



YEARLY STATUS REPORT - 2020-2021

Part A	
Data of the Institution	
1.Name of the Institution	THE PATIDAR GIN SCIENCE COLLEGE, BARDOLI
• Name of the Head of the institution	Dr .Bhavin R.Naik
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02622220003
• Mobile No:	9825372274
• Registered e-mail	sciencecollegebardoli@gmail.com
• Alternate e-mail	iqacpgsclubardoli@yahoo.in
• Address	The Patidar Gin Science College, Sardar Patel Marg, Sardar Baug, Bardoli, Dist-Surat, Gujarat
• City/Town	Bardoli
• State/UT	Gujarat
• Pin Code	394601
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Grants-in aid				
• Name of the Affiliating University	Veer Narmad South Gujarat University, Surat				
• Name of the IQAC Coordinator	Dr. Manish R. Tailor				
• Phone No.	02622220003				
• Alternate phone No.	02622220003				
• Mobile	8460195136				
• IQAC e-mail address	iqacpgscbardoli@yahoo.in				
• Alternate e-mail address	mtailor21@gmail.com				
3. Website address (Web link of the AQAR (Previous Academic Year))	http://www.pgscience.org/AQAR(2019-2020).html				
4. Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.pgscience.org/Academic%20Calender%202020-21.pdf				
5. Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 2	B	2.41	2016	19/02/2016	18/02/2021
6. Date of Establishment of IQAC			15/09/2006		
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	
College	NIL	NIL	2020	0	
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	2	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> 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	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<ul style="list-style-type: none"> Preparation of Academic Calendar and Formation of Committees IQAC conducted regularly meeting IQAC guided to the faculty about various process of online teaching through "Microsoft Team"(Learning Management System) software The internal evaluation like class test, assignments were being on online platform 		
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	
Self-Appraisal report	Executed	
Evaluation of students through assignment	Executed	
Evaluation through MCQs	Executed	
13.Whether the AQAR was placed before statutory body?	No	
<ul style="list-style-type: none"> Name of the statutory body 		
Name	Date of meeting(s)	
Nil	Nil	

14. Whether institutional data submitted to AISHE	
Year	Date of Submission
2020-2021	25/01/2022
15. Multidisciplinary / interdisciplinary	
NIL	
16. Academic bank of credits (ABC):	
NIL	
17. Skill development:	
NIL	
18. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)	
NIL	
19. Focus on Outcome based education (OBE): Focus on Outcome based education (OBE):	
<p>Focus on Outcome based education</p> <p>Our college runs UG courses to obtain knowledge with facts and figures related to various subjects in basic sciences such as Chemistry, Mathematics, Bioscience, Physics etc. To understand the fundamental concepts, principles and scientific theories related to various scientific phenomena and their relevance in daily life. & to acquire expertise in handling scientific instruments, planning and performing laboratory experiments with accuracy in observation and logical inferences from it. Also to aware the faculty and students about environment and sustainability</p> <p>Chemistry</p> <p>The Bachelor of Science Degree in Chemistry intended for students who are primarily interested in careers as professional chemists or wish a thorough grounding in chemistry. This three years' undergraduate program prepares students by developing knowledge base in theory as well as expertise in experimental science. Because South Gujarat is famous Chemical Industrial Zone, the main objective of this course is to increase the job opportunity of the students by preparing them with the experimental and theoretical aspects of this continuously evolving subject.</p>	

We provided students to apply appropriate techniques for the qualitative and quantitative analysis of chemicals in laboratories, handling of basic equipments, acquiring technical skills accurately and effectively communicate scientific ideas in graphic oral and written form.

Mathematics

Program trains students with the core Mathematics knowledge domains. It also makes students capable of using core concepts in the conceptualization of domain specific application & critical thinking development. Also the program develops the skills of problem solving, evaluative learning of various techniques and understanding the essence of the problem.

Bioscience

To build and strengthen in the basic fundamental of the theoretical aspect and experimental skills in Bioscience & demonstrate one's laboratory skills, enabling them to take measurements in the clinical laboratory also analyze the measurements to draw conclusions, report the results of a complex extended experiment

Physics

Apply and demonstrate knowledge of the basic concepts of Physics to analyze a wide variety of physical phenomena & understanding of essential facts, concepts, principles and theories. It also demonstrates one's laboratory skills, enabling them to take measurements in the Physics laboratory and analyze the measurements to draw valid conclusions.

Botany

Botany is a subjects deals with the study of plant life and its characteristics, delves deep into the various plant forms along with their structures, growth, use, and about their life-cycle. The subjects of study range from the smallest algae or fungi to the largest species of trees. It also deals with the various aspects of agricultural, horticulture, forestry and environment-related issues. Students get acquainted with techniques which are used in industrially important plant products.

- Our University conducted Workshop for the Guideline of NEP for the Chairman & Faculties of Board of Studies of all subjects.

In this workshop, University develops the framework for the implementation of NEP from next year.

20.Distance education/online education:

NIL

Extended Profile

1.Programme

1.1	105
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	731
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	539
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	206
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	18
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Number of full time teachers during the year		
File Description	Documents	
Data Template	View File	
3.2	23	
Number of Sanctioned posts during the year		
File Description	Documents	
Data Template	View File	
4.Institution		
4.1	7	
Total number of Classrooms and Seminar halls		
4.2	1.67	
Total expenditure excluding salary during the year (INR in lakhs)		
4.3	55	
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

- As per the present structure of The Veer Narmad South Gujarat University, the curriculum is designed by the committee formed by the Board of Studies of the respective subjects and approved by the Faculty and the Academic council of the University.
- Then the curriculum is forwarded to all the affiliated colleges of the university.
- In the beginning of the academic year, all the Head of the Departments call upon the meeting of the staff members and discuss the curriculum with them. The papers/topics of the subjects are distributed among the staff members as per the specialization and the expertise of the teachers after discussion in the meeting.
- Due to impact of Covid-19, the online learning software "Microsoft Team" is being used for effective delivery of curriculum to the students. The internal examination like class test, assignment,

university final examination are being taken on online platform. All the teachers effectively conducted the theory classes on online platform by Microsoft Team. • The students are called for performing experiments in the laboratories as per the guideline of University & SOP of covid-19. • They are instructed to prepare journal to record the experiments they have performed and get them signed by the respective teacher. • The student's attendance is also recorded, both in the theory classes as well as in the laboratories by online & offline mode.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

The college is affiliated to the Veer Narmad South Gujarat University, Surat. • The academic calendar is prepared by the University and the college follows the same • In the beginning of the academic year, the HODs convene a meeting with the respective departmental faculty members. The teaching work for the current semester is allocated to the respective teachers. • The draft plan for the academic year is discussed in the meeting regarding the assignment collection, conduct of internal examinations and their evaluations, practical viva, journal preparation and certification, co-curricular and extra-curricular activities etc. Due to COVID- 19 pandemic situation, the internal examination time table is communicated to students via What'sApp group of students in advance and college conducts unit test, class test, assignment submission on online platform periodically as per college academic calendar. Each department has submitted internal marks to University via online portal and one copy submitted to examination committee. The examination committee effectively implemented continuous monitors and evaluation process.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.pgscience.org/Academic%20Calender%202020-21.pdf

1.1.3 - Teachers of the Institution participate in B. Any 3 of the above 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

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

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

3

File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
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)	View File

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

0

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs 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	View File

1.3 - Curriculum Enrichment

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

The various programmes as a part of our curriculum are arranged related to gender equality, sustainability, human values, professional ethics and environmental awareness. The college teachers engaged students in various curricular and Co-curricular activities. Issues related with environment and environmental sustainability is manifestly integrated into university curriculum. The compulsory paper of "Environmental studies" is taught to B.Sc. I & II students. The College celebrates days of National and International importance as Republic-day, Women day, Independence Day, International Yoga Day, etc. These celebrations nurture the moral, ethical and social values in the students. The college has Women Empowerment & Anti Ragging Committee and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students. There is an extensive ongoing tree plantation program by NSS, Department of Botany and Environmental Committee.

