



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|   |  |                                       |
|---|--|---------------------------------------|
| <b>1. Name of the Institution</b>             |  | SIR P. T. SCIENCE COLLEGE             |
| Name of the head of the Institution           |  | Dr.K.P.Patel                          |
| Designation                                   |  | Principal                             |
| Does the Institution function from own campus |  | Yes                                   |
| Phone no/Alternate Phone no.                  |  | 02774246410                           |
| Mobile no.                                    |  | 9408064680                            |
| Registered Email                              |  | sirptscience127@gmail.com             |
| Alternate Email                               |  | dr_kppatel_165@yahoo.com              |
| Address                                       |  | College Campus, Dhansura Road, Modasa |
| City/Town                                     |  | Modasa                                |
| State/UT                                      |  | Gujarat                               |
| Pincode                                       |  | 383315                                |
| <b>2. Institutional Status</b>                |  |                                       |

|  |                           |
|--|---------------------------|
| Affiliated / Constituent               | Affiliated                |
| Type of Institution                    | Co-education              |
| Location                               | Rural                     |
| Financial Status                       | state                     |
| Name of the IQAC co-ordinator/Director | Prof. G.L.Vekaria         |
| Phone no/Alternate Phone no.           | 02774246410               |
| Mobile no.                             | 9428063766                |
| Registered Email                       | sirptscience127@gmail.com |
| Alternate Email                        | glv2008@yahoo.com         |

### 3. Website Address

|  |   |
|--|---|
| Web-link of the AQAR: (Previous Academic Year)                           | <a href="https://sirptsciencecollege.org/iqac/aqar/">_https://sirptsciencecollege.org/iqac/aqar/</a>                                  |
| <b>4. Whether Academic Calendar prepared during the year</b>             | Yes   |
| if yes,whether it is uploaded in the institutional website:<br>Weblink : | <a href="https://sirptsciencecollege.org/about-us/academic-calender/">https://sirptsciencecollege.org/about-us/academic-calender/</a> |

### 5. Accreditation Details

| Cycle | Grade | CGPA  | Year of Accreditation | Validity    |             |
|-------|-------|-------|-----------------------|-------------|-------------|
|       |       |       |                       | Period From | Period To   |
| 1     | B+    | 76.00 | 2007                  | 10-Feb-2007 | 09-Feb-2012 |
| 2     | B++   | 2.79  | 2016                  | 16-Sep-2016 | 15-Sep-2021 |

|   |             |
|---|-------------|
| <b>6. Date of Establishment of IQAC</b> | 31-Mar-2007 |
|---|-------------|

### 7. Internal Quality Assurance System

| Quality initiatives by IQAC during the year for promoting quality culture |                  |                                       |
|---|------------------|---------------------------------------|
| Item /Title of the quality initiative by IQAC                             | Date & Duration  | Number of participants/ beneficiaries |
| Workshop on revised NAAC Accreditation Kadi                               | 18-Jan-2020<br>1 | 2                                     |

|  |                  |   |
|--|------------------|---|
| NCC Sponsored One day Seminar Organized by IQAC in Pillvai | 11-Feb-2020<br>1 | 2 |
| <a href="#">View File</a>                                  |                  |   |

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

| Institution/Department/Faculty | Scheme           | Funding Agency       | Year of award with duration | Amount   |
|--------------------------------|------------------|----------------------|-----------------------------|----------|
| Institution                    | NSS              | State Government     | 2019<br>365                 | 57012    |
| Institution                    | Salary           | State Government     | 2019<br>365                 | 29770744 |
| Institution                    | Saptadhara       | KCG State Government | 2019<br>365                 | 0        |
| Institution                    | GEMI             | State Government     | 2019<br>365                 | 14647    |
| Institution                    | Finishing School | KCG State Government | 2019<br>365                 | 425000   |
| Institution                    | Udisha/Placement | KCG State Government | 2019<br>365                 | 50000    |
| Institution                    | SSIP             | State Government     | 2019<br>365                 | 2000000  |
| <a href="#">View File</a>      |                  |                      |                             |          |

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

1

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

1. Prepare Academic Calendar for Better academic performance. 2. Teaching and Non Teaching Training. 3. Innovation Based New courses after graduation and

entrepreneurship 4. Innovation Based New courses after graduation and entrepreneurship 5. Boot Camp Four day Workshop On Science Technology and Innovation. 6. Digital College Digital India. 7. State Level Competition on Innovative Science Demonstration for Teachers and Science Communicators 8. Shodh One Day State level Seminar 9. One day seminar on IPR Introduction for Aravalli schools Students 10. Workshop on Innovation in Technology. 11. North Gujarat Level Competition on Innovative Physics Experiments 2020 CPEX 2020.

[View File](#)

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

| Plan of Action   | Achivements/Outcomes   |
|--|--|
| Preparation of student satisfaction survey (SSS) report.                                   | Student satisfaction survey (SSS) report has been prepared by IQAC.  |
| Preparation of students' database.   | Students' database has been prepared with category wise and gender wise distribution analysis.   |
| To organize Sports Events and NSS and NCC Events.  | Various Sports, NCC and NSS activities were organized by the respective unit in the institute and prepare students for University, state and National level competition.   |
| Promote to the students for innovation and SSIP.   | Fourteen SSIP projects are achieved POC level successfully.  |
| The College website was proposed to change its features to a user friendly.                | It was upgraded to a new platform with more user friendly for easy access of the staff and students.   |
| To carry out the admission process as per guideline of HNGU of Patan and Govt. Of Gujarat. | Admission process was carried out successfully as per the norms, guidelines and the reservation policies followed in admission process.  |
| To provide Choice of subject/ course from programme and courses as per CBCS.               | Students selected their subjects according to University options and their interest.   |
| To plan to organise personality development programmes for students.                       | A course in Soft Skill Development Programme was organized Under Finishing School Initiative Govt. Of Gujarat 2 banch complitaed for third year students. Some guest lectures on Personality Development were also arranged. |

[View File](#)

