

PRAMUKH SWAMI SCIENCE & H.D.PATEL ARTS COLLEGE

(Affiliated to Hemchandracharya North Gujarat University, Patan)

NAAC re-accredited 'A' grade with CGPA 3.20
Awarded 'AAA' Rank-1 by Government of Gujarat
'College with Potential for Excellence' (2010-2019) by UGC

AN ANNUAL REPORT OF INTERNAL QUALITY ASSURANCE CELL (2017-18)



To

**UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG, NEW DELHI-110002**

**PRAMUKH SWAMI SCIENCE & H. D. PATEL ARTS COLLEGE
S. V. CAMPUS
KADI – 382 715
GUJARAT**

www.psshda.org

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Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

I. Details of the Institution

1.1 Name of the Institution

Pramukh Swami Science and H.D.Patel Arts College

1.2 Address Line 1

Sarva Vidyalaya Campus,

Address Line 2

Behind Railway Station,

City/Town

Kadi

State

Gujarat

Pin Code

382715

Institution e-mail address

mail@psshda.org

Contact Nos.

02764-262634

Name of the Head of the Institution:

Dr Ajay S. Gor

Tel. No. with STD Code:

02764-262634

Mobile:

9426766703

Name of the IQAC Co-ordinator:

Dr Anand H. Vyas

Mobile:

9426767214

IQAC e-mail address:

mail@psshda.org

1.3 NAAC Track ID (For ex. HCMOGN 18879)

GJCOGN13005

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC/66/RAR/043 dated 23-05-2014

1.5 Website address:

www.psshda.org

Web-link of the AQAR:

<http://www.psshda.org/iqac.php>

1.6 Accreditation Details :

i. By NAAC

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|-------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | B+ | 75.1 | 2007 | 2007-12 |
| 2 | 2 nd Cycle | A | 3.20 | 2014 | 2014-19 |

ii. By Govt. of Gujarat (KCG – Knowledge Consortium of Gujarat)

| Sl. No. | Cycle | Grade | CGPA | Year of Accreditation | Validity Period |
|---------|-----------------------|--------|------|-----------------------|-----------------|
| 1 | 1 st Cycle | Rank 1 | 84.3 | 2013 | 2013-18 |

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

22/07/2007

1.8 AQAR for the year (for example 2010-11)

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

- i. AQAR 2013-14 _____ submitted to NAAC on (12/05/2014)
ii. AQAR 2014-15 _____ submitted to NAAC on (23/12/2015)
iii. AQAR 2015-16 _____ submitted to NAAC on (19/09/2016)
iv. AQAR 2016-17 _____ submitted to NAAC on (17/09/2017)

1.10 Institutional Status

University State ☒ Central ☐ Deemed ☐ Private ☐

Affiliated College Yes ☒ No ☐

Constituent College Yes ☐ No ☒

Autonomous college of UGC Yes ☐ No ☒

Regulatory Agency approved Institution Yes ☒ No ☐

(eg.UGC, AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education ☒ Men ☐ Women ☐

Urban ☐ Rural ☒ Tribal ☐

Financial Status

Grant-in-aid ☐UGC 2(f) ☒ UGC 12B ☒Grant-in-aid + Self Financing ☒ Totally Self-financing ☐

1.11 Type of Faculty/Programme

Arts ☒ Science ☒ Commerce ☐ Law ☐ PEI (Phys Edu) ☐TEI (Edu) ☐ Engineering ☐ Health Science ☐ Management ☐

Others (Specify)

B.Voc. & Community College

1.12 Name of the Affiliating University (*for the Colleges*)Hemchandracharya North Gujarat University, Patan,
Gujarat

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

No

College with Potential for Excellence

Phase II

UGC-CPE

☒

DST Star Scheme

UGC-CE

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)AAA⁺ Rank 1
By Govt. of Gujarat

UGC-COP Programmes

☒**2. IQAC Composition and Activities**

2.1 No. of Teachers

16

2.2 No. of Administrative/Technical staff

3

2.3 No. of students

2

2.4 No. of Management representatives

3

2.5 No. of Alumni

2

2.6 No. of any other stakeholder and

2

community representatives

2.7 No. of Employers/ Industrialists

1

2.8 No. of other External Experts

1

2.9 Total No. of members

30

• **Significant Activities and contributions made by IQAC**

| No | Significant Activities and contributions made by IQAC |
|----|--|
| 1 | 8th BT CBC (Biotechnology Capacity Building Cell) 6 Days 2 State Level Workshops were organized: Sem VI: 98 students and Sem IV: 76 students of 8 colleges were benefited. |
| 2 | National Seminar on Ancient Indian Culture and Architecture was organized on July 3, 2017. |
| 3 | Three Days State Level Workshop on Electronic Circuit & Quantum Physics during Jan29 – Feb.1, 2018; 225 Students and 10 Faculties were benefited. |
| 4 | GSBTM sponsored Two Days National Conference on Environmental Conservation: Micro-biotechnological Methods to Combat Global Issues ” was organized in collaboration with HVHP Institute of Post Graduate Studies & Research during 10-11 February, 2018 : 162 Participants, 65 Oral & 90 Poster Presentations were the major outcome. |
| 5 | NAAC sponsored Two Day National Seminar on “ New Methodology of NAAC and Harnessing New Modes of Teaching and Learning to Modernize Higher Education ” during 23-24 February, 2018. 21 Principals and 104 Professors from all over India participated in the event. 17 Presentations also took place. |
| 6 | Organized Science Fair : in two phases: 5 – 7 Jan.18 at Gandhinagar & 10 – 11 Jan.18 at Kadi . The college students presented 25 models & 12 Poster Presentations. |
| 7 | 4G Carnival Celebration of Four Science Clubs was organized on 2-3 January, 2018. 200 students participated in various competitions. |
| 8 | Organized One Day Workshop on Soft Skill Based Internal Exam Reforms on March 15, 2018 for Arts Faculty Members: 12 Faculty members were benefited. |
| 9 | Samvedana: a Four Days Program organized by English Dept in collaboration with Sanskrit, History & Gujarati Depts: Indoor & Outdoor Activities & Competitions were organized: 300 students were benefited. |
| 10 | Charity Campaign in Kadi vicinity for Banaskantha Flood Relief Program was organized during 29-30 July, 2017. 70 students and 12 faculties participated in the Nobel cause.` |
| 11 | 7 Days NSS Annual Camp was organized during January 24-30, 2018 at Kolad, Taluka: Kadi, Dist. Mehsana: 50 volunteers and 10 faculties participated |
| 12 | One Day Workshop on Plant Maintenance and Safety of Basic Mechanical Instruments was organized by Textile & Ginning Technology Dept on Nov. 21, 2017: 24 students were benefited. |

The major focus of IQAC is to take into consideration how far the institute has succeeded in executing the previous year plan of action and in accordance to chalk up a new plan of action for further academic development of the institute from academic, administrative, research and infrastructure point of view.

These aspects are discussed in presence of the faculty, non-teaching staff, the college management body and the stake-holders to take solid step of growth for the next academic year.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

| Plan of Action | Achievements |
|--|--|
| To Organize 2 State Level Workshops 9 th BT-CBC-2017 (6 days) (SY and TY) | 8th BT CBC (Biotechnology Capacity Building Cell) 6 Days 2 State Level Workshops were organized: Sem VI: 98 students and Sem IV: 76 students of 8 colleges were benefited. |
| To organize National Seminar on Ancient Indian Culture & Architecture | National Seminar on Ancient Indian Culture and Architecture was organized on July 3, 2017. |
| To organize Physics Workshop | Three Days State Level Workshop on Electronic Circuit & Quantum Physics during Jan29 – Feb.1, 2018; 225 Students and 10 Faculties were benefited. |
| To organize National Conference on Biotechnology | GSBTM sponsored Two Days National Conference on Environmental Conservation: Micro-biotechnological Methods to Combat Global Issues was organized in collaboration with HVHP Institute of Post Graduate Studies & Research during 10-11 February, 2018 : 162 Participants, 65 Oral & 90 Poster Presentations were the major outcome. |
| To organize National Seminar on NAAC | NAAC sponsored Two Day National Seminar on “ New Methodology of NAAC and Harnessing New Modes of Teaching and Learning to Modernize Higher Education ” during 23-24 February, 2018. 21 Principals and 104 Professors from all over India participated in the event. 17 Presentations also took place. |
| To organize Science Fair | Organized Science Fair : in two phases: 5 – 7 Jan.18 at Gandhinagar & 10 – 11 Jan.18 at Kadi . The college students presented 25 models & 12 Poster Presentations. |
| To organize 4G Carnival | 4G Carnival Celebration of Four Science Clubs was organized on 2-3 January, 2018. 200 students participated in various competitions. |

| | |
|---|---|
| To introduce Faculty Development Project on Digital Exam Reforms | Organized One Day Workshop on Soft Skill Based Internal Exam Reforms on March 15, 2018 for Arts Faculty Members: 12 Faculty members were benefited. |
| To organize <i>Samvedana</i> in Humanities | Samvedana: a Four Days Program organized by English Dept in collaboration with Sanskrit, History & Gujarati Depts: Indoor & Outdoor Activities & Competitions were organized: 300 students were benefited. |
| To organize Charity Campaign for Banaskantha Flood Relief Program | Charity Campaign in Kadi vicinity for Banaskantha Flood Relief Program was organized during 29-30 July, 2017. 70 students and 12 faculties participated in the Nobel cause.` |
| To organize 7 Days NSS Camp | 7 Days NSS Annual Camp was organized during January 24-30, 2018 at Kolad, Taluka: Kadi, Dist. Mehsana: 50 volunteers and 10 faculties participated |
| To organize Workshop on Plant Maintenance | One Day Workshop on Plant Maintenance and Safety of Basic Mechanical Instruments was organized by Textile & Ginning Technology Dept on Nov. 21, 2017: 24 students were benefited. |