College has installed Solar System of the capacity of 7 KW as a part of renewable energy source. LED bulbs are used in the college to save electricity consumption. Tree plantation, Plastic free campus, Utilize of Green manure and other green initiatives has been taken for environmental consciousness. Rain water conservation in underground tank and thereafter used as Distilled water for Laboratory work in Chemistry and Biology Department. These helps to make sustains green environment of college. The college celebrates the Environment Day. The college instilled equality among students through Equal Opportunity Cell.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

02

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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

32

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

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

B. Any 3 of the above

File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.pgscience.org/images/AQAR/2020-2021/student%20faculty%20feedback%20analysis.p df

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 sanctioned seats during the year

300

File Description	Documents
Any additional information	View File
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

539

File Description	Documents
Any additional information	View File
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

As far as the students admitted in the college are concerned, most of them are from the social & economically poor background. As per the student profile, more than 60% of the students are from ST/SC/OBC category. Although the college is located at the Taluka place, since the inception of college, the majority of enrolments of students have been from the surrounding Tribal area. After admissions, college adopts a process to identify slow and advance learners among students. Slow and advance learners are identified on as per their responses in the class room as well as the performance in unit test, internal examinations and students' interaction in class. After knowing slow and advance learner, the teachers prepare separate list of slow and advance learners and conducts extra lectures for weaker students. The College conducted remedial coaching for slow learners as per separate time table of slow learners. The teachers observe that weather the students easily understand the lesson, if they fail to understand the topic or teaching of a teacher, the same was having been explained again in an easy way. Slow learners students are encourage to refer advance textbook, study materials, assignment, notes, remedial coaching, and personal counseling.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
731	18

File Description	Documents
Any additional information	View File

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 college has been implementing a student-centric approach of teaching-learning for the overall development of students making them employable and globally competent

The college employed following methods to make learning effectively.

Experiential learning:

The College focuses on experiential teaching learning techniques through online due to covid-19. In academic year 2020-21 various programmes such as yoga meditation, drawing competition, was conducted through online platform. Some of the practical of Chemistry & Bioscience are directly related with daily life like checking of Hardness of drinking water, microbiological studies of food etc.

Participative learning:

Institute frequently organizes various student activities for promoting the spirit of teamwork and goodwill. Due to covid-19 pandemic, the students were almost participated through online mode in Elocution competition, patriotic song competition, quiz competition, Covid Vaccination Awareness, Tree plantation, Swatch Bharat Abhiyan, National event and days' celebration which help the students to learn the art of living in a team for Social and

community welfare. Students also participated in Online Debate on "Aatm Nirbhar India" & "Run for fitness" campaign jointly organized by NCC & NSS unit of college as a part of "Fit India campaign". This participative learning approach helped the institute to inculcate scientific temper as well as social and environmental awareness and responsibilities.

Problem Solving Method:

This method promotes critical thinking, creativity and scientific temperament. The students are expected to observe, understand, analyze and find solution that lead to a holistic understanding of the concept.

File Description	Documents
Upload any additional information	View File
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

During the latest academic year, the lockdown was deployed due to covid-19. All the teachers had conducted online lectures and examination by using online platform "Microsoft Team". The open-source learning management system, ICT enabled teaching methodologies are being used by all faculty members of our college. The lectures were recorded by this software. The recorded videos were uploaded on own page automatically by the software which can see by any students according to their free time. This year internal exams, Viva and assignments were conducted online by faculties. The college has ICT facilities in all the class rooms & smart board facilities available in seminar hall. The college teachers effectively used ICT tools for effective teaching-learning on online platform as well as offline.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

18

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

18

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

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

11

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)	View File

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

347

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

The college has performed internal evaluation process as per norms and guidelines of the "Veer Narmad South Gujarat University, Surat. Academic planning committee and examination committee prepared the internal theory and practical examination time table as per university examination circular. In advance it is communicated to students on WhatsApp group, notice board and distributed to each department. Due to covid-19 pandemic lockdown, the internal examination of odd and even semester (Academic year 2020-21) for B.Sc. courses were conducted in online mode through "Microsoft Team" software. The internal theory and practical examination schedule were communicated to students on their department wise separate WhatsApp group. The teachers communicated necessary guidelines in this regard to students on WhatsApp group. The internal theory examination was conducted by "Microsoft Team" Software as per time table. The practical examination and viva voice was conducted off-line mode in the laboratories as per the guideline of University & SOP of Covid-19. The internal evaluation was performed as per examination circular given by the Parent University. The internal examination marks are submitted by online to university examination portal through college login account. The one hard copies of marks filled up was submitted to college examination cell.

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

1. If a student is not able to appear for examination due to medical or any genuine reason, additional examination is conducted for that student as per norms provided that he/she submits application with proper documents
2. The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet and if any correction in the total of marks or assessment of answer book as identified by students are immediately done by the faculty members. Any students who are not satisfied with the assessment and award of marks by approach the concern HoD who can enter one and seek opinion of another cause teacher.
3. The institute follows open evolution system where the student performance is displayed on the notice board and the same is informed to the parents.
4. In lockdown due to Covid-19, the external theory examination question papers were set at the university level and the examination was conducted at the college level. Each student had to download the 'VNSGU Exam Application". Question papers were sent from the university to the students by Application & it opened by ID and password of student. All subjects Question paper shared to the students as per time table of University. Any technical issue such as net connectivity was resolved by respective department. The students who were having some technical problems in the online examination from home were taken to the college and offline exam was taken following rules of Covid-19.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The college is affiliated to "Veer Narmad South Gujarat University, Surat" and follow the curriculum prescribed by the university time to time. The curriculum of each subject has been designed outcomes based. All Programme outcomes (POs) and course outcomes (COs) has been displayed on college website to aware for various stakeholders.

The Programme outcomes and course outcomes are intimated to students and parents at time of admission in counseling. During the first lecture in class teachers provides the Programme outcomes and course outcomes and various opportunities after completion of Programme. The feedback of various stakeholders such as students and teacher were taken in each year about the curriculum. The various Programme related to Programme outcomes like competitive examination guidance for students are conducted through online mode. This Programme was conducted by competitive exam guidance cell regularly.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://www.pgscience.org/images/AQAR/2020-2021/Co-Po%202020-21.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

The method employed for the evaluations of program outcomes and course outcomes as given follows. The evaluation was carried out through internal and external examination. The formative assessment process was carried out includes unit test, assignment, class test, seminar, and project etc. The academic progress of students in this regard was monitored by each teacher as well as head of department. In summative assessment includes university theory examination and practical examination. Average attainment in direct method is equal to university examination (70%) + Internal examination (30%). Indirect assessment method includes employability and progression to higher education. After result declaration each department was analyzed the result of students and intimated to improve in examination next. The college organizes various extension activities through NSS, NCC & "Saptdhara" to get outcomes like social awareness, skill development and then evaluated by different methods. The Programme outcomes and course out-comes was evaluated through another method such as performance in co-curriculum, extension activity and extra-curriculum activities. These activities include NSS and sport. The respective teachers are also observed the students' performance in these activities through observation and interaction with students. Due to the Covid-19 pandemic, this year all the internal exam was taken online, hence formal evaluation was not possible

File Description	Documents
Upload any additional information	View File
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

199

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
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)

<http://www.pgscience.org/images/AQAR/2020-2021/Student%20Satisfaction%20Survey-2020-21.pdf>

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)

N.A.

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)	View File

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

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

0

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution 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)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during

the year

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

3

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

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

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

0

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

3.3 - Extension Activities

3.3.1 - 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 is organizing the various extension activities in each academic year through NSS in neighborhood community for their empowerment and eliminating ignorance. Due to the Covid-19 pandemic, this year have some limitation in the activity

For mental health and ethical development of the stakeholder's activities like an online event was organized on 21st June, 2020 under the title "YOGA@ HOME, YOGA WITH FAMILY" on the occasion of International Yoga Day. The NSS unit collaboratively works with local government body "Saradar Patel Hospital, Bardoli" for Blood donation by providing emergency blood donor from college during the whole year. It has greater impact on students and society. Our NSS unit and their volunteers actively participate in Voter's awareness Program collaboratively organized with Mamalatdar office, Bardoli. Tree plantation etc.

NSS unit organized an Awareness program on Sensitization of COVID-19 among students and Faculty. Students had actively participated by presenting posters, essay writing and poetry writing also care Birds by feeding them in pandemic.

To promote awareness on fitness to bring about behavioral changes and move towards a more physically active lifestyle, under the "Fit India campaign" organized "Run for Fit" program by NCC & NSS unit of the college.