**14. Whether AQAR was placed before statutory body ?**

Yes

| Name of Statutory Body | Meeting Date |
|------------------------|--------------|
|------------------------|--------------|

|   |   |
|---|---|
| <p><b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b></p> | <p>No</p>   |
| <p><b>16. Whether institutional data submitted to AISHE:</b></p>  | <p>Yes</p>  |
| <p>Year of Submission</p>   | <p>2020</p>   |
| <p>Date of Submission</p>   | <p>10-Jan-2020</p>  |
| <p><b>17. Does the Institution have Management Information System ?</b></p>   | <p>Yes</p>  |
| <p>If yes, give a brief description and a list of modules currently operational (maximum 500 words)</p>                       | <p>The head of the institution, the principal works in consultation with the management. The principal constitutes various committees with specific duties and tasks. Planning, budget allocation and execution are done by these committees. The budget proposals are sent through the principal to the management. The activities are conducted after the approval. There is a transparent system of managing funds. Management appointments are made strictly on the merit basis and those employees are treated on par with the others. They are also paid well. As a result at present, we have qualified, efficient staff. The meeting with the Principal and Head Clerk/Accountant provides adequate information to the management. The feedback about the activity is also provided to the management members. The management policy and expectations are communicated to the Faculty, Non Teaching staff and students as well. In the beginning of every academic year management - staff meeting is conducted. The activities carried out during the previous academic year are discussed, reviewed and suggestions are entertained. For implementation of the academic calendar various Committees and Cells are constituted. The Principal holds regular meetings of heads of departments and the various committees to review the distribution of teaching workload and planning of the activities of various committees</p> |

and cells. He also reviews the compliance of syllabus as well as execution of cocurricular, extracurricular and extension activities, Self Study Report for Reaccreditation activities of different committees and cells. He supervises the activities carried out by NSS, Sports and Cultural committee of the college. The useful suggestions are communicated by the Principal to the management. Before the programme or activity adequate publicity is given to the concerned activity for active participation and cooperation from all the stakeholders. At the end of the academic year the chairman of the committee submits the report to the Principal, IQAC and Magazine committee.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Planning and Implementation

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

Sir P.T.Science College, Modasa is an affiliated institution with Hemchandracharya North Gujarat University, Patan and not an autonomous institution. The University frames the curriculum of all the subjects to be delivered in the affiliated institutions. At the beginning of each academic session, college prepares its proposed academic calendar, which is uploaded in the college website. The proposed academic calendar is prepared according to the notices and circulars received from the affiliating university. Students are informed about the academic calendar of the college notifying the probable teaching days, dates of internal examinations, curricular, extension related and co-curricular activities. Orientation programme is organized every year for newly admitted students to make them aware of the mechanism for curriculum delivery and implementation. Based on the departmental routine, departments conduct meetings for allotment of classes and syllabus distribution among the teachers. Students are given details of teaching assignment of each teacher at the beginning of a session by the department. Class tests/surprise test and student seminars are held after completion of a section of the syllabus and periodic review of performance of students is undertaken. Tutorial classes are held in some departments within class routine hours for which separate attendance registers are maintained. Student satisfaction survey is conducted by IQAC to improve the teaching-learning process of each department.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

| Certificate | Diploma Courses | Dates of Introduction | Duration | Focus on employ ability/entreprene urship | Skill Development |
|-------------|-----------------|-----------------------|----------|---|-------------------|
| NIL         | NIL             | 01/01/2020            | 0        | NIL                                       | NIL               |

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

| Programme/Course          | Programme Specialization | Dates of Introduction |
|---------------------------|--------------------------|-----------------------|
| BSc                       | NIL                      | 01/01/2020            |
| MSc                       | NIL                      | 01/01/2020            |
| <a href="#">View File</a> |                          |                       |

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

| Name of programmes adopting CBCS | Programme Specialization | Date of implementation of CBCS/Elective Course System |
|----------------------------------|--------------------------|---|
| BSc                              | Chemistry                | 15/06/2019  |
| BSc                              | Botany                   | 15/06/2019  |
| BSc                              | Maths                    | 15/06/2019  |
| BSc                              | Physics                  | 15/06/2019  |
| MSc                              | Chemistry                | 15/06/2019  |
| MSc                              | Botany                   | 15/06/2019  |
| MSc                              | Physics                  | 15/06/2019  |
| BSc                              | Micro-Biology            | 15/06/2019  |

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

|                    | Certificate | Diploma Course |
|--------------------|-------------|----------------|
| Number of Students | Nil         | Nil            |

### 1.3 – Curriculum Enrichment

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

| Value Added Courses       | Date of Introduction | Number of Students Enrolled |
|---------------------------|----------------------|-----------------------------|
| Communication Skills      | 15/06/2019           | 398                         |
| Disaster management       | 15/06/2019           | 323                         |
| Personality Development   | 15/06/2019           | 415                         |
| Human Rights              | 15/06/2019           | 411                         |
| Indian Constitution       | 15/06/2019           | 508                         |
| Naturopathy               | 15/06/2019           | 507                         |
| <a href="#">View File</a> |                      |                             |

1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title   | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---------------------------|--------------------------|---|
| MSc                       | Floriscic study          | 3   |
| MSc                       | Ethno Botany             | 3   |
| <a href="#">View File</a> |                          |   |

### 1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | Yes |
| Employers | No  |

|         |     |
|---------|-----|
| Alumni  | Yes |
| Parents | Yes |

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

#### Feedback Obtained

Feedback on the teaching-learning process is received from students as Students satisfaction survey based on a structured questionnaire framed and approved by the IQAC of this college. Institute has established a committee for analyzing the feedback and the suggestions taking from the students. Every year policy is established to take the feedback form to the students. After taking the feedback committee analyzes the feedback of the students. Problems related with academic and extensions activities taking from feedback, committee discuss with the faculties related with these issues and not to repeat these issues during the next academic session. Committees submit the report of taking actions to the principal. Committee and principal both take care of this report during the next academic year. FEEDBACK COMMITTEE 1. Dr.S.D.Vediya Asso. Prof. 2. Dr.R.H.Parmar Asso. Prof. 3. Dr.M.P.Gongiwala Asso. Prof. 4. Dr.D.R.Fudani Asso. Prof. FEEDBACK DATA ANALYSIS COMMITTEE 1 Dr.S.V.Patel Asso. Prof. 2 Dr.V.R.Patel Assi. Prof. 3. Dr.M.S.Jangid Asso. Prof. 4 Dr.J.N.Patel Assi. Prof.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| MSc                   | M.Sc                     | 95                        | Nil                            | 94                |
| BSc                   | B.Sc                     | 420                       | 1172                           | 410               |
| PhD or DPhil          | PhD                      | 15                        | Nil                            | 2                 |

[View File](#)

### 2.2 – Catering to Student Diversity

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

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|---|---|---|---|--|
| 2019 | 410   | 94  | 25  | 15  | 15   |

### 2.3 – Teaching - Learning Process

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

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Number of smart classrooms | E-resources and techniques used |
|----------------------------|---|-----------------------------------|----------------------------------|----------------------------|---------------------------------|
| 25                         | 25  | 25                                | 9                                | 5                          | 5                               |