* *Attach the Academic Calendar of the year as Annexure.*

Annexure: I

2.15 Whether the AQAR was placed in statutory body Yes ☒ No ☐
Management ☒ Syndicate ☐ Any other body ☒

Provide the details of the action taken:

| No. | Action Taken by IQAC |
|-----|--|
| 1 | 8th BT CBC (Biotechnology Capacity Building Cell) 6 Days 2 State Level Workshops were organized: Sem VI: 98 students and Sem IV: 76 students of 8 colleges were benefited. |
| 2 | National Seminar on Ancient Indian Culture and Architecture was organized on July 3, 2017. |
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Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

| Level of the Programme | Number of existing Programmes | Number of programmes added during the year | Number of self-financing programmes | Number of value added / Career Oriented programmes |
|------------------------|-------------------------------|--|-------------------------------------|--|
| PhD | 6 | - | - | - |
| PG | 4 | - | - | - |
| UG | 12 | - | - | - |
| PG Diploma | - | - | - | - |
| Advanced Diploma | 2 | - | - | - |
| Diploma | 1 | - | - | - |
| Certificate | 12 | - | - | 9 |
| Others | - | - | - | - |
| Total | 37 | - | - | 9 |
| Interdisciplinary | - | - | - | - |
| Innovative | 4 | - | - | - |

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option

(ii) Pattern of programmes:

| Pattern | Number of programmes |
|-----------|----------------------|
| Semester | 25 |
| Trimester | - |
| Annual | - |

1.3 Feedback from stakeholders* (On all aspects)

Alumni ☐ Parents ☒ Employers ☒ Students ☒

Mode of feedback : Online ☐ Manual ☒ Co-operating schools (for PEI) ☐

**Please provide an analysis of the feedback in the Annexure*

Annexure: II

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

In Hemchandracharya North Gujarat University, we the only institute to initiate Vocation Courses. B.Voc. : Textile & Ginning Technology
Pharmaceutical Chemistry

Community College : Textile & Ginning Technology
Agriculture & Soil Sciences
Ceramic Technology

Thus we play a pivotal role not only in Board of Studies but also in practicing innovations in Examination process as well.

We have introduced Three Tier Evaluation Method to make the assessment more authentic:

Three Tier Assessments:

- Level 1: Evaluation at Institute level
- Level 2: Evaluation at University level by inviting an industry representative as an examiner
- Level 3: At National level by Sector Skill Council

1.5 Any new Department/Centre introduced during the year. If yes, give details.

1. Spoken Tutorial, IIT Bombay - NMEICT, MHRD, Govt. of India : we are the Nodal Centre of Mehsana District.
2. Dr Primal Chatrabhuji Initiated *Learn Chemistry* project offered by Royal Society of Chemistry, Cambridge; B.Sc. Sem I & III students are enrolled in the project.
3. Dr Mukesh Patel has initiated *Elsevier Publication Campus, USA* project: It provides online Certificate Courses on Research Activities, Book Writing & Reviewing skill, Peer Review Process etc. 6 faculty members have already cleared 4 Certificate Courses.

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

| Total | Asst. Professors | Associate Professors | Professors | On contract |
|-------|------------------|----------------------|------------|-------------|
| 40 | 06 | 19 | - | 15 |

2.2 No. of permanent faculty with Ph.D.

17

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

| Asst. Professors | | Associate Professors | | Professors | | Others | | Total | |
|------------------|----|----------------------|---|------------|---|--------|---|-------|----|
| R | V | R | V | R | V | R | V | R | V |
| 06 | 07 | 19 | 1 | - | - | - | - | 25 | 08 |

2.4 No. of Guest and Visiting faculty and Temporary faculty

23

2.5 Faculty participation in conferences and symposia:

| No. of Faculty | International level | National level | State level |
|------------------|---------------------|----------------|-------------|
| Attended | 14 | 2 | |
| Presented papers | 6 | 18 | |
| Resource Persons | | | 4 |

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Mentorship Program for all semesters and disciplines
2. “Working with Industry” project for vocation studies students in 44 industries
3. Project based learning for Physics, Maths, Chemistry & BT students.
4. Introduction of new P.G., Ph.D. and Career Oriented Programs
5. Village Gazetteers
6. Literary Projects by final year BA English.
7. SCOPE : Society For Creation of Opportunity through Proficiency in English by Govt. of Gujarat
8. FDP: Communication Skill Development Weekly Program

2.7 Total No. of actual teaching days

during this academic year

198

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

MCQs

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

08

2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise distribution of pass percentage :

| Title of the Programme | Total no. of students appeared | Division | | | | |
|------------------------|--------------------------------|---------------|-----|------|-------|--------|
| | | Distinction % | I % | II % | III % | Pass % |
| B.Sc. | 171 | 100 | 49 | 2 | | |
| B.A.-VI | 171 | 24 | 55 | 06 | | |
| M.Sc.-IV | 27 | 05 | 04 | | | |
| M.A.-IV | 28 | 04 | 12 | | | |
| B.Voc. | | | | | | |

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

The college has established an “Internal Quality Assurance Cell” (IQAC) as per the guidelines of NAAC – UGC. The cell consists of members from the Trust, college Alumni, principal of the college, Co-ordinator of the steering committee (NAAC and IQAC), heads of the departments and other reputed people of the town. The cell aims at quality enhancement based on the suggestions of the previous NAAC peer team report . As a part of this, IQAC organizes regular quarterly meetings in the month of July, October, January & April; during these meetings, along with the overall development of present and future plans, three departmental presentations _ one Science, one Arts & one Vocation dept. _ have their academic, research, curricular, co-curricular & extra-curricular activities are shared with others.

Every year the cell outlines the goals and sets targets regarding the overall quality of the institution, which includes needful things to be done and feedback from all stakeholders. The meeting of IQAC is regularly being held at the college wherein all the concerned issues regarding quality improvement are being discussed and solutions are arrived at. The annual report on the institute’s efforts of quality improvement and the achievement of superior

outcomes on all aspect of holistic education is being sent to NAAC – UGC as ‘Annual Quality Assessment Report (AQAR)’ by the IQAC.

As a result of our continual efforts to enhance quality and provide education of higher standard, the college has been recognized by UGC as “College with Potential for Excellence (CPE Phase II)”.

1. The Head of the Departments of each of the enrichment programmes has been entrusted the responsibility of running the programmes efficiently and evaluating them frequently to make them beneficial and result-oriented.

2. Internal Quality Assurance Cell (IQAC) aims at quality enhancement in teaching and learning process based on the feedback from faculty members, students and alumni. The meetings of IQAC are held regularly at the college wherein all the concerned issues regarding quality improvement are being discussed and solutions are arrived at. The annual report on the institute’s efforts of quality improvement and the achievement of superior outcome on all aspects of holistic education are being sent to NAAC – UGC as ‘Annual Quality Assurance Report (AQAR)’ by the IQAC. Based on the suggestions made at the IQAC meetings the following steps are taken:

Feedback of all the students is taken and due analysis is done regarding the methods of teaching and necessary suggestions are communicated to concerned teachers. The evaluation of the teaching-learning process is done on a ten-points scale considering parameters such as presentation skill, content development, evaluation pattern, availability of teacher and general behavior of the teacher etc.

Motivating Steps by IQAC:

1. The college has prepared virtual classrooms and it organizes lectures of experts and encourages college teachers to use various teaching aids such as multimedia projector, interactive board, visualizer (especially for experiments) etc.
2. The college has collaborated with a Government of Gujarat Initiative - ‘SANDHAN’ where satellite based expert lectures are telecast. These lectures are shown to students.
3. The institute has organized several training programmes to update the teacher.