The participation in extension and outreach activities students develops social thinking, critical thinking, development of leadership etc. These activities help them to become good citizens in society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

01

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

3.3.3 - 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

3.3.3.1 - 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

11

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

239

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

0

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. 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	View File

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 college has campus area of 9.2 acres. The college has adequate infrastructure and physical facilities such as classrooms, laboratories, seminar Hall, reading room in library, computer lab, girls common room, ramps (for physically challenged students). The college has seven classrooms. Most of the classrooms are ICT enabled classrooms having facilities like internet connection through LAN, LCD screen, LCD projector green board / white boards and CCTV cameras for security purpose. Most of the classes have curtains to avoid excess of light during the LCD projection. Generators are used for continuous supply of electricity. One of them has smart board ICT facility to conduct lectures. Laptops are given to all the departments which helps in ICT enable teaching in different classrooms. Sufficient numbers of headphone with Mikes are present in the college which helps in the online teaching process. The Microsoft Team software facility provided to students for teaching-learning as online teaching. The classroom and office premises are Wi-Fi enabled. The library is partially automated and has one reading room with computers facility. College has total 8 laboratories under all the faculties. (Physics, Chemistry, Bioscience, Botany and Computer) All the Laboratories are well equipped with sufficient number of instruments. Fire extinguishers, first aid boxes and other safety aid are kept at easily accessible points. The computer lab of college has adequate computer with printer facility. College has the underground water tank for

rainwater harvesting scheme. The college campus is maintained with cleanly & neatly atmosphere.

File Description	Documents
Upload any additional information	View File
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.

The college has facilities for sports and games and cultural activities. Even though there is a specific playground with outdoor stadium. The seminar hall is used for yoga & meditation and celebrating anniversaries of different legends of our country. The College has sound system, mike and projector in seminar hall for any event. The institution conducts various cultural activities like Patriotic Song, Essay, Debate, Quiz, Extempore, Creative writing, Fine arts, etc. Separate open air stage is available in the campus. There is an enough scope for staging cultural activities in this college. Equipments and accessories required for conducting all such activities like sound system with speakers and screens are available in the college. The department of physical education is fully equipped with indoor games facilities such as Table Tennis, Carrom, and Chess. Thereof, outdoor facilities include Kabaddi, Khokho Volleyball, Hockey, Football & Cricket. There is a Badminton court in the college campus. The college has a well equipped Gymnasium. The physical education department also has weighing machine facility. The directors of physical education regularly motivate the students in various games.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.pgscience.org/Sports%20Facility.html

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

06

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

05

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)	View File

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)

1.67

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Library is learning resources of college with partially automated through SOUL 2.0 software. The college library is partially automated from the year - 2011-12. The library management software consists of modules like Book Accession, catalogue and administration etc. The status of book can be easily find out. The details of library software are as follows.

Name of library software: SOUL software

2. Nature of Automation: Partially automated

3. Version: 2.0 4. Year of Automation: 2011-12

All books are equipped with bar-coding and accession is performed by library software. In library sufficient computer are available with Wi-Fi facility. The library has collection of various reference books, text books, journal and magazines, and newspapers etc.

File Description	Documents
Upload any additional information	View File
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)	View File

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)

0.24

File Description	Documents
Any additional information	View File
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)	View File

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

22

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

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The institute has upgraded internet connection. In last academic year, college having only one internet connection with 75 Mbps speed. It has been upgraded in academic year 2020-21 by two new internet connection with 50 Mbps speed with Wi-Fi facility. The high-speed GPL internet Wi-Fi facilities are available for teachers, office staff, and students. Due to covid-19 pandemic the lecture was conducted by online mode. So, for that purpose the internet connection has upgraded to easily projection of video lecture to the students in online teaching learning process. The online teaching learning process is enhanced through Microsoft Team software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers

55

File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution A. ? 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

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)

1.67

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

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 institute has adequate infrastructure facility to facilitate effective teaching and learning. The institution ensures optimal allocation and utilization of the available financial resources for maintenance and up-keep the facilities in consultation with the management. The management has appointed a team of technicians like electrician, plumbers, carpenters, welders and gardeners etc. to maintain the infrastructure facility and equipment. The college is in place with different professional agencies for the maintenance of on campus computers, laptop, printers, projectors, air conditioner, CCTV camera system, drinking water utility system and other such electronic appliances. The support facilities like replenishing of consumable like laser printers, toners, laboratory chemicals, stationary items etc. are also made available through pre-authorized vendors. Routing cleaning of the laboratory, library, classroom etc. is done by the departmental peons of the college. As for the cleaning of campus and garden cover elements of the college

maintenance regularly. College is having a spacious library. It is having an ample collection of textbook, reference book, journals etc. There is a walk-in register in the library. Library has it's a SOUL software. Laboratory facilities maintain for smooth and continuous practical work of science. Annual stock verification is taken up and laboratory equipment are validated and repaired periodically. Refurbishing of laboratory equipment is also done at regular intervals. College has a large playground for outdoor sports. Sports committee is constituted every year and Assistant Professor of physical education is in charge of the routine activities and maintenance of all sports facilities.

File Description	Documents
Upload any additional information	View File
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

382

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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)	View File

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 benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

20

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

D. 1 of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

File Description	Documents
Any additional information	No File Uploaded
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

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	View File
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

0

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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

154

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	View File

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	View File
Any additional information	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)	View File

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)

Every year, the college form student council as per the "Veer Narmad South Gujarat University" norms. But this year due to the Covid-19 pandemic, in the entire colleges of "Veer Narmad South Gujarat University," elections were not held and hence Student Council was not formed.

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

9

File Description	Documents
Report of the event	View File
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)	View File

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 is not registered.

- Provide Financial assistance to the needy students as a schloralship.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) E. <1Lakhs

File Description	Documents
Upload any additional information	View File

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

The IQAC of The Patidar Gin Science College, Bardoli are the main body of the college that plans policies and development of college.

Vision:

- Be an institution of the tribal belt with a culture of mutual care and commitment, a satisfying and excellent work environment and continuous learning opportunities.
- Provide a small platform to help students make themselves prepared for their future challenges and explore encouraging avenues.
- Build up its position in the state as a pioneer amongst all educational groups with consistent growth of further branches.

Mission:

- To grow as a premier educational institute committed to provide the best educational environment and excellent infrastructure in the field of education.

The IQAC has prepared yearly perspective plan. The implementation of perspective plan helps to achieve and welfare measure in tune with vision and mission.

- To promote ICT enabled teaching - learning process.
- Motivate the teachers to register and complete their research work related to

M.Phil./Ph.D.

- Skill based courses to be initiated enhance the employability of our students.
- To promote women empowerment through women development cell
- Students to be imparted the values humanity and social commitment.
- Develop a healthy atmosphere where in the campus is free of problems like

ragging, sexual harassment etc.

File Description	Documents
Paste link for additional information	http://www.pgscience.org/#:~:text=Vision,file%20of%20education.
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.

1. The institution has a system of consultation with the various stakeholders while taking important policy and operational decisions. The Principal in communication with the Management appoints faculties on different committees. The institution promotes participative management by forming different committees involving the staffs and students. All the faculties are made part of different committees..

2. The Principal decentralizes the activities of various departments with autonomy and authority to operate freely in discharging their duties to achieve the planned targets.

3. Governing body formulates working procedures and delegates the academic and operational decisions. HoDs along with faculty are empowered and given freedom to take decisions for the constructive growth of the Department.

4. HoDs take independent decisions about Financial & finalization of academic calendar, finalizing the schedule of internal assessment, field visit, organizing departmental workshops and seminars etc.

5. IQAC is empowered to take decisions on quality improvement of the institution and ICT related services as necessary.

6. The planning committee independently collects information from various departments regarding the academic and infrastructure requirements of the coming academic year and makes independent decisions in consultations with the Principal and the finance committee.

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

The functional IQAC of the college prepared the perspective plan (short term and long term) of the college. This plan was prepared after discussion and deliberation with the stakeholders of the college backed effectively by the management. Curriculum Development - In our institution, the teachers from the various Departments work as members of syllabus revision committees at the University level. Three Faculty Members are in Board of Studies of VNSGU, Surat.

Teaching and Learning: -

- Discussion about innovative ideas in each department.
- The Faculty has adopted ICT tools for teaching to make it more elaborative and understandable.

Examination and Evaluation:- In the academic year 2020- 21, FY, SY & TY exams were conducted in online mode due to the Covid -19 pandemic as per the guidelines and circulars from the University. Practical Exam of Final year was conducted off-line mode with the follow of SOP of Covid-19.

There are two ways students are examined: one is through internal & external examination evaluation which is as per the VNSGU rules.

