensure formal mentoring of all students across all classes. This would help students to deal with academic stresses and adapt to circumstances with a smile. **At Academic level:** To introduce value added certificate courses. To integrate crosscutting issues relevant to gender, environment, sustainability, professional ethics and IPR into the curriculum. We also endeavor to make students and teachers aware about IPR procedure and if possible, file for patent. To develop some smart classrooms for effective curriculum delivery. Encourage more participation of UG students in extra curricular activities to sensitize students towards social issues and societal responsibilities. To establish a central scientific laboratory, the art instruments like HPTLC and PCR for research and development and encourage more staff and students to take up projects. **Towards Green practices:** To conduct energy audit and to install solar power panels. To organize seminars and lectures on waste segregation awareness not only for students but also for teaching and non teaching staff. Other goals are to organize increased activities of placement cell so that students gain employment at early stage. To ensure that we get A+ or at least A grade in third cycle of NAAC so that we can apply for autonomy