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



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

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

Institute established mentoring system the following points are considered. All faculty members are motivated by the principal. Faculties are guided by the principal and give details about the mentoring system. According to students strength students are allotted to each mentor. In this system two, one girl and one boy students are included. Under one mentor around 50 students are allotted. In this system students put their problem again mentor and mentor try to solve it when it is big problem mentor contact related committee or Principal to solve it. Students may put up problem like study, facility, examination, learning related problem, library etc. We arrange following system for smoothly manage mentoring system. Principal Various Committees Mentor Faculty Mentor Students Allotted Students. 1. Dr.S.V.Patel Asso.Prof. B.Sc Sem-1 2. Dr.J.H.Prajapati Asso.Prof. B.Sc Sem-3 3. Dr.V.R.Patel Assi.Prof. B.Sc Sem-5 4. Dr.D.R.Fudani Asso.Prof. M.Sc Sem-1 5. Dr.S.D.Vediya Asso.Prof. M.Sc Sem-3 1. Dr.M.S.Jangid. Asso.Prof B.Sc Sem-2 Dr.J.N.Patel Assi.Prof. B.Sc Sem-2 2. Dr.S.M.Dave Assi.Prof. B.Sc Sem-4 Prof.H.A.Patel Assi.Prof. B.Sc Sem-4 3. Prof.G.L.Vekaria Asso.Prof. B.Sc Sem-6 4. Dr.R.H.Parmar Asso.Prof. M.Sc Sem-2 5. Dr.M.P.Gongiwala Asso.Prof. M.Sc Sem-4. To promote Student start-up and innovation policy prof.Dr.S.D.Vediya and Prof. G.L.Vekaria mentoring projects further mentoring more than 85 mentors available in KCG,GOG.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|--|-----------------------------|-----------------------|
| 1528   | 25                          | 1 : 61                |

**2.4 – Teacher Profile and Quality**

2.4.1 – Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|--|--------------------------|
| 23                          | 15                      | 8                | 25                                       | 13                       |

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

| Year of Award             | Name of full time teachers receiving awards from state level, national level, international level | Designation | Name of the award, fellowship, received from Government or recognized bodies |
|---------------------------|---|-------------|--|
| 2019                      | NIL   | Nill        | NIL  |
| <a href="#">View File</a> |   |             |  |

**2.5 – Evaluation Process and Reforms**

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

| Programme Name            | Programme Code   | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|---------------------------|------------------|----------------|--|---|
| BSc                       | BSC Semester: VI | Semester       | 16/08/2020   | 10/10/2020  |
| MSc                       | MSC Semester: IV | Semester       | 31/08/2020   | 15/10/2020  |
| <a href="#">View File</a> |                  |                |  |   |

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

Head of the institution and heads of the departments are in regular touch with the grievances of students. They have their own mechanism to collect information either directly or indirectly or confidentially. We have a separate

suggestion box which is attended to frequently by the principal. Students openly express their opinions. Hence we are getting vital information about the merits and deficiencies of the teachers. Concerned teacher is advised as the situation warrants. This is an informal way of continuous internal evaluation. CC cameras are effectively used to monitor the activities of the staff and the students. Periodically we conduct Evaluation of infrastructure is also done by students. Basic amenities related issues are subject to continuous internal evaluation. Complaints received directly from the students will be sent to concerned authorities for the redressed of their grievances. A feedback format fixed by IQAC is distributed to the students, which covers all the information regarding the performance of a teacher. The data so collected is consolidated, evaluated, analyzed by the committee. Corrective measures are taken. Concerned teachers are personally contacted and informed confidentially about the result of internal evaluation. Liberties are given to the students to contact the HOD, mentor and the principal at any time. This free accessibility has yielded fruits. Continuous internal evaluation of students takes place even in the class. Our cultural activities and competitions held in our college help us to assess their talent. Evaluation of their various talent is done in Gyanotsav a talent search competitions.

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

The Academic Calendar is prepared by college at the beginning of each year after the Principal conducts meetings with IQAC, HODs and Coordinators, Examination Committee, Intra collegiate Festival Committee and Sports Committee members. The main purpose of fixing these dates in advance is to enable the departments to plan for their own department programmes and events. It also helps the students to plan their academic and extracurricular activities. Examination dates were decided by the North Gujarat University, Patan and intimated to the colleges, which was incorporated in the academic calendar as and when provided. Since the North Gujarat University, Patan conducted the semester end examinations for all the courses in 2019-20 the College was obliged to follow these dates for examinations. The academic calendar of each year is published on the official website of the institute so students are see all dates right of way and plan according to it.

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://sirptsciencecollege.org/syllabus/>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|----------------|----------------|--------------------------|---|---|-----------------|
| M.Sc           | MSc            | M.Sc sem-4               | 81  | 9   | 88.88           |
| B.Sc           | BSc            | B.Sc sem-6               | 488   | 470   | 96.31           |

[View File](#)

## 2.7 – Student Satisfaction Survey

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

[No Data Entered/Not Applicable !!!](#)

### CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

#### 3.1 – Resource Mobilization for Research

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

| Nature of the Project | Duration | Name of the funding agency                   | Total grant sanctioned | Amount received during the year |
|-----------------------|----------|--|------------------------|---------------------------------|
| Any Other (Specify)   | 365      | State Gov. Of Gujarat (GKS SSIP)             | 4000000                | 2000000                         |
| Any Other (Specify)   | 365      | State Gov. Of Gujarat (KCG Finishing School) | 425000                 | 425000                          |

[View File](#)

#### 3.2 – Innovation Ecosystem

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

| Title of workshop/seminar  | Name of the Dept.                        | Date       |
|--|--|------------|
| Be An Entrepreneur Through Startup   | SSIP Incubation center                   | 20/04/2020 |
| Science, Technology and Innovation Workshop  | SSIP Incubation center                   | 17/06/2020 |
| Digital college Digital India  | SSIP Incubation center                   | 24/07/2020 |
| Startup and innovation   | SSIP Incubation center                   | 24/07/2020 |
| State level Competition on Innovative Science Demonstration for Teachers and Science Communicators | SSIP Incubation center                   | 22/10/2020 |
| IPR Introduction for School Childrens of Aravalli District   | SSIP Incubation center                   | 10/01/2020 |
| Workshop on innovations and techonology  | SSIP Incubation center                   | 22/01/2020 |
| North Gujarat Zone level CPEX 2020   | IAPT Gujarat RC-7 SSIP Incubation center | 06/02/2020 |
| State level seminar on innovation and enterpreniourship  | SSIP Incubation center                   | 01/03/2020 |
| Distric level Poster Compitations on Contribution of womens in science                             | SSIP Incubation center DCW               | 08/03/2020 |