- **Research and Development: -**
- The Faculty has adopted ICT tools for teaching to make it more elaborative and understandable.
- Some of the faculty members are actively involved in research and students are registered under them for Ph.D. Degree
- **Human Resource Management:-**
- Faculty and staff are encouraged to participate in self development program.
- **Admission of Students: -** Merit based centralized admission at the university level

File Description	Documents
Strategic Plan and deployment documents on the website	View File
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 is governed by Bardoli Pradesh Kelavani Mandal and permanently affiliated to Veer Narmad South Gujarat University, Surat.

Administrative Setup: The organizational structure consists of the Parent body of BPKM with governing body governed by the President, Vice-President, Secretary and Trustees.

At college level, the IQAC is an apex body. At par, there is a functional Internal Quality Assurance committee (IQAC) with a coordinator who is responsible for all the quality ventures in the college. The Principal is assisted by the Heads of the departments and faculty members. For official matters, the office is divided into various sections like accounts section, students section, establishment section, the store section and the section of scholarship. The college has a house cleaning staff that looks after the cleanliness and decorum of the college. Library advisory committee, sports committees and other committees with in charge and

members are formed for the varied activities all the year in the college. The institution strictly follows the service rules and policies laid by UGC, Government of Gujarat & VNSGU.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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 interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Credit Cooperative Society operated in the college and teaching, non-teaching staff are the members of it. The society provides loans to the needy members with charging a nominal interest and also provide some household things with low price.

For the Medical facility, a health centre is operative in the campus with full time doctor during college hours for the student & staff with free of charge.

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)	View File

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)	View File

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

6

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	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Every academic year all faculty members are maintained the records of performance-based appraisal system as per UGC norms with supporting document and submitted to IQAC office at end of academic year. The formats for that already given by UGC. It includes teaching, administrative work, ICT teaching -learning method, research publication, etc. The IQAC guided to fill up appraisal form and monitored time to time. IQAC evaluated the appraisal form of all faculties. The performance appraisal system for non-teaching is carried out through confidential report. The confidential report also filled out from the teaching staff at end of academic year and evaluated by principal.

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

Institution conducts internal and external financial audit regularly. The chartered accountant meticulously audits the finance related documents for all transactions. It is an audit of balance sheet, general fund income and expenditure, and receipt and payment account. Objections and questions of any kind during the audit were promptly addressed by presenting relevant documents to the auditors. Every effort was put in to maintain transparency in the financial records, and also to record corresponding documents of every financial transaction. The institution is a grant in aid basis, the regular internal financial audit was conducted or completed by Chartered Accountant appointed by college management on ever financial year regularly. The external financial audit was completed after end of accounting period.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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)	View File

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

The college mobilizes funds, the major source of institutional receipts is grant-in-aid received from Government of Gujarat as salary of the aided section. The college is also entitled to utilize some part of student fees as per the rule for meeting routine non

salary expenses. Also through alumni contribution and from other sources. The college get financial assistance from Governing Body UGC funds used for construction of laboratory and up-gradation of library facilities, improving infrastructure, maintenance of equipment, research projects, library etc. UGC plan development grants utilize for buildings, sophisticated instruments, books and journal purchases for education and research. Government Grants students from reserved communities Scholarships for SC/ ST/ OBC students fees, study tours, etc. Central/State Government funding for NSS and NCC.

The college authority invites requirements from all departments and collect list and purchase committee verified the given requirements and demanded at least two quotations from external agency and placed order. The budget allocated by management yearly for physical and academic facilities. All financial documents and bills are processed by the accounts section.

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

The college has well functional the Internal Quality Assurance Cell. It always plays a catalytic role in quality enhancement of college. The IQAC had contributed significantly in academic year 2020-21 even though covid-19 pandemic lockdown.

IQAC has following practices and strategies for institutionalization of quality assurance.

- Preparation of Action Plan.
- Preparation of Academic Calendar and Formation of Committees.
- IQAC conducted regularly meeting.
- Collect the feedback of various stakeholders.
- IQAC guided to the faculty about various process of online teaching through "Microsoft Team"(Learning Management System) software.
- The internal evaluation like class test, assignments were being on online platform.

- Various activity performed by online mode due to the Covid-19 pandemic.

File Description	Documents
Paste link for additional information	http://www.pgscience.org/images/AOAR/2020-2021/Meeting%20and%20Minuts%20-AOAR-2020-2021.pdf
Upload any additional information	View File

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 college reviews its teaching-learning process, structures & methodologies of operations and learning outcomes at periodic interval through IQAC. Following two examples of institutional reviews and implementation of teaching-learning reforms facilitated by IQAC.

Feedback and Review of learning outcomes:

The feedback is very important part in teaching learning process. The IQAC was taken online/offline feedback of student & teachers on college and curriculum. The feedbacks were analyzed and take necessary action on weakness in meeting. The students learning outcomes are reviewed through class test, assignments, seminar and university examination.

Promotion of ICT in teaching -learning:

In order to improve the online teaching -learning process in Covid-19 pandemic, the IQAC guided and gave various information of ICT tools. This initiative has resulted enhanced quality of online pedagogy. All the faculty members are used ICT tools for effective teaching-learning.

Online feedback system of various stakeholders

Review of Academic Process:

IQAC has formed academic planning and time table committee for smooth execution of teaching.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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)

D. Any 1 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	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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 institution has undertaken several gender equity and sensitization awareness programs. For the well being of female staff and students several committees has been constituted in the college like Women Empowerment Cell, Anti -ragging Cell, Grievance Redressal and Anti-sexual Harassment Cell. The college gives an equal opportunity to all individuals irrespective of gender, caste, color & religion. Specific facilities provided for safety and securities of the girls, the college has installed CCTV cameras in college premises in various places. The college has one common room facility for girl/ladies. The college provides opportunity to girls students to be the class representatives in student council. They also can

become office bearers of student council. They are placed in different committees with boys students without any discrimination. To create gender equal consciousness and to foster womanhood we celebrate International Women's day every year with great grandeur. Efforts to promote gender harmony and gender sensitization are our main concern in our co-curriculum programs and extension activities. For the holistic development of female staff and students the college is drawn upon envisioning a better society by providing freedom and equality to all.

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	http://www.pgscience.org/Facility%20For%20Women.html

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
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

Solid waste management:

Regarding the solid waste management, institute segregates degradable waste like plant leaves and non-degradable waste like paper waste. Biodegradable waste is utilized in the small Vermicompost plant in the institution for the production of compost manure. The non-degradable counterpart of the waste is collected by the local municipal waste collecting vehicle on regular basis.

Liquid waste management:

Disposal of used chemicals by students to dilute chemicals by treatment and then discarded.

Biomedical waste Management:

Biomedical waste from the microbiology department is treated first before its disposal from the safety point of view.

Hazardous chemicals and radioactive waste management:

Chemistry department of the institute is intolerant towards the use of hazardous chemicals and takes care of treatment of the waste before its disposal. Institute didn't use radioactive material.

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

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 B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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: B. Any 3 of the above

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered

vehicles

3. Pedestrian Friendly pathways

4. Ban on use of Plastic

5. Landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
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

D. Any 1 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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).

As per the norms and direction of University & the government, Institute provide admission to various religious, Cultural, linguistic and socioeconomic background students. Admissions allotted to the students are in different categories such as OPEN, OBC, SC, ST, etc. as per government reservation policy. All the discriminatory practices are perishable in the institute based on social and economic diversities. While organizing cultural programs in the college, we provide equal space to students from different socio-economic classes. Institute also intolerant towards gender-based discrimination. And thus, institute stands tall in providing an inclusive environment.

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

For the overall development of students, institute involving the students in various activities that inculcate values necessary to render them responsible citizens. This is done particularly through the NSS unit & NCC.

NSS arrange various programs such as blood donation, cleanliness drives, environment awareness program, Village camps and tree

plantation. Such activity provides platforms to the students a deeper insight about the various issues related to the common citizens.

Various activities are arranged under National initiatives such as Voters' awareness program, Swachhata Abhiyan, Yoga Day, etc. The Voters' Awareness Program was collaboratively organized with Mamaltadar Office, Bardoli on the occasion of National Voters Day on 25th January 2021. Pledges on Voters' day & read the preamble of the constitution on Independence Day and Republic Day reaffirm their commitment towards becoming responsible citizens.