2.13 Initiatives undertaken towards faculty development *

| <i>Faculty / Staff Development Programmes</i> | <i>Number of faculty benefitted</i> |
|---|--|
| Refresher courses | - |
| UGC – Faculty Improvement Programme | 22 |
| HRD programmes | 2 |
| Orientation programmes | 2 |
| Faculty exchange programme | 4 |
| Staff training conducted by the university | - |
| Staff training conducted by other institutions | 20 |
| Summer / Winter schools, Workshops, etc. | 23 |
| Others | - |

2.14 Details of Administrative and Technical staff

| Category | Number of Permanent Employees | Number of Vacant Positions | Number of permanent positions filled during the Year | Number of positions filled temporarily |
|-----------------------------|--------------------------------------|-----------------------------------|---|---|
| Administrative Staff | 01 | 03 | - | 07 |
| Technical Staff | 07 | 02 | 01 | 01 |

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. MCTT Project: Minimum State-of-the art research laboratory
2. Well equipped plant Tissue Culture Lab and a Green House
3. Research supervisors/guides in various subjects
4. Computerized library and INFLIBNET facility
5. Computer lab enabled with internet facility
6. The college and the hostels are Wi-Fi enabled.
7. We have purchased software_ Quantemol-N_ from UK for advance research in electron –atom/molecules scattering theory.
8. The college has signed MOUs with nearby industries e.g. Corel, Torrent etc. Corel has donated a GC to our research laboratory.
9. The college has spent about Rs.45,00,000/- towards creating research facilities.
10. KSV University has provided additional financial support to several projects (e.g. last year Rs.4,00,000/- has been allocated to 7 faculty members.
11. Open source software training is being regularly provided to students in collaboration with IIT-Mumbai. These software include LATEX, LINUX, PHP- MYSQL, SCILAB, PYTHON, GEOGEBRA etc.
12. MICRO SOIL ANALYSIS LAB
13. UPLC Instrument hands on practice workshop for other college students
14. Thick Forest Project with Sandvik Asia Com. Ltd. in Rajpur
15. Bio-palates for Cooking Gas supplement project

3.2 Details regarding major projects

| | Completed | Ongoing | Sanctioned | Submitted |
|----------------------------|-----------|---------|------------|-----------|
| Number | - | - | - | - |
| Outlay in Rs. Lakhs | - | - | - | - |

3.3 Details regarding minor projects

| | Completed | Ongoing | Sanctioned | Submitted |
|----------------------------|------------|------------|------------|-----------|
| Number | 3 | 3 | - | - |
| Outlay in Rs. Lakhs | 3,69,000/- | 9,30,000/- | 6,98,700/- | - |

3.4 Details on research publications

| | International | National | Others |
|---------------------------------|---------------|----------|--------|
| Peer Review Journals | 14 | 05 | |
| Non-Peer Review Journals | 05 | | |
| e-Journals | | | |
| Conference proceedings | | | |

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

Annexure: III

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

| Nature of the Project | Duration Year | Name of the funding Agency | Total grant sanctioned | Received |
|---|---------------|---|--|--|
| Major projects | - | - | - | - |
| Minor Projects | 1 | Kadi Sarva Vishwa Vidyalaya Gujcost – 1 Gujcost - 2 | 2,16,000/- 2,20,000/- 2,70,000/- | 1,04,700/- 1,60,000/- 2,10,000/- |
| Interdisciplinary Projects | - | - | - | - |
| Industry sponsored | - | - | - | - |
| Projects sponsored by the University/ College | - | - | - | - |
| Students research projects (other than compulsory by the University) | 2 | Kadi Sarva Vishwa Vidyalaya UGC | 60,000/- 1,64,000/- | 60,000/- 1,64,000/- |
| Any other(Specify) | - | - | - | - |
| Total | | | 9,30,000/- | 6,98,700/- |

3.7 No. of books published i) With ISBN No.

07

Chapters in Edited Books

1

ii) Without ISBN No.

1

3.8 No. of University Departments receiving funds from : - NA -

UGC-SAP

CAS

DST-FIST

DPE

DBT Scheme/funds

3.9 For colleges

Autonomy

CPE ☒

DBT Star Scheme

INSPIRE

CE

Any Other (specify)

3.10 Revenue generated through consultancy :

3.11 No. of conferences

organized by the
Institution

| Level | International | National | State | University | College |
|---------------------|---------------|---------------|-------|------------|---------|
| Number | - | 2 | 4 | | 02 |
| Sponsoring agencies | - | GSBTM NAAC | 03 | | Trust |

3.12 No. of faculty served as experts, chairpersons or resource persons

8

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year Industrial linkages : 30

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

| Type of Patent | | Number |
|----------------|---------|--------|
| National | Applied | - |
| | Granted | - |
| International | Applied | - |
| | Granted | - |
| Commercialised | Applied | - |
| | Granted | - |

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

| Total | International | National | State | University | Dist | College |
|-------|---------------|----------|-------|------------|------|---------|
| | 05 | 06 | | | | |

3.18 No. of faculty from the Institution who are Ph. D. Guides
and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.20.1 No. of Research Scholars in the Institution

| No. | Name of the Research Scholar | Department |
|-----|------------------------------|-------------|
| 1. | Dr Ajay Gor | Mathematics |
| 2. | Dr Mukesh Patel | Chemistry |
| 3. | Dr Parimal Chatrabhuji | Chemistry |

| | | |
|----|-------------------|---------------|
| 4. | Dr Kamlesh Shah | Biotechnology |
| 5 | Dr Naresh Parikh | History |
| 6. | Dr B. S. Patel | Gujarati |
| 7. | Dr Mahakant Joshi | Sanskrit |

3.21 No. of students Participated in NSS events:

| | | | |
|------------------|----|---------------------|-----|
| University level | 57 | State level | 73 |
| National level | | International level | 402 |

3.22 No. of students participated in NCC events:

| | | | |
|------------------|-----|---------------------|----|
| University level | 116 | State level | 04 |
| National level | 12 | International level | 01 |

3.23 No. of Awards won in NSS:

| | | | |
|------------------|--|---------------------|--|
| University level | | State level | |
| National level | | International level | |

3.24 No. of Awards won in NCC:

| | | | |
|------------------|----|---------------------|----|
| University level | | State level | |
| National level | 08 | International level | 01 |

3.25 No. of Extension activities organized

| | | | | |
|------------------|----|---------------|----|-----------|
| University forum | | College forum | 02 | |
| NCC | 02 | NSS | 02 | Any other |
| | | | | |

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- WDC: Women Development Cell Activities:
 - Only Girl Child Reward
 - Cooking Classes
 - Fashion Designing Workshop
- Sarva Netrutva Training Workshop
- Voter Awareness Club by NSS
- Security Training Activity on Sundays by NCC cadets as members of Campus Security Committee

- 93 bottles of Blood Donation by N.S.S. & N.C.C. cadets (3 cadets donated blood in medical emergency)
- Tree Plantation by N.S.S.
- Guru Purnima Celebration by N.S.S.
- Gita Jayanti Celebration by Sanskrit Dept
- Sptadhara Competitions
- Pot Painting Competition
- NSS Day Celebration

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

| Facilities | Existing | Newly created | Source of Fund | Total |
|--|----------|--|-------------------|-------------------------------------|
| Campus area | 48 Acres | - | Trust: College | 48 Acres |
| Class rooms | 24 | | Trust | 26 |
| Laboratories | 9 | | Trust: College | |
| Seminar Halls | 2 | | | |
| No. of important equipments purchased (≥ 1 -0 lakh) during the current year. | | Digital Potential Meter PH Electrode LG Refrigerator Digital Conductivity Meter | college | 14,160 2,832 57,000 27,934 |
| Value of the equipment purchased during the year (Rs. in Lakhs) | | UV Spectrophotometer Digital Analytical Balance | College | 6,96,478 1,24,160 |
| Others Virtual Classes | | | | |

4.2 Computerization of administration and library

Library:

➤ Library Automation:

- Fully Automated library with soul 2.0 library Management Software and Barcode Technology
- N-List of INFLIBNET to access e-Resources (135000+ e-books and 6000+ e-journals)
- Our Digital Library (Our Institutional Digital Repository).
- User can access our digital collection through our local area network.
- User can access our digital collection through WiFi in his/her mobile phone.
- User can search book and check his/her library account through WiFi in his/her mobile phone.
- Wifi Network Zone
- Internet Access Zone for Students and Faculty (12 Computers)
- Visitors Entry through Barcode Technology.
- All Area of library is under CCTV Surveillance.
- Online Public Access Catalogue (OPAC)

Administration Office:

- Computerized with Internet Facility through seven computer terminals & 4 printer & 2scanners.