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

| Title of the innovation | Name of Awardee | Awarding Agency | Date of award | Category |
|-------------------------|-----------------|-----------------|---------------|----------|
|-------------------------|-----------------|-----------------|---------------|----------|

|                                 |  |             |            |                        |
|---------------------------------|--|-------------|------------|------------------------|
| SSIP<br>Performance<br>Analysis | SSIP<br>Incubation<br>center Sir<br>P.T.Science col<br>lege, Modasancub<br>ation center<br>Sir P.T.Science<br>college, Modasal<br>lege, Modasa | GKS Gujarat | 31/03/2020 | A (TOP 20 in<br>state) |
|---------------------------------|--|-------------|------------|------------------------|

[View File](#)

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

| Incubation Center  | Name                  | Sponsored By           | Name of the Start-up   | Nature of Start-up                 | Date of Commencement |
|--|-----------------------|------------------------|--|------------------------------------|----------------------|
| SSIP<br>Incubation<br>Center Sir<br>P.T.Science<br>College | Prajapati<br>Lokesh H | KCG Gov.<br>of Gujarat | Fire Stop<br>System  | Chemistry<br>and instruma<br>tions | 26/08/2019           |
| SSIP<br>Incubation<br>Center Sir<br>P.T.Science<br>College | Dishant<br>Panchal    | KCG Gov.<br>of Gujarat | Digital<br>Notice Board  | IT                                 | 26/08/2019           |
| SSIP<br>Incubation<br>Center Sir<br>P.T.Science<br>College | Smit H<br>Patel       | KCG Gov.<br>of Gujarat | Affordable<br>Digital Tran<br>sformation<br>Platform for<br>SMEs | IT                                 | 26/10/2019           |
| SSIP<br>Incubation<br>Center Sir<br>P.T.Science<br>College | Dishant<br>Panchal    | KCG Gov.<br>of Gujarat | Rentall  | IT                                 | 11/03/2019           |

[View File](#)

### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

| State | National | International |
|-------|----------|---------------|
| 0     | 2        | 3             |

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

| Name of the Department | Number of PhD's Awarded |
|------------------------|-------------------------|
| Botany                 | 1                       |
| Chemistry              | 1                       |

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

| Type          | Department | Number of Publication | Average Impact Factor (if any) |
|---------------|------------|-----------------------|--------------------------------|
| National      | Micro      | 2                     | 6.56                           |
| International | Physics    | 1                     | 0.82                           |

|                           |         |   |      |
|---------------------------|---------|---|------|
| International             | Physics | 1 | 2.08 |
| International             | Botany  | 1 | 6.22 |
| International             | Botany  | 3 | 6.22 |
| <a href="#">View File</a> |         |   |      |

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

|                           |                       |
|---------------------------|-----------------------|
| Department                | Number of Publication |
| Botany                    | 1                     |
| <a href="#">View File</a> |                       |

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

| Title of the Paper  | Name of Author  | Title of journal | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|---|-----------------|------------------|---------------------|----------------|---|---|
| Study the Food a dutteratio n detection iomecommen food items | Dr.H.S.K haradi | IJSART           | 2020                | 6.22           | IJSART  | 2   |
| Floristic Study Of Mandvi Tal uka,Suarat (Guj)                | Dr.M.S.J angid  | IJSART           | 2019                | 6.22           | IJSART  | 1   |
| Hydrophy tes of Dhansura T aluka,arav alli(Guj)               | Dr.M.S.J angid  | IJSART           | 2019                | 6.22           | IJSART  | 2   |
| Poisionous Plants of Dhansura T aluka,arav alli(Guj)          | Dr.M.S.J angid  | IJSART           | 2019                | 6.22           | IJSART  | 2   |
| <a href="#">View File</a>                                     |                 |                  |                     |                |   |   |

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper        | Name of Author | Title of journal | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication |
|---------------------------|----------------|------------------|---------------------|---------|---|---|
| NIL                       | NIL            | NIL              | 2019                | Nil     | Nil   | NIL   |
| <a href="#">View File</a> |                |                  |                     |         |   |   |

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 9             | 13       | 7     | 2     |
| Presented papers            | 6             | 10       | 2     | Nil   |
| Resource persons            | Nil           | 1        | 5     | 8     |
| <a href="#">View File</a>   |               |          |       |       |

### 3.4 – Extension Activities

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

| Title of the activities   | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------|--|--|--|
| Fit Youth Fit India       | Science Circle                               | 3  | 82   |
| World Youth Day           | NSS/NCC                                      | 6  | 90   |
| Swachh Bharat Abhiyan     | NSS/NCC                                      | 5  | 100  |
| 34 GUJ.BN.-Himmatnagar    | NCC  | 2  | 55   |
| Inter College NSS Camp    | Institute/NSS                                | 3  | 75   |
| Thelesemiya Test          | Institute/Ramani Blood Bank                  | 6  | 335  |
| Yoga Day                  | Institute/NSS/NCC                            | 25   | 372  |
| <a href="#">View File</a> |  |  |  |

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity                    | Award/Recognition                                     | Awarding Bodies                           | Number of students Benefited |
|---|---|---|------------------------------|
| Sport                                   | Table tennis Inter University Competition             | North Gujarat University                  | 1                            |
| Sport                                   | Chess   | Nanded University                         | 1                            |
| 34 Guj. Batalian HMT NCC(C-ATC 11 Camp) | Cultural Programme                                    | Thamana(C-ATC Camp)                       | 1                            |
| 34 Guj. Batalian HMT NCC(C-ATC 11 Camp) | Rasa Khich  | Thamana(C-ATC Camp)                       | 1                            |
| Inter college and university level      | Appreciations and recognition by Institute management | The M.L.Gandhi Higher Edu. Society,Modasa | 12                           |
| <a href="#">View File</a>               |   |   |                              |

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme        | Organising unit/Agency/collaborating agency | Name of the activity  | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------|---|-----------------------|--|--|
| 34 Guj BN NCC<br>HMT/NSS  | NCC/NSS                                     | Tree Plantations      | 4  | 25   |
| 34 Guj BN NCC<br>HMT/NSS  | NCC/NSS                                     | World Youth Day       | 6  | 90   |
| 34 Guj BN NCC<br>HMT/NSS  | NCC/NSS                                     | Swachh Bharat Abhiyan | 5  | 100  |
| <a href="#">View File</a> |   |                       |  |  |