NCC students find representation in the Annual Republic Day Parades, emerging disciplined and proud citizens of India

Students' Council is also constituted by holding election and ensuring all democratic principles along with confirming the norms of the Veer Narmad South Gujarat University. Hence, these pro-democratic ways of elections and selections instill a sense of constitutional obedience and obligations among the students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	View File

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

D. Any 1 of the above

File Description	Documents
Code of ethics policy document	View File
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 IQAC get prepared academic and event calendar at beginning of academic year. The college had celebrated different days as per event calendar of college. The different days had been celebrated by offline/online even though Covid-19 pandemic. The celebrated days such as National Voters Days, Republic Day, Women's Day, Independence Day etc.

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	View File

7.2 - Best Practices

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

1.Spiritual and Earthly cleanliness

2. Analysis of drinking water

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	View File

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

The vision of the college describe that we "...strive for academic excellence by exploring the potentialities of socio-economically weaker sections..." Accordingly, we duly focus upon it while carrying out each and every development in the college. Students admitted in the college concerned, most of them are from the social & economically poor background & more than 65 % are from ST, SC & OBC category. The college is very conscious about the needs of students and accordingly always strives for academic excellence in order to enable these under privileged students for the global competitions. The academic excellence is reflected in the facilities that we have created over the years for such students: Our College imparts conventional education for UG Science stream. The college has well equipped labs for all the programs concerned. There is a specious library with e-reading section and it has been partially automated. To development of Skills, employment and good personality among the students, our college started "Finishing school program" for the finale year students under the guidance of KCG Govt. of Gujarat. To character building and leadership in all walks of life and promotes the spirit of patriotism and National Integration among the youth, National Cadet Corps, Navel unit running in our college since last two years. Moreover, motivating students to actively involve in the NSS & Sports activities. To conclude, the college always takes care of its vision, priority and thrust while initiating any development on the campus.

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

• As per the present structure of The Veer Narmad South Gujarat University, the curriculum is designed by the committee formed by the Board of Studies of the respective subjects and approved by the Faculty and the Academic council of the University. • Then the curriculum is forwarded to all the affiliated colleges of the university. • In the beginning of the academic year, all the Head of the Departments call upon the meeting of the staff members and discuss the curriculum with them. The papers/topics of the subjects are distributed among the staff members as per the specialization and the expertise of the teachers after discussion in the meeting. • Due to impact of Covid-19, the online learning software "Microsoft Team" is being used for effective delivery of curriculum to the students. The internal examination like class test, assignment, university final examination are being taken on online platform. All the teachers effectively conducted the theory classes on online platform by Microsoft Team. • The students are called for performing experiments in the laboratories as per the guideline of University & SOP of covid-19. • They are instructed to prepare journal to record the experiments they have performed and get them signed by the respective teacher. • The student's attendance is also recorded, both in the theory classes as well as in the laboratories by online & offline mode.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	Nil

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

The college is affiliated to the Veer Narmad South Gujarat University, Surat. • The academic calendar is prepared by the University and the college follows the same • In the beginning of the academic year, the HODs convene a meeting with the respective

departmental faculty members. The teaching work for the current semester is allocated to the respective teachers. • The draft plan for the academic year is discussed in the meeting regarding the assignment collection, conduct of internal examinations and their evaluations, practical viva, journal preparation and certification, co-curricular and extra-curricular activities etc. Due to COVID- 19 pandemic situation, the internal examination time table is communicated to students via What'sApp group of students in advance and college conducts unit test, class test, assignment submission on online platform periodically as per college academic calendar. Each department has submitted internal marks to University via online portal and one copy submitted to examination committee. The examination committee effectively implemented continuous monitors and evaluation process.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.pgscience.org/Academic%20Calendar%202020-21.pdf

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

B. Any 3 of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

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	
3	
File Description	Documents
Any additional information	No File Uploaded
Minutes of relevant Academic Council/ BOS meetings	View File
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)	View File
1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year	
0	
1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs 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	View File
1.3 - Curriculum Enrichment	

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

The various programmes as a part of our curriculum are arranged related to gender equality, sustainability, human values, professional ethics and environmental awareness. The college teachers engaged students in various curricular and Co-curricular activities. Issues related with environment and environmental sustainability is manifestly integrated into university curriculum. The compulsory paper of "Environmental studies" is taught to B.Sc. I & II students. The College celebrates days of National and International importance as Republic-day, Women day, Independence Day, International Yoga Day, etc. These celebrations nurture the moral, ethical and social values in the students. The college has Women Empowerment & Anti Ragging Committee and Grievance Redressal Cell to provide counseling to students, promote gender equity among students and also deal with related issues of safety and security of female students. There is an extensive ongoing tree plantation program by NSS, Department of Botany and Environmental Committee. College has installed Solar System of the capacity of 7 KW as a part of renewable energy source. LED bulbs are used in the college to save electricity consumption. Tree plantation, Plastic free campus, Utilize of Green manure and other green initiatives has been taken for environmental consciousness. Rain water conservation in underground tank and thereafter used as Distilled water for Laboratory work in Chemistry and Biology Department. These helps to make sustains green environment of college. The college celebrates the Environment Day. The college instilled equality among students through Equal Opportunity Cell.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

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

02

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
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

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

32

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

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	B. Any 3 of the above
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File Description	Documents
URL for stakeholder feedback report	No File Uploaded
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	No File Uploaded

1.4.2 - Feedback process of the Institution may be classified as follows

B. Feedback collected, analyzed and action has been taken

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.pgscience.org/images/AQAR/2020-2021/student%20faculty%20feedback%20analysis.pdf

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 sanctioned seats during the year

300

File Description	Documents
Any additional information	View File
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

539

File Description	Documents
Any additional information	View File
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

As far as the students admitted in the college are concerned, most of them are from the social & economically poor background. As per the student profile, more than 60% of the students are from ST/SC/OBC category. Although the college is located at the Taluka place, since the inception of college, the majority of enrolments of students have been from the surrounding Tribal area. After admissions, college adopts a process to identify slow and advance learners among students. Slow and advance learners are identified on as per their responses in the class room as well as the performance in unit test, internal examinations and students' interaction in class. After knowing slow and advance learner, the teachers prepare separate list of slow and advance learners and conducts extra lectures for weaker students. The College conducted remedial coaching for slow learners as per separate time table of slow learners. The teachers observe that weather the students easily understand the lesson, if they fail to understand the topic or teaching of a teacher, the same was having been explained again in an easy way. Slow learners students are encourage to refer advance textbook, study materials, assignment, notes, remedial coaching, and personal counseling.

File Description	Documents
Link for additional Information	Nil
Upload any additional information	View File

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

Number of Students	Number of Teachers
731	18

File Description	Documents
Any additional information	View File

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 college has been implementing a student-centric approach of teaching-learning for the overall development of students making them employable and globally competent

The college employed following methods to make learning effectively.

Experiential learning:

The College focuses on experiential teaching learning techniques through online due to covid-19. In academic year 2020-21 various programmes such as yoga meditation, drawing competition, was conducted through online platform. Some of the practical of Chemistry & Bioscience are directly related with daily life like checking of Hardness of drinking water, microbiological studies of food etc.

Participative learning:

Institute frequently organizes various student activities for promoting the spirit of teamwork and goodwill. Due to covid-19 pandemic, the students were almost participated through online mode in Elocution competition, patriotic song competition, quiz competition, Covid Vaccination Awareness, Tree plantation, Swatch Bharat Abhiyan, National event and days' celebration which help the students to learn the art of living in a team for Social and community welfare. Students also participated in Online Debate on "Aatm Nirbhar India" & "Run for fitness" campaign jointly organized by NCC & NSS unit of college as a part of "Fit India campaign". This participative learning approach helped the institute to inculcate scientific temper as well as social and environmental awareness and responsibilities.

Problem Solving Method:

This method promotes critical thinking, creativity and scientific temperament. The students are expected to observe, understand,

analyze and find solution that lead to a holistic understanding of the concept.

File Description	Documents
Upload any additional information	View File
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

During the latest academic year, the lockdown was deployed due to covid-19. All the teachers had conducted online lectures and examination by using online platform "Microsoft Team". The open-source learning management system, ICT enabled teaching methodologies are being used by all faculty members of our college. The lectures were recorded by this software. The recorded videos were uploaded on own page automatically by the software which can see by any students according to their free time. This year internal exams, Viva and assignments were conducted online by faculties. The college has ICT facilities in all the class rooms & smart board facilities available in seminar hall. The college teachers effectively used ICT tools for effective teaching-learning on online platform as well as offline.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	Nil

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

18

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

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

18

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

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

11

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)	View File

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

347

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

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.