4.3 Library services:

| | Existing | | Newly added | | Total | |
|------------------|----------|-------------|-------------|-----------------|------------|---------------------|
| | No. | Value | No. | Value | No. | Value |
| Text Books | 27,044 | 43,49,174.5 | 50 | 2,01,764 | 27413 | 45,50,940.50 |
| Reference Books | | 0 | 309 | | | |
| e-Books | 1,25,000 | 0 | 3000809 | 5,900 | 31,35,809+ | 0 |
| Journals | 80 | 0 | 40(Renew) | 64,356 | 80 | 0 |
| e-Journals | 6000 | 0 | 237 | 0 | 6237 | 0 |
| Digital Database | | 0 | 0 | 0 | 630 | 0 |
| CD & Video | 609 | 0 | 0 | 0 | 0 | 0 |
| Others (specify) | 27,044 | 0 | 0 | 0 | 0 | 0 |

4.4 Technology up gradation (overall)

| | Total Computers | Computer Labs | Internet | Browsing Centres | Computer Centres | Office | Departments | Others |
|----------|-----------------|---------------|----------|------------------|------------------|--------|-------------|--------|
| Existing | 171 | 2 | 10 mbps | 19 | 2 | 8 | 19 | |
| Added | | | | | | | | |
| Total | 171 | 2 | 10mbps | 19 | 2 | 8 | 19 | |

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- 171 computers
- 14 laptops
- 10 mbps BSNL broadband speed + 80 mbps campus broadband speed
- wi-fi facility in the whole campus
- computer laboratory with 60 computers
- DELL (Digital Education Learning Laboratory) with 25 computers & Globeranna English Language Software
- SCOPE (Society for Creation of Opportunity through Proficiency in English) an online Exam for Teaching Staff
- Computer Training Program for Office Staff
- Computerized Library
- Computerized Individual Departments

4.6 Amount spent on maintenance in lakhs :

i) ICT

97,885

ii) Campus Infrastructure and facilities

2,12,629

iii) Equipments

1,07,699

iv) Others

Total :

4,18,213

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- **IQAC takes care of the Up gradation of Brochure details to intimate the students as well as parents about the availability of Student Support Services in the form of Mean & Merit Scholarships provided by the Government as well as the Trust.**
- **IQAC takes care of the maximum utilization of the advance facilities provided by the college in the form of infrastructure as well as academic programs for the welfare of the students.**
- **Students from SC/ST, OBC and economically weaker sections**
- **Physically challenged students**
- **For the participants of different national/international competition**
The college students participate in national/international activities at three categories:
 1. Academic conferences/workshops
 2. Sports
 3. Cultural activities
- **Medical help/Medical center /Medical Insurance for the students.**
- **Development of skills**
The college runs career Oriented Programmes to develop various technical skills.
 4. Hands of Practice in Tissue Culture Techniques
 5. Applied Plant Tissue Culture Techniques
 6. SCOPE: English Proficiency Certificate Course
 7. Advanced English Proficiency Course
 8. Hands on Training on Industrial Equipments
 9. Certificate Course in Fashion Designing
 10. Certificate Course in Cooking
 11. Certificate Course in Beauty Parlour
 12. Certificate Course in Soil Analysis
 13. Certificate Course on Leadership Development & Management
 14. Certificate Course in Air-condition Installation & Maintenance
 15. Certificate Course in Repair & Maintenance of Home Appliances
- **Support for 'Slow learners'**
The college organizes remedial classes for slow learners. The faculties gave special attention to such students.
- **Exposures of students to other institution of higher learning/corporate/business house etc.**
The college sends final year students for Industrial training and industrial visits to various industries.
We organize educational tours to academic and research institutes such as Physical Research Laboratory, Indian Plasma research, ISRO, IISER Pune, Mapro FOOD Industrv Panchenni. Science Citv. Ahmedabad etc. along with

5.2 Efforts made by the institution for tracking the progression

- Continuous evaluation of the students
- Participation of the students in curricular, co-curricular activities & extra-curricular activities
- Seminars
- Project based learning
- Industrial Visits
- Industrial Training
- Field Trips
- Academic Tours
- Organization of workshops

5.3 (a) Total Number of students

| UG | PG | Ph. D. | Others (M.Phil.) |
|------|-----|--------|------------------|
| 1379 | 144 | 12 | 4 |

(b) No. of students outside the state

(c) No. of international students

Men

| No | % |
|-----|-------|
| 863 | 62.58 |

Women

| No | % |
|-----|-------|
| 659 | 47.78 |

| Last Year | | | | | | This Year | | | | | |
|-----------|-----|----|-----|-----------------------|-------|-----------|-----|----|-----|-----------------------|-------|
| General | SC | ST | OBC | Physically Challenged | Total | General | SC | ST | OBC | Physically Challenged | Total |
| 873 | 154 | 45 | 618 | 02 | 1692 | 778 | 144 | 36 | 565 | 01 | 1539 |

Demand ratio ---- Dropout 5 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- **Cell for Preparation of civil services examination**
Institute has organized coaching classes for preparation of civil services examinations like GPSC, UPSC, Railway Recruitment Boards, Banking Services and other state level examinations. They were given training for better interview preparation. We have found satisfactory improvement in their performance and confidence.
An IAS training centre is run by our Trust at its Gandhinagar campus. Gandhinagar, being the state capital, a pool of IAS officers is available for training. Their lectures are live streamlined to our college at Kadi with a two-way communication.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET

SET/SLET

GATE

CAT

15

IAS/IPS etc

State PSC

UPSC

Others

5.6 Details of student counselling and career guidance

Students are being counseled on various grounds by faculty members and we try to sort out various problems of students.

Following cells are actively engaged in the Counseling work:

Career Counseling Cell: It guides the students regarding career options and other academic matters

Grievance redressal cell: Any issue academic, social or psychological is being dealt with by senior faculty members.

1. A bright girl from Science had developed a love affair with a loafer type boy and her parents were in panic. They met the Principal for help. The Dept Head & the Principal had counseling sessions with the girl to convince her to think of her career and healthy social life. Apart from that, one of the CGB secretaries, who is a friend of the boy's family, talked directly to his father. And thus, the boy was kept outside the issue and the girl rejoined the college and her study as well.
2. In another case, a girl from Arts, recently married, lived her parents to complete the studies. Somehow, due to social networking of Whats'app with the friends, her fiancé doubted her character. They had a bitter exchange of words in this regard. The girl was in tears and thinking of suicide in case her marriage will end up in divorce. Here one of her senior faculty member noticed her disturbed mental state, inquired about the matter. After a while, he advised her to first of remove extra groups from Whats' app, no exchange of pics & videos with the classmates. Asked her not to have group photos of friends as dp of hers and her friends and had finally talked to her father-in-law about the misunderstanding, her bright academic career and the depressed mental state of the girl. After a family meeting, the issue was sort out.
3. In one more case, a girl from Arts due to her talkative and bold nature, came in contact with other college young faculty during her library sessions. She just innocently and out of respect started communication on whats' app with him. But the faculty member from other institute of the campus got possessive about her and started chasing her as well. When complained to the senior faculty of the college, the young faculty was invited for discussion; how this issue can affect their social as well as academic career, it can spoil the image of the campus as well as his professional career and apart from this, morally speaking a student – teacher pious relation should not be spoiled. After a long discussion on all this things aspects, the girl agreed not to chat on social networking with strangers and the faculty member also got convinced to avoid such interaction with student.

Women's Cell: It helps girl students to develop skill based education for entrepreneurship and economic self-reliance.

1. Certificate Course in Fashion Designing
2. Certificate Course in Cooking
3. Certificate Course in Beauty Parlour

Sarva Netrutva Training Workshops:

No. of students benefitted

5.7 Details of campus placement:

Yes the college has an active Career Counselling Cell and the college is a part of the state level placement programme (Universal Development of Integrated employability Skills through Higher education Agencies) **UDISHA** – A Gujarat government initiative to increase employability of students of the state.

Also, the college generally organizes ‘campus interviews’ for the students of B.Sc. as well as M.Sc.

Field Expert from Cera Ceramics Pvt. Ltd. had a Placement Orientation Program in College Virtual Hall for B.A. & B.Sc. students to introduce them to various production sections, marketing department and availability of job for boys and girls as well.

Meghmani Industries Ltd. (Manufacturers of Dyes, Agro chemicals and intermediates) visited the Department of Chemistry, Patan, to guide and offer job in their companies. Our students attended the programme and were benefitted. Students of B.Sc. (Biotechnology) were exposed to industries through training of two weeks in industries such as,

- (a) Cadial Health care
- (b) ZydusMayne oncology Pvt. Ltd.
- (c) IntasPharma
- (d) IFFCO
- (e) AMUL dairy
- (f) Totun Pharma
- (g) Casil Pharma
- (h) Gujarat Cancer research Centre
- (i) Claris Life Science
- (j) Somany Sanitary ware Pvt. Ltd.
- (k) Vivekanand Oil Industries Ltd.
- (l) Alembic Pharmaceuticals Ltd.
- (m) Nirlife Healthcare Ltd.