**3.5 – Collaborations**

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

| Nature of activity                        | Participant | Source of financial support | Duration |
|---|-------------|-----------------------------|----------|
| Faculty exchange                          | 367         | College                     | 7        |
| National Children Science Congress        | 304         | NCSTC and DST Gujarat       | 365      |
| National Science Seminar                  | 52          | GUJCOST DST Gujarat         | 120      |
| CPEX 2019                                 | 42          | IAPT GUJCOST                | 12       |
| Popular lecture series                    | 1115        | Institute                   | 365      |
| Innovations base awareness program (SSIP) | 2200        | SSIP KCG Gov.Gujarat        | 365      |
| <a href="#">View File</a>                 |             |                             |          |

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage   | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant |
|-------------------|--|---|---------------|-------------|-------------|
| Research          | Chromatography   | Own institution and industry  | 25/12/2019    | 31/03/2020  | 7           |
| Research          | To Study The Presence of insecticides or pesticides in various fruits and vegetables, Present of | Own institution and industry  | 25/12/2019    | 31/03/2020  | 7           |

|                           |   |                              |            |            |   |
|---------------------------|---|------------------------------|------------|------------|---|
|                           | the sodium, Potassium Phosphorus.   |                              |            |            |   |
| Research                  | Presence of oxalate ions in Guava   | Own institution and industry | 25/12/2019 | 31/03/2020 | 7 |
| Research                  | To Study The Presence of insecticides or pesticides in various fruits and vegetables. | Own institution and industry | 25/12/2019 | 31/03/2020 | 7 |
| Research                  | Biological Spectrum Study   | Own institution and industry | 01/01/2020 | 31/03/2020 | 2 |
| Research                  | Adultration in Plant  | Own institution and industry | 01/01/2020 | 31/03/2020 | 2 |
| Research                  | Floristics Diversity Study  | Own institution and industry | 01/01/2020 | 31/03/2020 | 3 |
| Research                  | Ethonobota nical study.....   | Own institution and industry | 01/01/2020 | 31/03/2020 | 3 |
| <a href="#">View File</a> |   |                              |            |            |   |

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

| Organisation                             | Date of MoU signed | Purpose/Activities   | Number of students/teachers participated under MoUs |
|--|--------------------|--|---|
| Science College, Motipura, Himatnagar    | 01/01/2019         | Academic / Culture / Sport / Student and faculty exchange / organize various seminar, workshop / Research etc. | 35  |
| S.M.panchal Science college, Talod       | 01/01/2019         | Academic / Culture / Sport / Student and faculty exchange / organize various seminar, workshop / Research etc. | 7   |
| Smt M.G.Panchal Science College, Pilavai | 01/01/2019         | Academic / Culture / Sport / Student and faculty exchange / organize various seminar,                          | 12  |



|   |            |   |      |
|---|------------|---|------|
|   |            | workshop / Research etc.  |      |
| M.N.Science College, Visanagar              | 01/01/2019 | Academic / Culture / Sport / Student and faculty exchange / organize various seminar, workshop / Research etc.                            | 14   |
| Gov. Engineering College, Modasa            | 01/01/2019 | Student and faculty exchange/Academic information and materials/exchange of periodicals, journals/ organize various seminar workshop etc. | 75   |
| Dr.Rasikalal sarvajnik Hospital, Modasa     | 01/01/2019 | Medical Facilities  | 16   |
| R.R.Maheta Science College, Palanpur        | 01/01/2019 | Academic / Culture / Sport / Student and faculty exchange / organize various seminar workshop / Research etc.                             | 12   |
| Sheth M.N. Science College, Patan           | 01/01/2019 | Academic / Culture / Sport / Student and faculty exchange / organize various seminar workshop / Research etc.                             | 8    |
| CEO- Guj. Knowledge Society (GKS)- SSIP GOG | 01/01/2019 | Student Start up and innovations policy   | 2432 |
| <a href="#">View File</a>                   |            |   |      |

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

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

|  |  |
|--|--|
| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
| 300000   | 268287   |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities   | Existing or Newly Added |
|--------------|-------------------------|
| Campus Area  | Existing                |
| Class rooms  | Existing                |
| Laboratories | Existing                |

|  |          |
|--|----------|
| Seminar Halls  | Existing |
| Classrooms with LCD facilities   | Existing |
| Seminar halls with ICT facilities  | Existing |
| Video Centre   | Existing |
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Existing |
| Others   | Existing |
| <a href="#">View File</a>  |          |

#### 4.2 – Library as a Learning Resource

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

| Name of the ILMS software | Nature of automation (fully or partially) | Version | Year of automation |
|---------------------------|---|---------|--------------------|
| Soul                      | Partially                                 | 2.0     | 2014               |

##### 4.2.2 – Library Services

| Library Service Type      | Existing |         | Newly Added |       | Total |         |
|---------------------------|----------|---------|-------------|-------|-------|---------|
|                           |          |         |             |       |       |         |
| Text Books                | 7564     | 1099379 | 30          | 2835  | 7594  | 1102214 |
| Reference Books           | 3950     | 81929   | Nil         | Nil   | 3950  | 81929   |
| Journals                  | 11       | 22550   | 12          | 23560 | 23    | 46110   |
| CD & Video                | 165      | 4200    | Nil         | Nil   | 165   | 4200    |
| Library Automation        | 10256    | Nil     | 1190        | Nil   | 11446 | Nil     |
| <a href="#">View File</a> |          |         |             |       |       |         |

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

| Name of the Teacher       | Name of the Module | Platform on which module is developed      | Date of launching e-content |
|---------------------------|--------------------|--|-----------------------------|
| Dr.S.V.Patel              | Chemical Kinetics  | Sandhan (All Gujarat Integrated Classroom) | 01/01/2019                  |
| <a href="#">View File</a> |                    |  |                             |

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

| Type     | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 82              | 26           | 72       | 0                | 8                | 6      | 24          | 80                              | 19     |

|       |    |    |    |   |   |   |    |    |    |
|-------|----|----|----|---|---|---|----|----|----|
| Added | 0  | 0  | 0  | 0 | 0 | 0 | 0  | 0  | 0  |
| Total | 82 | 26 | 72 | 0 | 8 | 6 | 24 | 80 | 19 |

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

80 MBPS/ GBPS

4.3.3 – Facility for e-content

| Name of the e-content development facility  | Provide the link of the videos and media centre and recording facility                                |
|---|---|
| Sandhan (All Gujarat Integrated Classroom) SANDHAN (All Gujarat Integrated Classroom) is an initiative by OCHE (Office of the Commissioner of Higher Education) and KCG (Knowledge Consortium of Gujarat), Department of Education-Government of Gujarat. | <a href="https://www.youtube.com/watch?v=V5InKj9IrIE">https://www.youtube.com/watch?v=V5InKj9IrIE</a> |