The college has performed internal evaluation process as per norms and guidelines of the "Veer Narmad South Gujarat University, Surat. Academic planning committee and examination committee prepared the internal theory and practical examination time table as per university examination circular. In advance it is communicated to students on WhatsApp group, notice board and distributed to each department. Due to covid-19 pandemic lockdown, the internal examination of odd and even semester (Academic year 2020-21) for B.Sc. courses were conducted in online mode through "Microsoft Team" software. The internal theory and practical examination schedule were communicated to students on their department wise separate WhatsApp group. The teachers communicated necessary guidelines in this regard to students on WhatsApp group. The internal theory examination was conducted by "Microsoft Team" Software as per time table. The practical examination and viva voice was conducted off-line mode in the laboratories as per the guideline of University & SOP of Covid-19. The internal evaluation was performed as per examination circular given by the Parent University. The internal examination marks are submitted by online to university examination portal through college login account. The one hard copies of marks filled up was submitted to college examination cell.

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

1. If a student is not able to appear for examination due to medical or any genuine reason, additional examination is conducted for that student as per norms provided that he/she submits application with proper documents
2. The grievances of the students with reference to assessment are made clear by showing his/her performance in the answer sheet and if any correction in the total of marks or assessment of answer book as identified by students are immediately done by the faculty members. Any students who are not satisfied with the assessment and award of marks by approach the concern HoD who can enter one and seek opinion of another cause teacher.
3. The institute follows open evolution system where the student performance is displayed on the notice board and the same is informed to the parents.
4. In lockdown due to Covid-19, the external theory examination question papers were set at the university level and the examination was conducted at the college level. Each student had to download the "VNSGU Exam Application". Question papers were sent from the university to the students by Application & it opened by ID and password of student. All subjects Question paper shared to the students as per time table of University. Any technical issue such as net connectivity was resolved by respective department. The students who were having some technical problems in the online examination from home were taken to the college and offline exam was taken following rules of Covid-19.

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

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The college is affiliated to "Veer Narmad South Gujarat University, Surat" and follow the curriculum prescribed by the university time to time. The curriculum of each subject has been designed outcomes based. All Programme outcomes (POs) and course outcomes (COs) has been displayed on college website to aware for various stakeholders. The Programme outcomes and course outcomes

are intimated to students and parents at time of admission in counseling. During the first lecture in class teachers provides the Programme outcomes and course outcomes and various opportunities after completion of Programme. The feedback of various stakeholders such as students and teacher were taken in each year about the curriculum. The various Programme related to Programme outcomes like competitive examination guidance for students are conducted through online mode. This Programme was conducted by competitive exam guidance cell regularly.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	http://www.pgscience.org/images/AQAR/2020-2021/Co-Po%202020-21.pdf
Upload COs for all courses (exemplars from Glossary)	View File

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

The method employed for the evaluations of program outcomes and course outcomes as given follows. The evaluation was carried out through internal and external examination. The formative assessment process was carried out includes unit test, assignment, class test, seminar, and project etc. The academic progress of students in this regard was monitored by each teacher as well as head of department. In summative assessment includes university theory examination and practical examination. Average attainment in direct method is equal to university examination (70%) + Internal examination (30%). Indirect assessment method includes employability and progression to higher education. After result declaration each department was analyzed the result of students and intimated to improve in examination next. The college organizes various extension activities through NSS, NCC & "Saptdhara" to get outcomes like social awareness, skill development and then evaluated by different methods. The Programme outcomes and course out-comes was evaluated through another method such as performance in co-curriculum, extension activity and extra-curriculum activities. These activities include NSS and sport. The respective teachers are also observed the students' performance in these activities through observation and interaction with students. Due to the Covid-19 pandemic, this year all the internal exam was taken online, hence formal evaluation was not possible

File Description	Documents
Upload any additional information	View File
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

199

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
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)

<http://www.pgscience.org/images/AQAR/2020-2021/Student%20Satisfaction%20Survey-2020-21.pdf>

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)

N.A.

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)	View File

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

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

0

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

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution 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)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year**3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year**

3

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

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year**3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year**

0

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

3.3 - Extension Activities

3.3.1 - 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 is organizing the various extension activities in each academic year through NSS in neighborhood community for their empowerment and eliminating ignorance. Due to the Covid-19 pandemic, this year have some limitation in the activity

For mental health and ethical development of the stakeholder's activities like an online event was organized on 21st June, 2020 under the title "YOGA@ HOME, YOGA WITH FAMILY" on the occasion of International Yoga Day. The NSS unit collaboratively works with local government body "Saradar Patel Hospital, Bardoli" for Blood donation by providing emergency blood donor from college during the whole year. It has greater impact on students and society.

Our NSS unit and their volunteers actively participate in Voter's awareness Program collaboratively organized with Mamalatdar office, Bardoli. Tree plantation etc.

NSS unit organized an Awareness program on Sensitization of COVID-19 among students and Faculty. Students had actively participated by presenting posters, essay writing and poetry writing also care Birds by feeding them in pandemic.

To promote awareness on fitness to bring about behavioral changes and move towards a more physically active lifestyle, under the "Fit India campaign" organized "Run for Fit" program by NCC & NSS unit of the college.

The participation in extension and outreach activities students develops social thinking, critical thinking, development of leadership etc. These activities help them to become good citizens in society.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

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

01

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

3.3.3 - 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

3.3.3.1 - 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

11

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

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

239

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

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

0

File Description	Documents
e-copies of linkage related Document	No File Uploaded
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	No File Uploaded

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. 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	View File

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 college has campus area of 9.2 acres. The college has adequate infrastructure and physical facilities such as classrooms, laboratories, seminar Hall, reading room in library, computer lab, girls common room, ramps (for physically challenged students). The college has seven classrooms. Most of the classrooms are ICT enabled classrooms having facilities like internet connection through LAN, LCD screen, LCD projector green board / white boards and CCTV cameras for security purpose. Most of the classes have curtains to avoid excess of light during the LCD projection. Generators are used for continuous supply of electricity. One of them has smart board ICT facility to conduct lectures. Laptops are given to all the departments which helps in

ICT enable teaching in different classrooms. Sufficient numbers of headhone with Mikes are present in the college which helps in the online teaching process. The Microsoft Team software facility provided to students for teaching-learning as online teaching. The classroom and office premises are Wi-Fi enabled. The library is partially automated and has one reading room with computers facility. College has total 8 laboratories under all the faculties. (Physics, Chemistry, Bioscience, Botany and Computer) All the Laboratories are well equipped with sufficient number of instruments. Fire extinguishers, first aid boxes and other safety aid are kept at easily accessible points. The computer lab of college has adequate computer with printer facility. College has the underground water tank for rainwater harvesting scheme. The college campus is maintained with cleanly & neatly atmosphere.

File Description	Documents
Upload any additional information	View File
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.

The college has facilities for sports and games and cultural activities. Even though there is a specific playground with outdoor stadium. The seminar hall is used for yoga & meditation and celebrating anniversaries of different legends of our country. The College has sound system, mike and projector in seminar hall for any event. The institution conducts various cultural activities like Patriotic Song, Essay, Debate, Quiz, Extempore, Creative writing, Fine arts, etc. Separate open air stage is available in the campus. There is an enough scope for staging cultural activities in this college. Equipments and accessories required for conducting all such activities like sound system with speakers and screens are available in the college. The department of physical education is fully equipped with indoor games facilities such as Table Tennis, Carrom, and Chess. Thereof, outdoor facilities include Kabaddi, Khokho Volleyball, Hockey, Football & Cricket. There is a Badminton court in the college campus. The college has a well equipped Gymnasium. The physical education department also has weighing machine facility. The directors of physical education regularly motivate the students in various games.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	http://www.pgscience.org/Sports%20Facility.html

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

06

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

05

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)	View File

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)

1.67

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

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

Library is learning resources of college with partially automated through SOUL 2.0 software. The college library is partially automated from the year - 2011-12. The library management software consists of modules like Book Accession, catalogue and administration etc. The status of book can be easily find out. The details of library software are as fallows.

Name of library software: SOUL software

2. Nature of Automation: Partially automated

3. Version: 2.0 4. Year of Automation: 2011-12

All books are equipped with bar-coding and accession is performed by library software. In library sufficient computer are available with Wi-Fi facility. The library has collection of various reference books, text books, journal and magazines, and newspapers etc.