Students from science faculty of our college have been selected from different industries.

| <i>On campus</i> | | | <i>Off Campus</i> |
|--|---------------------------------|---------------------------|---------------------------------|
| Number of Organizations Visited | Number of Students Participated | Number of Students Placed | Total Number of Students Placed |
| Cera Ceramics Ltd. Arvind Limited, Santej BVoc & CC Data | 150 | 124 | 124 |

| Sr. No. | Name of Industry | Placement |
|----------------|--|------------------|
| 1 | Vivekanand Group of Industries, Kadi | 10 |
| 2 | Pashupati Cotspin LLP, Balasar, Kadi | 2 |
| 3 | Arvind Limited, Khatraj | 12 |
| 4 | Jagdish Cotton Industries, Kadi | 4 |
| 5 | D. Raja Cotton Pvt. Ltd., Kadi | 2 |
| 6 | Vaibhavlaxmi Spinning Mills Ltd. | 2 |
| 7 | Ozone P. B. Spintex Pvt. Ltd. | 1 |
| 8 | Aashai Glass Ltd. | 3 |
| 9 | Ravi Automation | 2 |
| 10 | Santoshi Enterprises | 1 |
| 11 | Nilkamal Spinning Products | 1 |
| 12 | HONDA (Sukhmaa Sons & Associates) | 1 |
| 13 | Ambica Polysacks | 1 |
| 14 | Umiya Cotton Industries | 1 |
| 15 | Indian Commodities | 1 |
| 16 | Khodiyar Medical Store | 1 |
| 17 | Gajanand Carting | 1 |
| 18 | Royal Electronics | 1 |
| 19 | Supernova Engineers Ltd. | 1 |
| 20 | CERA Sanitaryware Ltd. | 1 |
| 21 | Khadi Gramodhyog Prayog Samiti | 1 |
| 22 | Roshani Mahila Kalyan Sanstha | 1 |
| 23 | Brahmani Engineering Works | 1 |
| 24 | Venzu Overseas Pvt. Ltd. | 1 |
| 25 | Amit Human Capital Management Service | 1 |
| 26 | Adani India Pvt. Ltd., Mundra | 1 |
| 27 | Corel Pharma Chem., Kadi | 2 |
| 28 | Kayvee Aeropharma Pvt. Ltd., Kadi | 1 |
| 29 | Safal lifescience pvt.ltd | 4 |
| 30 | Abaris Healthcare | 4 |
| 31 | Advantmed | 7 |
| 32 | Realcade lifescience pvt. ltd | 1 |
| 33 | Cera Sanitary Ware Ltd., Kadi (Ceramic Division) | 8 |
| 34 | Somany Ceramics Ltd., Kadi | 5 |
| 35 | Swastik Ceracone limited | 2 |
| 36 | Ajita sill chem limited | 6 |
| 37 | Murugappa Morgan Thermal Ceramic limited | 8 |
| 38 | Italia Ceramic limited | 4 |
| 39 | Thyllakoid biotech, Gandhinagar | 13 |
| 40 | Greenfield Biotech, Adalaj | 4 |

5.8 Details of gender sensitization programmes

Yes, the institution has a student grievance redressed cell. In order to meet the grievances, “Suggestion Box” has been kept near the administrative office. The college has a “Grievance Redressed Cell” to redress the grievances of the stakeholders and students. The committee sorts out their problems promptly and amicably. The committee also redresses the grievances of the stakeholder as and when required. Serious issues are discussed in the staff meeting and the rest are sorted out in an informal manner.

GRIVANCES REDRESSED:

1. A bright girl from Science had developed a love affair with a loafer type boy and her parents were in panic. They met the Principal for help. The Dept Head & the Principal had counseling sessions with the girl to convince her to think of her career and healthy social life. Apart from that, one of the CGB secretaries, who is a friend of the boy’s family, talked directly to his father. And thus, the boy was kept outside the issue and the girl rejoined the college and her study as well.
2. In another case, a girl from Arts, recently married, lived with her parents to complete the studies. Somehow, due to Chatting on WhatsApp with the friends, her fiancé started doubting her character. They had a bitter exchange of words in this regard. The girl was in tears and thinking of suicide in case her marriage will end up in divorce. Here one of her senior faculty member noticed her disturbed mental state, inquired about the matter. After a while, he advised her to first of all remove extra groups from WhatsApp, no exchange of pics & videos with the classmates. Asked her not to have group photos of friends as dp and had finally talked to her father-in-law about the misunderstanding, her bright academic career and the depressed mental state of the girl. After a family meeting, the issue was sorted out.
3. In one more case, a girl from Arts due to her talkative and bold nature, came in contact with other college young faculty during her library sessions. She just innocently and out of respect started communication on WhatsApp with him. But the faculty member from other institute of the campus got possessive about her and started chasing her as well. When complained to the senior faculty of the college, the young faculty was invited for discussion; how this issue can affect their social as well as academic career, it can spoil the image of the campus as well as his professional career and apart from this, morally speaking a student – teacher pious relation should not be spoiled. After a long discussion on all this things aspects, the girl agreed not to chat on social networking with strangers and the faculty member also got convinced to avoid such interaction with student.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.9.3 No. of students got Incentives from the Institution

- **2 College Trophies** are honoured to Students for Best Sports Performance every year :

Shakti Trophy : Best Sport Person of the College: Girls Category

Shaushthav Trophy: Best Sport Person of the College: Boys Category

- **97 Shields** are given to the winners in Athletics & Sports at University/State/National Level

- **25 Tracksuits** are given to the winners at State Level Competitions.

- **Free Lodging & Boarding** is provided to 123 students to participate in different sport events

5.10 Scholarships and Financial Support

| | Number of students | Amount |
|--|--------------------|-----------|
| Financial support from institution | 98 | 2,29,930 |
| Financial support from government | 298 | 24,29,855 |
| Financial support from other sources | | |
| Number of students who received International/ National recognitions | | |

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____NIL_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

The Vision of the Institute is,

“To keep pace with global advances in Education, by providing value based knowledge and nurturing professional skills in the area of Science and Arts, with special emphasis on societal elevation through rural development.”

Mission

To accomplish the vision, our Mission is,

- 1. To achieve the status of “Centre for Excellence” after being recognized as ‘College with Potential for Excellence’.**
- 2. To make students more employable through Career Oriented Programs and inspire them to create jobs by inculcating entrepreneurial skills.**
- 3. To cultivate scientific attitude, research aptitude and soft skills among the students.**
- 4. To instill enthusiasm for preservation of languages, art and cultural heritage.**
- 5. To create state of the art infrastructure to facilitate teaching, research and sports.**
- 6. To promote the teachers for consultancy and patent generation.**
- 7. To contribute to societal elevation by empowering women and through value based education.**

6.2 Does the Institution has a management Information System

Our Trust SVKM _ Sara Vidyalaya Kelavani Mandal_ has signed an MOU with another University for ERP which will manage the total functions of the college which includes Students’ Modules, Teachers’ Modules, Account Modules, Examination Modules, Library Modules etc. Here with we mention that the ERP system is going to cover each and every functionality of the college in connection with all the stake holders including management, affiliating University, students, parents, Alumni and Government Departments like Education Dept., PF Dept., IT Dept. etc. In short, the system is exhaustive for the total functionality of the college. The University with which we have signed MOU has implemented the ERP successfully since 2012. It is expected that our Trust is going to implement this ERP in full fledged form from January 2018, as only customization portion yet to be modified in the existing system which is already implemented successfully as mentioned above.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

The following faculties of the college contribute to the curricula design and development process as University members of Board of Studies of respective subjects:

| Sr No. | Faculty | Subject |
|--------|-----------------------------|-------------------|
| 1 | Dr Ajay Gor (The Principal) | B.Voc. |
| 2 | Dr Minal Trivedi | Community College |
| 3 | Mr. C. V. Patel | Chemistry |
| 4 | Dr Z.F.Thakor | Chemistry |
| 5 | Dr N.J. Parikh | History |
| 6 | Dr A. H. Vyas | English |
| 7 | Mr C. A. Patel | Physics |
| 8 | Dr Parimal Chatrabhuji | Chemistry |

- Prior to the BOS meetings of the university, the BOS Members of the college hold discussion with other faculty members regarding the curriculum and take their feedback to the university.
- We prepare questionnaire with respect to curriculum and take written feedback from the students which is, in turn, forwarded to the concerned authorities including faculties and the University.

In Hemchandracharya North Gujarat University, we the only institute to initiate Vocation Courses. B.Voc.

: Textile & Ginning Technology
Pharmaceutical Chemistry

Community College : Textile & Ginning Technology
Agriculture & Soil Sciences
Ceramic Technology

Thus we play a pivotal role not only in Board of Studies but also in practicing innovations in Examination process as well.

We have introduced Three Tier Evaluation Method to make the assessment more authentic:

Three Tier Assessments:

- Level 1: Evaluation at Institute level
- Level 2: Evaluation at University level by inviting an industry representative as an examiner
- Level 3: At National level by Sector Skill Council

6.3.2 Teaching and Learning

The college gives great emphasis on innovation and creativity in teaching methodologies. In order to facilitate such innovative practices the college has adopted the use of technology in to teaching methods.