#### 4.4 – Maintenance of Campus Infrastructure

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

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|--|--|--|--|
| 1.5                                    | 116164   | 0.4                                    | 0.38   |

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

The institution 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 upkeep the facilities in consultation with the governing council and the management. The management has a fully pledged team to maintain the infrastructure facilities and equipment. The management has appointed a team of technicians like electricians, plumbers, carpenters, welders and gardeners etc,. There are spacious class rooms and computer lab with sufficient ventilation. Each classroom has elevated platform, so that the teacher and board is visible to all the students. Regular classes run from 7:30 am to 5:00 pm in Two sifit. The institution has well equipped computer lab with 82 computers with internet connectivity. The entire lab is connected with power backup. The library is situated in a spacious and well maintained and it is situated in the Admin Building. The reference hall, book section, reading room is well furnished. Our library has reference section as well as the periodical section. The library facility come under the preview of the library committee constituted as per the government rules in that behalf. The working hour of library and the reading hall is from 8:00 am to 5:00 pm. Conference hall with LCD facility is used for PPT presentations. Sports and NSS have separate office rooms. The college hasan IQAC room. It is used for IQAC meetings and discussions. The facility meets the requirement of physically disabled students. Stairs in the college are wide and spacious to enable them to climb easily. We have 8 water coolers and 8 purifiers in our college. The college has a separate grievance redressal cell. Senior teachers look after this unit. Two complaint boxes are fixed at different places. The college canteen is very well maintained, where healthy and hygienic food is available. Sports committee is constituted every year and director of physical education is in charge of the routine activities of the department.

The purchase of the sports materials are monitored by the purchase committee of the college. The Gymnasium is kept open from 5:00 am to 8:00 pm. Old students and public make use of the Gym facility regularly. A separate purchasing committee and a planning board looks after the needs of the infrastructure of the college. The planning board lists out the various requirements of the college in the beginning of the academic year.

<http://sirptsciencecollege.org/infrastructure/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

|                                      | Name/Title of the scheme           | Number of students | Amount in Rupees |
|--------------------------------------|------------------------------------|--------------------|------------------|
| Financial Support from institution   | Financial Support from institution | 907                | 3414475          |
| Financial Support from Other Sources |                                    |                    |                  |
| a) National                          | MINORITY                           | 52                 | 341692           |
| b) International                     | 0                                  | Nil                | 0                |

[View File](#)

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

| Name of the capability enhancement scheme | Date of implementation | Number of students enrolled | Agencies involved         |
|---|------------------------|-----------------------------|---------------------------|
| International Yoga Day                    | 21/06/2019             | 372                         | District Collector Office |
| Finishing School Project                  | 04/07/2019             | 42                          | KCG Gujarat               |

[View File](#)

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

| Year | Name of the scheme  | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|------|---------------------|--|--|--|---------------------------|
| 2019 | PCSS career academy | 105  | 105  | 16   | 8                         |

[View File](#)

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

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---|
| Nil                       | Nil                            | Nil   |

### 5.2 – Student Progression

#### 5.2.1 – Details of campus placement during the year

| On campus                                     |                                 |                           | Off campus                    |                                 |                           |
|---|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited                 | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
| GOODFARMS, AKHIL BHARTIY JAGRUTI MAHILA TRUST | 52                              | 4                         | Govt. Engi. College, Modasa   | 99                              | 11                        |
| <a href="#">View File</a>                     |                                 |                           |                               |                                 |                           |

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

| Year                      | Number of students enrolling into higher education | Programme graduated from | Department graduated from                  | Name of institution joined  | Name of programme admitted to |
|---------------------------|--|--------------------------|--|-----------------------------|-------------------------------|
| 2019                      | 470  | B.Sc                     | Chemistry/Botany/Mathematics/Physics/Micro | Various Institutes of State | M.Sc/B.Ed/Ph.D/Gov.Job        |
| <a href="#">View File</a> |  |                          |  |                             |                               |

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

| Items                     | Number of students selected/ qualifying |
|---------------------------|---|
| SLET                      | 3                                       |
| Any Other                 | 132                                     |
| <a href="#">View File</a> |   |

#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity   | Level         | Number of Participants |
|--|---------------|------------------------|
| Chess  | National      | 1                      |
| Annual day program   | Institution   | 470                    |
| Inter college commutation of cultural activity on establishment day of management. | Inter College | 26                     |
| Inter college commutation of Sports activity on establishment day of management.   | Inter College | 76                     |
| <a href="#">View File</a>  |               |                        |

### 5.3 – Student Participation and Activities

#### 5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

| Year | Name of the award/medal | National/ International | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
|------|-------------------------|-------------------------|-----------------------------|-------------------------------|-------------------|---------------------|

|                           |     |          |   |     |     |                                  |
|---------------------------|-----|----------|---|-----|-----|----------------------------------|
| 2019                      | NIL | National | 1 | Nil | nil | Upadhyay<br>Rutvik<br>Rakeshbhai |
| 2019                      | NIL | National | 1 | Nil | nil | Gameti<br>Priti<br>Kamjibhai     |
| <a href="#">View File</a> |     |          |   |     |     |                                  |

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

Student Council of the college is an elected body and always joins hands with faculty members and college administration to ensure overall development of the college. Student Council organizes different cultural programmes to observe important days such as "Swami Vivekananda's birthday", "Republic Day", "Gandhi Jayanti", "Independence Day" etc. in the college campus. students' council organizes annual college exhibitions in the college campus, which also involves an interdepartmental competition and thereafter prize distribution through proper judgement by invited eminent persons of the locality. College exhibitions highlight different social, academic and cultural subjects and issues through charts, models and excellent representation of craft work by the students. It gains wide participation from the locality as well. SRC of the students' council is the member of governing body of the college. SRC puts forward his/her suggestions and different issues related to the academic and administrative affairs of the college to the Head of the institution and to the IQAC. Problems faced by students are sometimes communicated to the college authority through SRC of the students' council.