File Description	Documents
Upload any additional information	View File
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)	View File

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)**0.24**

File Description	Documents
Any additional information	View File
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)	View File

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****22**

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

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

The institute has upgraded internet connection. In last academic year, college having only one internet connection with 75 Mbps speed. It has been upgraded in academic year 2020-21 by two new internet connection with 50 Mbps speed with Wi-Fi facility. The high-speed GTPPL internet Wi-Fi facilities are available for teachers, office staff, and students. Due to covid-19 pandemic the lecture was conducted by online mode. So, for that purpose the internet connection has upgraded to easily projection of video lecture to the students in online teaching learning process. The online teaching learning process is enhanced through Microsoft Team software.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	Nil

4.3.2 - Number of Computers	
55	
File Description	Documents
Upload any additional information	No File Uploaded
Student – computer ratio	View File
4.3.3 - Bandwidth of internet connection in the Institution	A. ? 50MBPS
File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File
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)	
1.67	
File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File
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 institute has adequate infrastructure facility to facilitate effective teaching and learning. The institution ensures optimal allocation and utilization of the available financial resources for maintenance and up-keep the facilities in consultation with	

the management. The management has appointed a team of technicians like electrician, plumbers, carpenters, welders and gardeners etc. to maintain the infrastructure facility and equipment. The college is in place with different professional agencies for the maintenance of on campus computers, laptop, printers, projectors, air conditioner, CCTV camera system, drinking water utility system and other such electronic appliances. The support facilities like replenishing of consumable like laser printers, toners, laboratory chemicals, stationary items etc. are also made available through pre-authorized vendors. Routing cleaning of the laboratory, library, classroom etc. is done by the departmental peons of the college. As for the cleaning of campus and garden cover elements of the college maintenance regularly. College is having a spacious library. It is having an ample collection of textbook, reference book, journals etc. There is a walk-in register in the library. Library has it's a SOUL software. Laboratory facilities maintain for smooth and continuous practical work of science. Annual stock verification is taken up and laboratory equipment are validated and repaired periodically. Refurbishing of laboratory equipment is also done at regular intervals. College has a large playground for outdoor sports. Sports committee is constituted every year and Assistant Professor of physical education is in charge of the routine activities and maintenance of all sports facilities.

File Description	Documents
Upload any additional information	View File
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

382

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
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)	View File

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

20

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

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

D. 1 of the above

File Description	Documents
Link to institutional website	Nil
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

105

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)	View File

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	View File
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**

0	
File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	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	
154	
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	View File
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	View File
Any additional information	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)	View File

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)

Every year, the college form student council as per the "Veer Narmad South Gujarat University" norms. But this year due to the Covid-19 pandemic, in the entire colleges of "Veer Narmad South Gujarat University," elections were not held and hence Student Council was not formed.

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

9

File Description	Documents
Report of the event	View File
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)	View File

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 is not registered.

- Provide Financial assistance to the needy students as a scholarship.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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

E. <1Lakhs

File Description	Documents
Upload any additional information	View File

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

The IQAC of The Patidar Gin Science College, Bardoli are the main body of the college that plans policies and development of college.

Vision:

- Be an institution of the tribal belt with a culture of mutual care and commitment, a satisfying and excellent work environment and continuous learning opportunities.
- Provide a small platform to help students make themselves prepared for their future challenges and explore encouraging avenues.
- Build up its position in the state as a pioneer amongst all educational groups with consistent growth of further branches.

Mission:

- To grow as a premier educational institute committed to provide the best educational environment and excellent infrastructure in the field of education.

The IQAC has prepared yearly perspective plan. The implementation of perspective plan helps to achieve and welfare measure in tune with vision and mission.

- To promote ICT enabled teaching - learning process.
- Motivate the teachers to register and complete their research work related to

M.Phil./Ph.D.

- Skill based courses to be initiated enhance the employability of our students.
- To promote women empowerment through women development cell
- Students to be imparted the values humanity and social commitment.
- Develop a healthy atmosphere where in the campus is free of problems like ragging, sexual harassment etc.

File Description	Documents
Paste link for additional information	http://www.pgscience.org/#:~:text=Vision,field%20of%20education.
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.

1. The institution has a system of consultation with the various stakeholders while taking important policy and operational decisions. The Principal in communication with the Management appoints faculties on different committees. The institution promotes participative management by forming different committees involving the staffs and students. All the faculties are made part of different committees..

2. The Principal decentralizes the activities of various departments with autonomy and authority to operate freely in discharging their duties to achieve the planned targets.

3. Governing body formulates working procedures and delegates the academic and operational decisions. HoDs along with faculty are empowered and given freedom to take decisions for the constructive growth of the Department.

4. HoDs take independent decisions about Financial & finalization of academic calendar, finalizing the schedule of internal assessment, field visit, organizing departmental workshops and seminars etc.

5. IQAC is empowered to take decisions on quality improvement of the institution and ICT related services as necessary.

6. The planning committee independently collects information from various departments regarding the academic and infrastructure requirements of the coming academic year and makes independent decisions in consultations with the Principal and the finance committee.

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

The functional IQAC of the college prepared the perspective plan (short term and long term) of the college. This plan was prepared after discussion and deliberation with the stakeholders of the college backed effectively by the management. Curriculum Development - In our institution, the teachers from the various Departments work as members of syllabus revision committees at the University level. Three Faculty Members are in Board of Studies of VNSGU, Surat.

Teaching and Learning: -

- Discussion about innovative ideas in each department.
- The Faculty has adopted ICT tools for teaching to make it more elaborative and understandable.

Examination and Evaluation:- In the academic year 2020- 21, FY, SY & TY exams were conducted in online mode due to the Covid -19 pandemic as per the guidelines and circulars from the University. Practical Exam of Final year was conducted off-line mode with the follow of SOP of Covid-19.

There are two ways students are examined: one is through internal & external examination evaluation which is as per the VNSGU rules.

- Research and Development: -
- The Faculty has adopted ICT tools for teaching to make it more elaborative and understandable.
- Some of the faculty members are actively involved in research and students are registered under them for Ph.D. Degree
- Human Resource Management:-

- Faculty and staff are encouraged to participate in self development program.
- Admission of Students: - Merit based centralized admission at the university level

File Description	Documents
Strategic Plan and deployment documents on the website	View File
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 is governed by Bardoli Pradesh Kelavani Mandal and permanently affiliated to Veer Narmad South Gujarat University, Surat.

Administrative Setup: The organizational structure consists of the Parent body of BPKM with governing body governed by the President, Vice-President, Secretary and Trustees.

At college level, the IQAC is an apex body. At par, there is a functional Internal Quality Assurance committee (IQAC) with a coordinator who is responsible for all the quality ventures in the college. The Principal is assisted by the Heads of the departments and faculty members. For official matters, the office is divided into various sections like accounts section, students section, establishment section, the store section and the section of scholarship. The college has a house cleaning staff that looks after the cleanliness and decorum of the college. Library advisory committee, sports committees and other committees with in charge and members are formed for the varied activities all the year in the college. The institution strictly follows the service rules and policies laid by UGC, Government of Gujarat & VNSGU.

File Description	Documents
Paste link for additional information	Nil
Link to Organogram of the Institution webpage	Nil
Upload any additional information	View File

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 interfaces	View File
Any additional information	No File Uploaded
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

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

Credit Cooperative Society operated in the college and teaching, non-teaching staff are the members of it. The society provides loans to the needy members with charging a nominal interest and also provide some household things with low price.

For the Medical facility, a health centre is operative in the campus with full time doctor during college hours for the student & staff with free of charge.

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)	View File

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)	View File

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

6

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	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

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

Every academic year all faculty members are maintained the records of performance-based appraisal system as per UGC norms with supporting document and submitted to IQAC office at end of academic year. The formats for that already given by UGC. It includes teaching, administrative work, ICT teaching -learning method, research publication, etc. The IQAC guided to fill up appraisal form and monitored time to time. IQAC evaluated the appraisal form of all faculties. The performance appraisal system for non-teaching is carried out through confidential report. The confidential report also filled out from the teaching staff at end of academic year and evaluated by principal.

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

Institution conducts internal and external financial audit regularly. The chartered accountant meticulously audits the finance related documents for all transactions. It is an audit of

balance sheet, general fund income and expenditure, and receipt and payment account. Objections and questions of any kind during the audit were promptly addressed by presenting relevant documents to the auditors. Every effort was put in to maintain transparency in the financial records, and also to record corresponding documents of every financial transaction. The institution is a grant in aid basis, the regular internal financial audit was conducted or completed by Chartered Accountant appointed by college management on ever financial year regularly. The external financial audit was completed after end of accounting period.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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)	View File

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

The college mobilizes funds, the major source of institutional receipts is grant-in-aid received from Government of Gujarat as salary of the aided section. The college is also entitled to utilize some part of student fees as per the rule for meeting routine non salary expenses. Also through alumni contribution and from other sources. The college get financial assistance from Governing Body UGC funds used for construction of laboratory and up-gradation of library facilities, improving infrastructure,

maintenance of equipment, research projects, library etc. UGC plan development grants utilize for buildings, sophisticated instruments, books and journal purchases for education and research. Government Grants students from reserved communities Scholarships for SC/ ST/ OBC students fees, study tours, etc. Central/State Government funding for NSS and NCC.