- A) **Academic Tours and Industry visits:** The College organizes regular academic tours, field work and industry visits to expose and motivate the students to demands of industry and society.
- B) **Industrial Training :** For students of Science & Vocation Studies, the college has MOUs with 44 industries for first hand exposure to industrial experience through industrial training.
- C) **Industrial Experts' Lectures:** Along with the Industrial Visits & Industrial Trainings, the college invites the Industrial Authorities for Expert Lectures on various topics related to the curriculum.
- D) **Daily Homework, Daily Assessment Project:** Especially, final year students of BSc are invited to participate in this project to enhance their subjective knowledge and team-work spirit. For every 15 students, one team-leader is selected and as an appreciation of his efforts, monthly the college pays him remuneration as well. Thus, this project support the saying "Earning with Learning"
- E) **Mentorship Project:** To inspire students' involvement in the development of the college, semester wise Mentors are appointed to look after the academic progress of the students apart from their co-curricular and extra-curricular development during the studies.
- F) **Project based learning:** Particularly, to the final year students of B.Sc., The faculty members assign projects. Students are directly involved in activities such as soil analysis, and seedlings and hardening of plants, tissue cultured in our Plant Tissue Culture Lab. We make them earn while learning by involving in such projects.
- G) **Specialized trainings:** The college students are given opportunity to learn the Open Source Software in collaboration with IIT-Mumbai, and exposure to sophisticated equipments like HPLC, FTIR, GC etc. in our research lab. Such advanced trainings prepare the students for employable markets.
- H) **Assignments and Seminar:** Students are regularly given assignments, quizzes and they are required to present seminars in their classes. Due weight age to these activities is given in the internal evaluation.
- I) **Interactive board/ Multimedia projectors:** The teachers are encouraged to use interactive boards and multimedia projectors for better presentation. The interactive boards allow the teachers to 'save' the study material, which can be e-mailed to students for future use and studies.
- J) **Visualizer:** The College has purchased a Visualizer, which records all the experimental work done by students that can be reviewed by students /teachers later and can be shown to another group of students.

The following structure is adopted for achieving the above mentioned learning outcomes:

- Remedial classes for weak learners
- Motivation for rank holders
- ICT enabled training and provision for ICT tools
- Quality improvement program
- Faculty development program
- Theory, projects, assignments & practical for effective learning.

6.3.3 Examination and Evaluation

EVALUATION BLUE PRINT:

We have developed a strong efficient and effective evaluation blue print based on sincerity, secrecy and sanity at every stage such as planning, scheduling, conduction of examination, assessment and moderation of answer books and declaration of results.

Administrative setup-

- College Examination committee- This committee consists of college senior faculties nominated by the principal. The committee is in charge for all matters pertaining to examination which includes preparation of examination, schedule, monitoring of the process, paper setting and assessment of answer books and declaration of results.

Examination pattern

- We follow the examination pattern of the affiliating university in which the university exam and internal assessment carry 70 marks and 30 marks respectively. Internal assessment (30 marks) consists of mid-semester examination (20 marks) and 10 marks for seminar, assignment, attendance, Quiz and fieldwork.
- **Weekly Tests:** We have adopted continuous evaluation pattern as a part of internal assessment in case of T. Y. B. Sc. Students. For 50 % of internal evaluation, we conduct weekly tests every Monday. Total 15 such tests are conducted out of which best 13 are considered. For remaining 50 % of internal evaluation a preliminary examination is conducted.
- **Additional examination** – For any student who fails to appear in some or all papers at the internal examination due to genuine reasons like medical leave, representing college/university in sports, cultural, N.C.C., N.S.S., or the activities conducted by recognized bodies or because of any valid reason, we offer retest.

6.3.4 Research and Development

- State-of-the-art research laboratory
- Well equipped plant Tissue Culture Lab and a Green House
- Research supervisors/guides in various subjects
- Computerized library and INFLIBNET facility
- Computer lab enabled with internet facility
- The college and the hostels are Wi-Fi enabled.
- Research funds
- The UGC has recognized our college as “College with Potential for Excellence” and provided a special grant of Rs1,40,00,000/- a big part of which is being spent for establishing research facilities in the college.
- The college has spent about Rs.45,00,000/- towards creating research facilities.
- The college has signed MOUs with nearby industries e.g. Corel, Torrent, etc. Corel has donated a GC to our research laboratory.
- KSV university has provided additional financial support to several Projects.

6.3.5 Library, ICT and physical infrastructure / instrumentation:

- **Library:** The College has a resourceful library and students have free access to it from morning 8:00 to evening 10:00 .
- **Library Reading Hall :** Air conditioned 100 cubicles capacity Reading Hall remains open 24X7 .
- **Computation facility:** A computer lab with over 50 computers enabled with broadband internet and Wi-Fi facility is fully available to students and faculty.
- **Inflibnet:** The College has subscribed INFLIBNET whereby lot of e-journals and e-books are available for research students of the college. Internet facility for students and the library is connected through intranet and is available to each teacher on his/her desktop.
- Text & Reference Books
- journals & magazines
- 1,25,000 e-books
- 6000 e- journals
- 609 CD/DVD educational material
- 6 computers with internet facility are available for soft data search.

6.3.6 Human Resource Management

| Human resource management | | | | | | | |
|---------------------------|-----------|--------|---------------------|--------|---------------------|--------|-------|
| Highest qualification | Professor | | Associate Professor | | Assistant Professor | | Total |
| | Male | Female | Male | Female | Male | Female | |
| Permanent teachers 36 | | | | | | | |
| D.Sc./D.Litt. | -- | -- | --- | -- | -- | -- | |
| Ph.D. | -- | -- | 11 | 1 | 7 | 3 | 22 |
| M.Phil. | -- | -- | 2 | -- | -- | 1 | 03 |
| PG | -- | -- | 6 | -- | 3 | 3 | 11 |
| Temporary teachers 03 | | | | | | | |
| Ph.D. | -- | -- | -- | -- | 4 | 1 | 5 |
| M.Phil. | -- | -- | -- | -- | -- | 1 | 1 |
| PG | -- | -- | -- | -- | 3 | 1 | 4 |
| Part-time teachers 03 | | | | | | | |
| Ph.D. | -- | -- | -- | -- | 1 | -- | 1 |
| M.Phil. | -- | -- | -- | -- | -- | -- | -- |
| PG | -- | -- | -- | -- | 2 | -- | 2 |

- Out of 12, 10 are pursuing research, of which 5 are on the verge of completing Ph.D.
- The college management recruits qualified faculty members as per university guidelines and supports them fully to retain them.
- Provides congenial environment, security and full facility for research
- Provides financial support to carry research projects (e.g. in year 2012-13 eight faculty members have got projects worth Rs. 4,00,000/- by college management)
- Provides financial support to attend international conferences abroad (e.g. Prin. Dr. Ajay Gor received Rs. 50,000/- to present their research work at conferences in USA)

6.3.7 Faculty and Staff recruitment

- As per the Government & UGC norms faculty and staff recruitment takes place .
- When the State Govt. delays the NOC process for old/new vacancies as per the work- load, the College Trust, as per Govt. academic qualification recruitment process norms, appoints the Faculty as well as Staff not to let the college work hamper for the benefit of the students.

6.3.8 Industry Interaction / Collaboration

Industry interaction

- MOUs with industries
- The institute is associated with various industries for
- Organization of campus interview
- Involvement of experts from Industries in teaching and curriculum design students training and placement like,

| Sr No. | Name of the Industry | Sr No. | Name of the Industry |
|--------|-------------------------------------|--------|-------------------------------|
| 1 | Divine Life Care | 17 | Esquedrughouse |
| 2 | West Coast Pharma | 18 | Nirma Healthcare Gujarat Lab. |
| 3 | IFFCO, Kalol | 19 | Zydus Hospriya |
| 4 | Intas Biopharma | 20 | GSBTM |
| 5 | Lincoin Pharma, Ahmedabad | 21 | Mother Dairy |
| 6 | Zydus Cadila, Ahmedabad | 22 | Torrent Pharma |
| 7 | Sanket Metropolis Health Se. | 23 | Troika Pharma |
| 8 | Claris Life sciences Ltd. Ahmedabad | 24 | Osho Pharma |
| 9 | Stanmark Pharma | 25 | Jay Formulation Ltd. |
| 10 | Sabar Dairy | 26 | Aniket Pharma |
| 11 | Coral Pharma | 27 | Lizard Pharma |
| 12 | Prantij Pharma | 28 | Ganesh Sales |
| 13 | Euphoric Pharma | 29 | Aura Neturaceuticals Ltd |
| 14 | Cadila, Dholka | 30 | Concord Biotech |
| 15 | Best roses Biotech | 31 | Mediwin Pharma |
| 16 | Amneal Pharma | | |

We have inducted several executives from Industries into our curriculum design committees as listed below.

| Sr No. | Executives from Industries & academia for curriculum design committees |
|--------|--|
| 1 | Mr. Nilesh Trivedi, AGM, Torrent Pharma Ltd. |
| 2 | Dr. Hemant Desai, GM, Nirlife Healthcare Ltd. |
| 3 | Dr. Mahendra Sadadiya, MD, San Envirotech Pvt. Ltd., Ahmedabad |
| 4 | Mr. Deep Modi, Director, Environponics Solutions Pvt. Ltd., Ahmedabad |
| 5 | Dr. Anand Bhadalkar, Sector Specialist, Industry Sector, GSBTM, Govt. of Gujarat, Gandhinagar |
| 6 | Mr. Sanjay Patel, Director, SP Renewable Energy Source Pvt. Ltd., Anand and SP Energy Resources Pvt. Ltd., USA |

The list of MOUs with Industries is separately attached particularly for B.Voc. & C.C. programs.