#### 5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

632

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

1400

5.4.4 – Meetings/activities organized by Alumni Association :

Two in a year

### CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

#### 6.1 – Institutional Vision and Leadership

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

Internal Decentralization: - The Principal and the Vice Principal along with the Executive Administrator are given freedom to plan academic and administrative activities for the smooth conduct and continuous progress of the college both for the Teaching and Non teaching aspects of college functioning.  
- IQAC has the freedom to formulate quality policies and its implementation discussed and planned at the several meetings conducted in the year. - HODs and Coordinators of Departments have the freedom to plan, implement, finalize and shape activities in view of the available resources by conducting department

meetings. - Committee meetings: Drawing participatory action plans, implementation and reflection on the same for improvement/innovation under the leadership of the Convener. - Staff Meetings: A large number of issues are discussed during staff meetings, giving the scope for collective thinking and decision making. - Faculty members have contributed in a big way in internalizing quality policy due to openness in working at all levels and free access to the Principal and Vice Principal. Participatory Management : The college follows the principle of Participatory Management. The defining, allotting and communicating of responsibilities happen concomitantly in the meetings conducted at various levels as listed below: - IQAC meeting: reviewing college functioning, making and approving budgetary provisions, making decisions for expansion etc. • Interaction with parents: The teachers interact with parents in Orientation Programs, Principal follows up with parents of defaulters in attendance, interact with parents of meritorious students during prize distribution functions • Students' Council interaction with the Principal and teachers: The students' council serves as a good interface between college authority and students. - Inputs from Alumni at college level: Help us plan activities for the students such as Industrial visits, Internships and placement. - Interaction with employers: Ideas drawn from external interactions by faculty members with employers during placement activities and industrial visits is shared for future planning of activities/courses. - Interaction with diverse external agencies: Faculty members participating in various activities like seminars, orientation and refresher courses, universities, committee meetings etc. share their experiences/ ideas to continuously bring about improvement in our functioning.

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

Partial

## 6.2 – Strategy Development and Deployment

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

| Strategy Type                        | Details  |
|--------------------------------------|--|
| Industry Interaction / Collaboration | 1. Students were exposed to industry expertise through lectures, workshops, courses, field visits etc. 2. Special thrust on collaboration with industry. 3. Career guidance, counseling, soft skills development programmes and campus interviews were regularly arranged by placement cell with industries. 4. Soft skills development through Business English Certificate Course of SCOPE.  |
| Human Resource Management            | 1. To promote academic growth of the teachers the college motivates and actively supports their Ph.D. studies, publication of books, articles. They are also provided a platform to present their research to their colleagues. 2. The college follows Open Door Policy for sorting of matters by discussion and consensus 3. Teachers are relieved on priority basis for Orientation Courses, Refresher Courses, Short Term Courses, Workshops for academic development and career advancement, and |



|                            |   |
|----------------------------|---|
|                            | <p>paper Presentations at conferences and Seminars 4. Class IV employees are motivated to improve their educational qualifications and technical skills. They are admitted to the courses offered by the college and teachers guide them regularly. 5. Class IV employees are given festival advance and a cooperative society has been formed to meet their financial contingencies.</p>   |
| Research and Development   | <p>College motivates faculty members for research publications. Encourages them to present papers in International, National, State level seminars, workshops and to act as resource persons. SSIP Platform provide more opportunity for research work Faculties are motivated to participate in conferences, workshops and training programmes, to enroll for MPhil and PhD, permitted time off. apply for research grants minor/ major research projects.</p>   |
| Examination and Evaluation | <p>Semester examinations are conducted by the affiliating HNGU. As a part of continues evaluation College conducts internal assessment of students according to the university guidelines. Class tests/surprise tests, student seminars, interactive sessions, practical examinations, debates etc are conducted by departments to evaluate the students.</p>   |
| Teaching and Learning      | <p>The coordinator of IQAC is invited to heads' meeting with the Principal for suggestion in the development of the institution. As the coordinator is in live contact with each department, teacher and student, he/she is able to analyze and understand the needs of institution, teachers and students.</p>   |
| Curriculum Development     | <p>The College being affiliated to Hemchandrachary North Gujarat University Patan, syllabi are framed by the University Boards of studies. However, college teachers who are members of Boards of Studies (BOS) make valuable suggestions based on their interaction with various stakeholders in the college. 2. Teachers attend curriculum related workshops and make constructive suggestions. 3. The Placement Cell gathers feedback from Companies participating in Campus Recruitment so as to make the</p> |



university syllabi capable of enhancing students employability.

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

| E-governance area             | Details   |
|-------------------------------|---|
| Planning and Development      | Timetable and academic calendar is planned and uploaded on the website .  |
| Administration                | Important communications and policy decisions are conveyed to concerned stakeholders through emails, WhatsApp and by display on the college website.  |
| Finance and Accounts          | All financial and Account are maintained in tally ERP.9 software.   |
| Student Admission and Support | Admission of PG students is online. University provide link on official website. Students fill their form online and automatically merit is prepaid.  |
| Examination                   | All semesters terminal Examinations conducted by the HNGU Patan. Internal exam conducted by college. Informations are provided online and all possible guidance provided to the students. Result displayed online for convenient access. All important communications regarding examination schedule and results is displayed on the College website, Notice board and uni. website. The computer generated Hall tickets are given to the students appearing for University examinations. |

### 6.3 – Faculty Empowerment Strategies

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

| Year                      | Name of Teacher | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|---------------------------|-----------------|--|--|-------------------|
| 2019                      | NIL             | NIL  | NIL  | Nil               |
| <a href="#">View File</a> |                 |  |  |                   |

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

| Year | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date  | To Date    | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|------|--|---|------------|------------|---|---|
| 2019 | Computer training  | Office Management system  | 28/12/2019 | 28/12/2019 | 16                                      | 10  |

[View File](#)

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme | Number of teachers who attended | From Date  | To date    | Duration |
|---|---------------------------------|------------|------------|----------|
| Refresher Course                                | 1                               | 09/10/2019 | 22/10/2020 | 14       |
| Refresher Course                                | 1                               | 23/09/2019 | 06/10/2019 | 14       |

[View File](#)

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

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| 15        | 15        | 12           | 12        |

6.3.5 – Welfare schemes for

| Teaching                     | Non-teaching                                 | Students              |
|------------------------------|--|-----------------------|
| Govt. Group Insurance scheme | Credit Society, Govt. Group Insurance scheme | Govt. Group Insurance |

## 6.4 – Financial Management and Resource Mobilization

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

The accounts maintain in Telly software and entries account are monitored by authorities. There is a mechanism of checking, rechecking and crosschecking of accounts by the authorities. Besides, an arrangement is made by the management for internal audit at least two times a year by C.A. In the case of spending of UGC grant, there is IQAC, Finance Committee and Library Committee takes a decision. All purchases are done through tender system. The external audit is also done by the state government periodically. The grant of state government is finalized only after the audit.