The college authority invites requirements from all departments and collect list and purchase committee verified the given requirements and demanded at least two quotations from external agency and placed order. The budget allocated by management yearly for physical and academic facilities. All financial documents and bills are processed by the accounts section.

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

The college has well functional the Internal Quality Assurance Cell. It always plays a catalytic role in quality enhancement of college. The IQAC had contributed significantly in academic year 2020-21 even though covid-19 pandemic lockdown.

IQAC has following practices and strategies for institutionalization of quality assurance.

- Preparation of Action Plan.
- Preparation of Academic Calendar and Formation of Committees.
- IQAC conducted regularly meeting.
- Collect the feedback of various stakeholders.
- IQAC guided to the faculty about various process of online teaching through "Microsoft Team"(Learning Management System) software.
- The internal evaluation like class test, assignments were being on online platform.
- Various activity performed by online mode due to the Covid-19 pandemic.

File Description	Documents
Paste link for additional information	http://www.pgscience.org/images/AQAR/2020-2021/Meeting%20and%20Minuts%20-AQAR-2020-2021.pdf
Upload any additional information	View File

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 college reviews its teaching-learning process, structures & methodologies of operations and learning outcomes at periodic interval through IQAC. Following two examples of institutional reviews and implementation of teaching-learning reforms facilitated by IQAC.

Feedback and Review of learning outcomes:

The feedback is very important part in teaching learning process. The IQAC was taken online/offline feedback of student & teachers on college and curriculum. The feedbacks were analyzed and take necessary action on weakness in meeting. The students learning outcomes are reviewed through class test, assignments, seminar and university examination.

Promotion of ICT in teaching -learning:

In order to improve the online teaching -learning process in Covid-19 pandemic, the IQAC guided and gave various information of ICT tools. This initiative has resulted enhanced quality of online pedagogy. All the faculty members are used ICT tools for effective teaching-learning.

Online feedback system of various stakeholders

Review of Academic Process:

IQAC has formed academic planning and time table committee for smooth execution of teaching.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	View File

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)	D. Any 1 of the above
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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	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

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 institution has undertaken several gender equity and sensitization awareness programs. For the well being of female staff and students several committees has been constituted in the college like Women Empowerment Cell, Anti -ragging Cell, Grievance Redressal and Anti-sexual Harassment Cell. The college gives an equal opportunity to all individuals irrespective of gender, caste, color & religion. Specific facilities provided for safety and securities of the girls, the college has installed CCTV cameras in college premises in various places. The college has one common room facility for girl/ladies. The college

provides opportunity to girls students to be the class representatives in student council. They also can become office bearers of student council. They are placed in different committees with boys students without any discrimination. To create gender equal consciousness and to foster womanhood we celebrate International Women's day every year with great grandeur. Efforts to promote gender harmony and gender sensitization are our main concern in our co-curriculum programs and extension activities. For the holistic development of female staff and students the college is drawn upon envisioning a better society by providing freedom and equality to all.

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	http://www.pgscience.org/Facility%20For%20Women.html

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	View File
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

Solid waste management:

Regarding the solid waste management, institute segregates degradable waste like plant leaves and non-degradable waste like paper waste. Biodegradable waste is utilized in the small Vermi-compost plant in the institution for the production of compost

manure. The non-degradable counterpart of the waste is collected by the local municipal waste collecting vehicle on regular basis.

Liquid waste management:

Disposal of used chemicals by students to dilute chemicals by treatment and then discarded.

Biomedical waste Management:

Biomedical waste from the microbiology department is treated first before its disposal from the safety point of view.

Hazardous chemicals and radioactive waste management:

Chemistry department of the institute is intolerant towards the use of hazardous chemicals and takes care of treatment of the waste before its disposal. Institute didn't use radioactive material.

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

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

B. Any 3 of the above

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

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for

B. Any 3 of the above

greening the campus are as follows:	
<ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	
File Description	Documents
Geo tagged photos / videos of the facilities	View File
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	D. Any 1 of the above

of reading material, screen	reading
File Description	Documents
Geo tagged photographs / videos of the facilities	View File
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).	
<p>As per the norms and direction of University & the government, Institute provide admission to various religious, Cultural, linguistic and socioeconomic background students. Admissions allotted to the students are in different categories such as OPEN, OBC, SC, ST, etc. as per government reservation policy. All the discriminatory practices are perishable in the institute based on social and economic diversities. While organizing cultural programs in the college, we provide equal space to students from different socio-economic classes. Institute also intolerant towards gender-based discrimination. And thus, institute stands tall in providing an inclusive environment.</p>	
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	
<p>For the overall development of students, institute involving the students in various activities that inculcate values necessary to render them responsible citizens. This is done particularly through the NSS unit & NCC.</p>	

NSS arrange various programs such as blood donation, cleanliness drives, environment awareness program, Village camps and tree plantation. Such activity provides platforms to the students a deeper insight about the various issues related to the common citizens.

Various activities are arranged under National initiatives such as Voters' awareness program, Swachhata Abhiyan, Yoga Day, etc. The Voters' Awareness Program was collaboratively organized with Mamaltadar Office, Bardoli on the occasion of National Voters Day on 25th January 2021. Pledges on Voters' day & read the preamble of the constitution on Independence Day and Republic Day reaffirm their commitment towards becoming responsible citizens.

NCC students find representation in the Annual Republic Day Parades, emerging disciplined and proud citizens of India

Students' Council is also constituted by holding election and ensuring all democratic principles along with confirming the norms of the Veer Narmad South Gujarat University. Hence, these pro-democratic ways of elections and selections instill a sense of constitutional obedience and obligations among the students.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	No File Uploaded
Any other relevant information	View File

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

D. Any 1 of the above

File Description	Documents
Code of ethics policy document	View File
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 IQAC get prepared academic and event calendar at beginning of academic year. The college had celebrated different days as per event calendar of college. The different days had been celebrated by offline/online even though Covid-19 pandemic. The celebrated days such as National Voters Days, Republic Day, Women's Day, Independence Day etc.

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	View File

7.2 - Best Practices

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

1.Spiritual and Earthly cleanliness

2. Analysis of drinking water

File Description	Documents
Best practices in the Institutional web site	No File Uploaded
Any other relevant information	View File

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

The vision of the college describe that we "...strive for academic excellence by exploring the potentialities of socio-economically weaker sections..." Accordingly, we duly focus upon it while carrying out each and every development in the college. Students admitted in the college concerned, most of them are from the social & economically poor background & more than 65 % are from ST, SC & OBC category. The college is very conscious about the needs of students and accordingly always strives for academic excellence in order to enable these under privileged students for the global competitions. The academic excellence is reflected in the facilities that we have created over the years for such students: Our College imparts conventional education for UG Science stream. The college has well equipped labs for all the programs concerned. There is a spacious library with e-reading section and it has been partially automated. To development of Skills, employment and good personality among the students, our college started "Finishing school program" for the finale year students under the guidance of KCG Govt. of Gujarat. To character building and leadership in all walks of life and promotes the spirit of patriotism and National Integration among the youth, National Cadet Corps, Navel unit running in our college since last two years. Moreover, motivating students to actively involve in the NSS & Sports activities. To conclude, the college always takes care of its vision, priority and thrust while initiating any development on the campus.

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

Future Plans of action for the next academic year will help us to work in a progressive direction while channelizing our efforts and the ability for the betterment of our institution and students. The following are the part of an action plan which includes the aims:

- To start "Finishing School" for skill development of final year students with collaboration with KCG.

- To start short term course for the students.
- To arrange invited talks on different topics of current affairs and others.
- To arrange Faculty exchange program under the MOU.
- To inspire the students to participate in various Academic activities on -off the campus.
- To encourage students to participate in NCC/NSS/Cultural/Sports activities.
- To motivate students to give seminar on the different topics of their syllabus.
- To increase awareness regarding Thalassemia among the students.
- Increase ICT based teaching learning.