Annexure V

6.3.9 Admission of Students

The college ensures wide publicity and transparency in the admission process as mentioned below.

- Admission advertisement is published in leading regional and local daily newspapers. The announcement contains detailed information about number and range of courses, eligibility, process of admission and academic as well as support facilities.
- Prospectus giving all the academic, administrative and financial aspects related to admission process is made available to students.
- The detailed information regarding admission is displayed on the college website: www.psshda.org.
- The faculty members of the college personally visit various schools of the neighboring areas to counsel students regarding the career opportunities of the programmes offered by the college.
- The institution actively participates in various education fairs at national and international level e.g. the institute had a stall in 4th Vibrant Gujarat Global Summit at Gandhinagar, the Capital of Gujarat.

Transparency:

- Ours is a Grant-in-aid college with many self financed courses at its ledger and admissions are made as per state government and affiliating university's norms and guidelines.
- We display merit list and admit students purely on merit basis. In few subjects where the number of seats remain vacant, we give admission to students on 'First Come, First Serve' basis.

6.4 Welfare schemes for

| | |
|--------------|---|
| Teaching | <ul style="list-style-type: none"> • Group Insurance • Free Education for their children in the campus • Research Scholarships from Kadi Sarva Vishwa Vidyalyaya • Travel Loan for International Conference abroad • Study Leave • Maternal Leave even, to self-financed staff • EPF benefits to the permanent faculties of self-financed staff • Workshops for equipment training as well as soft skills in the campus |
| Non teaching | <ul style="list-style-type: none"> • Group Insurance • Free Education for their children in the campus • EPF benefits • Workshops for soft skill Training in the campus |
| Students | <ul style="list-style-type: none"> • Merit & Mean Scholarships & Freeships from Govt. & the Trust • Coaching Classes for Competitive Exams • Medical Insurance & Medical Centre at the Campus premises • Skill based Career Oriented Programs • Publication of Students' Magazine • Entrepreneurship Development Programmes • NSS / NCC activities • Saptadhara • UDISHA & BISAG online Expert Lectures etc. |

6.5 Total corpus fund generated

10,00,000/-

6.6 Whether annual financial audit has been done

Yes

☒

No

☐

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

| Audit Type | External | | Internal | |
|----------------|----------|---------------------------------|----------|-----------|
| | Yes/No | Agency | Yes/No | Authority |
| Academic | Yes | Knowledge Consortium of Gujarat | Yes | IQAC |
| Administrative | Yes | Knowledge Consortium of Gujarat | Yes | IQAC |

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

☐

No

☒

For PG Programmes

Yes

☐

No

☒

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

University reforms

- With the introduction of the CBCS for all the UG and PG programmes continuous evaluation process in internal assessment of 30 marks is inducted. 10 out of the 30 internal marks are given for seminars, quiz, assignments, projects and class room participation.
- The structure of question papers of the external (University) exams of 70 marks is modified so as to include multiple choice questions (MCQ) to prepare the students for competitive examinations.
- The passing level is raised from 35% to 40% in the University as well as internal exam.

Institution reforms

➤ Weekly Test

Institution has been following weekly test pattern for final year B.Sc. students for their internal continuous evaluation. Every Monday, weekly test is organized and out of total 15 such weekly tests, marks of best 13 tests are considered for internal assessment. Due to continuous evaluation we have found enhanced performance of the students and rank at university examination. The weekly tests have a weightage of 50% to internal evaluation.

- **Preliminary Examinations:** Along with weekly tests we conduct a prelim, which contributes 50 % to internal evaluation.
- **MCQ tests:** We have introduced MCQ tests as a part of continuous internal evaluation. For this purpose the college has purchased OMR scanners and relevant legal software.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

During College CPE Advisory Committee Meeting held by UGC on 30th March, 2018, **a Staff Discussion Session on College Autonomy** was held with Dr K.B.Sharma, Principal, S.S. Jain Subodh PG (Autonomous) College, Jaipur (with 3.82 CGPA, Model College of Rajasthan & Best College of North India).

6.11 Activities and support from the Alumni Association

For any institution its alumni base serves as its backbone and it can contribute to the development of the organization greatly. We are proud to mention that our Trust is run solely by its alumni. Our college has an alumni association and the students of this college can register to the alumni association through the college web site.

(<http://www.psshda.org/alumni.php>).

- The alumni association has worked as partner in all round development of our institution. They have instituted scholarships for bright students of the college.
- They have freely donated to the growth of the institution.
- They visit the institution regularly and motivate our students.
- Some of the alumni contribute in designing the syllabi in accordance with the need of the employment market.
- They help us organize campus interviews and guide the students to appropriate jobs.

6.12 Activities and support from the Parent – Teacher Association

We organize parent – teachers meetings wherein we discuss general issues regarding students' improvement and gather feedback from parents. Parents take active interest in the development of the college and involve themselves in various activities conducted by college.

6.13 Development programmes for support staff

- The support staff is given soft skill training, especially of Computer Operative Skills to make the administration smooth, effective, accurate and time-saving for the students and the institute as well. In this respect, the newly appointed staff is given training of the Computer Skills by the mother institute MCA college in the campus only.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Ecology and Environment:

- In tune with the current awareness as well as employment opportunities in the field of Environment the college has introduced a PG course (M.Sc.) in Environment Science.
- The institute organizes the environment related programmes, seminars, workshops etc. and subscribes journals / magazines related to ecology and environment. The regular environment awareness programmes among the students and society is observed by N.S.S. unit of the institute. As a part of environmental conversation, tree plantation programmes are organized at adopted village. The maintenance of trees and cleanliness drives are organized as a part of regular activities.
- Our departments of Botany, Zoology and Chemistry also organize the programmes for ecological and environmental awareness. The college possesses a well-maintained Botanical Garden including medicinal plants and green house.

Institute conducts green audit of campus. Institute believes in collective duty to care for our environment. Through a project carried out by Bioscience department, it was analyzed that there are about 1000 trees in the campus and the average standing stock of organic carbon in well grown trees is about 2988 tons.

The institute celebrates world earth day, world ozone day etc to create environmental awareness.

Faculty members of biotechnology department have undertaken the projects to,

- Sustain renewable energy source (Biogas plant),
- Waste management (Composting and waste water recycling) and
- Plantation contributes to make the campus green and sustainable.

Criterion – VII

7. Innovations and Best Practices

- 7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Developing B.Voc. & Community College Programs

As per the UGC XII Plan Guideline:

“To align higher education with the emerging needs of the economy so as to ensure that the graduates of higher education system have adequate knowledge and skills for employment and entrepreneurship”

To fulfill the ‘**Skills Gap requirements**’ of the Textile & Ginning Industry of Kadi region as well as the 12 kms. surrounding Chemical Industrial GIDC of Chhatral and the Agricultural Farming Traditional Occupation of the North Gujarat Region, the College applied for B.Voc. & C.C. Programs in the aforesaid disciplines.

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year.

| Plan of Action | Achievements |
|--|--|
| To Organize 2 State Level Workshops 9 th BT-CBC-2017 (6 days) (SY and TY) | 8th BT CBC (Biotechnology Capacity Building Cell) 6 Days 2 State Level Workshops were organized: Sem VI: 98 students and Sem IV: 76 students of 8 colleges were benefited. |
| To organize National Seminar on Ancient Indian Culture & Architecture | National Seminar on <i>Ancient Indian Culture and Architecture</i> was organized on July 3, 2017. |
| To organize Physics Workshop | Three Days State Level Workshop on Electronic Circuit & Quantum Physics during Jan29 – Feb.1, 2018; 225 Students and 10 Faculties were benefited. |
| To organize National Conference on Biotechnology | GSBTM sponsored Two Days National Conference on Environmental Conservation: Micro-biotechnological Methods to Combat Global Issues was organized in collaboration with HVHP Institute of Post Graduate Studies & Research during 10-11 February, 2018 : 162 Participants, 65 Oral & 90 Poster Presentations were the major outcome. |
| To organize National Seminar on NAAC | NAAC sponsored Two Day National Seminar on “ <i>New Methodology of NAAC and Harnessing New Modes of Teaching and Learning to Modernize Higher Education</i> ” during 23-24 February, 2018. 21 Principals and 104 Professors from all over India participated in the event. 17 Presentations also took place. |
| To organize Science Fair | Organized Science Fair : in two phases: 5 – 7 Jan.18 at Gandhinagar & 10 – 11 Jan.18 at Kadi . The college students presented 25 models & 12 Poster Presentations. |
| To organize 4G Carnival | 4G Carnival Celebration of Four Science Clubs was organized on 2-3 January, 2018. 200 students participated in various competitions. |
| To introduce Faculty Development Project on Digital Exam Reforms | Organized One Day Workshop on Soft Skill Based Internal Exam Reforms on March 15, 2018 for Arts Faculty Members: 12 Faculty members were benefited. |
| To organize <i>Samvedana</i> in Humanities | Samvedana: a Four Days Program organized by English Dept in collaboration with Sanskrit, History & Gujarati Depts: Indoor & Outdoor Activities & Competitions were organized: 300 students were benefited. |
| To organize Charity Campaign for Banaskantha Flood Relief Program | Charity Campaign in Kadi vicinity for Banaskantha Flood Relief Program was organized during 29-30 July, 2017. 70 students and 12 faculties participated in the Nobel cause. |
| To organize 7 Days NSS Camp | 7 Days NSS Annual Camp was organized during January 24-30, 2018 at Kolad, Taluka: Kadi, Dist. Mehsana: 50 volunteers and 10 faculties participated |
| To organize Workshop on Plant Maintenance | One Day Workshop on Plant Maintenance and Safety of Basic Mechanical Instruments was organized by Textile & Ginning Technology Dept on Nov. 21, 2017: 24 students were benefited. |