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

| Name of the non government funding agencies /individuals | Funds/ Grnats received in Rs. | Purpose  |
|--|-------------------------------|--|
| The M.L.Gandhi Higher Education Society, Modasa          | 10000                         | Annual Day Promote Academic and co curricular achievement. |

[View File](#)

6.4.3 – Total corpus fund generated

374000

## 6.5 – Internal Quality Assurance System

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

| Audit Type | External |        | Internal |           |
|------------|----------|--------|----------|-----------|
|            | Yes/No   | Agency | Yes/No   | Authority |

|                |     |                                       |     |                          |
|----------------|-----|---------------------------------------|-----|--------------------------|
| Academic       | Yes | Higher education Dept., Gujarat Govt. | Yes | IQAC                     |
| Administrative | Yes | Higher education Dept., Gujarat Govt. | Yes | Management appointed CA. |

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

Our College believes in the academic, social, moral and cultural development of students by acquiring inputs from all stakeholders. Although the college does not maintain formally registered parent-teacher association, yet interactions of teachers with parents during parent-teacher meetings of different departments come up with new suggestions related to the overall development of the students.

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

1. Organization of training programs. 2. Appraisal system for non-teaching and support staff. 3. Festival Allowance.

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

1. SSIP Student start up innovations promotion programme. 2. IQAC sponsored IPR awareness program for teaching faculty. 3. School and college bridge programme for promote career in science education.

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC            | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|---|-------------------------|---------------|-------------|------------------------|
| 2019 | One day State level seminar Inovative fest.   | 20/06/2019              | 10/07/2019    | 10/07/2019  | 387                    |
| 2019 | Welcome ceremony for newly admitted students. | 20/06/2019              | 10/01/2020    | 10/01/2020  | 360                    |

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**CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**

**7.1 – Institutional Values and Social Responsibilities**

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

| Title of the | Period from | Period To | Number of Participants |
|--------------|-------------|-----------|------------------------|
|--------------|-------------|-----------|------------------------|

| programme                                  |            |            | Female | Male |
|--|------------|------------|--------|------|
| International Womens Day                   | 06/03/2020 | 06/03/2020 | 103    | 4    |
| National science day for women's scientist | 27/02/2020 | 28/02/2020 | 60     | 5    |
| Women Rangoli compitations                 | 25/02/2020 | 25/02/2020 | 15     | Nil  |
| Women Empowerment two week celebration     | 09/08/2019 | 09/08/2019 | 265    | 6    |

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

|   |
|---|
| Percentage of power requirement of the University met by the renewable energy sources |
| Solar roof top panel, Rain Water harvesting tank                                      |

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities | Yes/No | Number of beneficiaries |
|-----------------|--------|-------------------------|
| Ramp/Rails      | Yes    | 4                       |
| Rest Rooms      | Yes    | 2                       |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date       | Duration | Name of initiative | Issues addressed       | Number of participating students and staff |
|------|--|--|------------|----------|--------------------|------------------------|--|
| 2019 | 1  | 1  | 21/06/2019 | 1        | Yog                | International Yoga Day | 285  |

[View File](#)

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

| Title                                  | Date of publication | Follow up(max 100 words)   |
|--|---------------------|--|
| Code of conduct for staff and students | 01/01/2019          | All the stakeholder related to the institution must follow the rules of state government University and UGC. faculties and students prohibited to use of mobile except emergency. staff and students do not use smoke and tobacco in the college. staff can not be applied any other place |

without permission of management. Principal have power to take actions for smooth administrations.

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity  | Duration From | Duration To | Number of participants |
|---|---------------|-------------|------------------------|
| Women's day                                     | 06/03/2020    | 06/03/2020  | 107                    |
| National Voters day                             | 25/01/2020    | 25/01/2020  | 74                     |
| Celebration of Birth Anniversary of Vivekananda | 11/01/2020    | 11/01/2020  | 14                     |
| Independence Day                                | 15/08/2019    | 15/08/2019  | 187                    |
| Republic Day                                    | 26/01/2020    | 26/01/2020  | 280                    |

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

1. Cloth bags are used to distribute the seminar or conferences kit. 2. College examination committee recommend cloth bags used for examination purpose. 3. The institution has stopped distributing plastic files during its seminars and conferences, as well as institution does not accept projects in plastic files. 4. Say no to Plastic Drive organized by the institution. In this drive ecofriendly bags were distributed to the people of the locality. The bags were prepared by the students of the institution. 5. Tree Plantation done in the college campus. Save paper drive is organized. 6. Save Water Drive is organized. Save Electricity Drive is organized. 7. Digital College Digital India.

### 7.2 – Best Practices

#### 7.2.1 – Describe at least two institutional best practices

I. NCC and NSS. II. District community science center, Student Startup and innovations policy (SSIP)

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

<http://sirptsciencecollege.org/co-curricular/>

### 7.3 – Institutional Distinctiveness

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

In compliance with the Institutional Vision, of Thrust on Skill-based Employability, the college has taken up Skill Acquisition Program to equip students with good Industrial exposure to provide them with opportunities for multiple industrial employments, self-employment and holistic development. Through Education, the college caters to the Industrial needs. Based on the Institutional Vision, Industry Need-Based Skills are imparted to the students for a better and secure future. Gujarat where Farming is a traditional occupation for people. Besides traditional farming, people opt farming of spices and other crops like Potato, castor oil seeds. Modasa has alliance with Agro Companies. College arrange Industrial Visits and Training, • Skill Assessment • Placements. College are also aimed at nurturing socially

responsible leaders. Outreach programmes like awareness raising campaigns, collection and donation drives, educational projects for children in slum dwelling, and interesting science camps are important initiatives by societies like NCC, NSS, Leaders for Tomorrow, and Enactus. The NSS are active in order to imbibe strong Social values in our students. The institute takes conscious efforts to create awareness about energy conservation and renewable energy usage among students.

Provide the weblink of the institution

<http://sirptsciencecollege.org/about-us/vision-goal/>

### **8.Future Plans of Actions for Next Academic Year**

Future Plan of Action for Next Academic Year : Timely arrange IQAC meeting and reform new committee. To monitor the utilization of SSIP grant. To start Finishing school for skill development with collaboration with KCG. To maintain Botanical Garden and medicinal garden in Campus. To arrange lecture series local and University level. Organize various student and faculty development programme. To made placement more efficient. To start academy for competitive examinations. To encourage student to participate in NSS/NCC/Culture/Sport activities. To maintain Botanical garden. To digitalized college develop Android application and online admission, examinations. Motivate students and staff to do innovative research activities. To motivate PG student regarding NET/SLET examination. Enrich library by adding new reference books/journal/periodicals /E resources. Upgrade institutional website. To reform examination pattern. To extent the work and activities of IQAC like skill development. Arrange lecture series. To arrange workshop for newly appointed teaching staff. To start faculty exchange programme. Celebrating various days. To initiate various awareness programme.