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

1. **Micro soil testing Program**
2. **Working with Industry Program**

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

Annexure: IV – i, ii

7.4 Contribution to environmental awareness / protection

Energy conservation

- ☐ ☐ In Chemistry and Biotechnology laboratories as well as in kitchens in hostel, we are using Piped Natural Gas (PNG) as fuel which conserves energy. In institution, we are using CFL at few places like seminar hall, auditorium, and computer laboratory for and power saver tube lights at other places which conserves energy.

Use of renewable energy

- ☐ ☐ **Use of renewable source of energy for cooking fuel:** Biotechnology department has set a biogas system in campus which is working entirely on kitchen waste generated in hostel, and the gas generated is used as fuel for cooking in hostel kitchens. A pilot plant has been setup that uses 40 kg of kitchen waste and produces gas of 1200 gm per day which saves the requirement of other nonrenewable fuel.
- ☐ ☐ **Compost from campus agriculture-plant waste:** The agro-waste that is generated in institution premises is converted into compost. The compost prepared from this is used in gardens as source of organic nutrient.

7.5 Whether environmental audit was conducted? Yes ☒ No ☐

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Pramukh Swami Science and H.D.Patel Arts College is a premier education institute of the state, affiliated to Hemchandrachaya North Gujarat University, Patan. College is re-accredited 'A' grade by NAAC. College is awarded with potential for excellence by UGC first in 2010 and again after re-accreditation CPE phase II up to 2019 by UGC. College is also awarded with AAA rank-1 by Govt. of Gujarat. Institute offers 7 UG, 6 PG, 2 M.Phil and 6 Ph.D. programmes in the faculty of science and Arts. College also offers 8 certificate courses to inculcate skills for the current needs of local industries. College is having strong Institute- Industry linkages with Sun Agrigenetics Pvt., Ltd, Vadodara., Pashupati AgroGreen Industries, Kadi, Pink Vision Agrotech Ltd., Ahmedabad, Claris Life sciences Ltd., Ahmedabad, Hester Biosciences Ltd., Kadi, Intas Biopharma Ltd., Ahmedabad and Corel Pharma, Kadi. College is having advanced research laboratory with sophisticated equipments like HPLC, GC, FTIR, UV visible spectrophotometer. Apart from this, advance plant tissue culture laboratory have been developed for research in the area of tissue culture.

8. Plans of institution for next year

- Motivation of Faculty for major/minor research projects.
- Organization of FDP
- Organization of Sports Events
- Organization of NSS & NCC Events
- Organization of National level Workshop/Conference in Chemistry, Sanskrit, Gujarati, History & English.

Name : Dr Anand Vyas

Name : Dr Ajay Gor

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

_____*_*_*____

Annexure: I

PRAMUKH SWAMI SCIENCE & H. D. PATEL ARTS COLLEGE, KADI
ACADEMIC CALENDAR 2017-18

| Sr No | Particulars | Date as per Academic Calendar |
|------------------|---|--|
| 1 | Beginning of the Academic Year | 12-06-2017 |
| 2 | Date of Completion of Admission & Commencement of Teaching (UG/PG) | 15-06-2017 |
| 3 | Last Date of Enrollment (Arts) | 31-07-2017 |
| | Last Date of Enrollment (Science) | 16-08-2017 |
| 4 | Internal Test (Theory UG/PG) | 14-09-2017 |
| 5 | University Exam. (UG Sem I & III) | 03-10-2017 |
| | University Exam (UG Science Sem. V) | |
| 6 | Diwali Vacation | 16-10-2017 to 05-11-2017 |
| 7 | Beginning of the Second Term | 06-11-2017 |
| 8 | University Exam. (UG Arts Sem V & PG) | 09-11-2017 |
| 9 | Commencement of Teaching (UG / PG) | 20-11-2017 |
| 10 | Internal Test (Theory UG/PG) | 26-02-2018 |
| 11 | University Exam. (UG Sem IV & VI) | 26-03-2018 |
| | (UG Sem II & PG) | 12-04-2018 |
| | University Practical Exam (Science Sem VI) | 12-04-2018 |
| 12 | Summer Vacation | 27-04-2018 to 14-06-2018 |

PRAMUKH SWAMI SCIENCE & H. D. PATEL ARTS COLLEGE, KADI
COCURRICULAR ACTIVITY CALENDAR 2017-18

| Sr No | Particulars | Date as per Academic Calendar |
|------------------|--|--|
| 1 | Beginning of the Academic Year | 12-06-2017 |
| 2 | Date of Completion of Admission & Commencement of Teaching (UG/PG) | 15-06-2017 |
| 3 | “What is a College?”:A Sarva Netrutva Program By Mr Suresh Patel | 21-06-2017 |
| 4 | “Sanskrit & Indian Culture in Global Perspective” By Dr Shashibal, Dean, Bhartiya Vidya Bhavan, New Delhi | 03-07-2017 |
| 5 | Guru Purnima Celebration | 10-07-2017 |
| 6 | Fresher’s College Orientation Program | 11-07-2017 |
| 7 | Pre – Youth Festival College Competitions 1st : Git – Sangit – Nrutya Dhara : Music & Dance | 22-07-2017 |
| 8 | 2nd : Sarjanatmak Abhivyakti Dhara : Creative Expression | 29-07-2017 |
| 9 | 3rd : Rang – Kala Kaushal Dhara : Fine Arts | 05-08-2017 |
| 10 | 4th : Gyan Dhara & Natya Dhara : Knowledge & Theatre | 12-08-2017 |
| 11 | Sports Event : Badminton, Chess, Table Tennis & Kabaddi | 26-08-2017 |
| 11 | Teachers’ Day Celebration | 05-09-2017 |
| 12 | Tree Plantation Day | 09-09-2017 |
| 12 | University Exam. (UG Sem IV & VI) | 26-03-2018 |
| | (UG Sem II & PG) | 12-04-2018 |
| | University Practical Exam (Science Sem VI) | 12-04-2018 |

Annexure: II

Pramukh Swami Science & H. D. Patel Arts College, Kadi
Academic Year 2017-18
Feedback Analysis
English Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | Over all |
|---------------------|------------------|------|------|------|------|------|------|-------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| Dr Alpa Jani | 4.12 | 3.5 | 3.51 | 3.43 | 3.2 | 3.62 | 3.62 | 4.04 | 3.77 | 3.63 | 3.64 |
| Mr Samir Pandya | 3.54 | 3.48 | 3.71 | 3.58 | 4.12 | 3.73 | 3.55 | 3.78 | 3.78 | 3.7 | 3.7 |
| Ms Dhara Choksi | 4.63 | 4.55 | 4.58 | 4.4 | 4.37 | 4.43 | 4.35 | 4.85 | 4.23 | 4.31 | 4.44 |
| Ms Jenny Parmar | 3.01 | 3.05 | 3.7 | 3.35 | 3.5 | 3.28 | 3.5 | 3.6 | 3.66 | 3.74 | 3.44 |
| Dr Anand Vyas | 4.81 | 4.77 | 4.87 | 4.77 | 4.83 | 4.7 | 4.79 | 4.778 | 4.81 | 4.83 | 4.8 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|------|------|---|-----|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 4.05 | 4.01 | 3.67 | 4 | 3.7 | 3.77 | 3.97 | 4.08 | 3.81 | 3.85 | 3.92 | 3.33 | 3.9 | 3.94 | 4.08 | 3.69 | 3.87 | 3.61 | 3.59 | 3.84 | 3.78 | 3.77 | 3.88 | 4.05 | 3.81 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|------|------|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 4.02 | 3.76 | 3.97 | 3.67 | 4 | 4.18 | 4.02 | 4.36 | 4.11 | 3.92 | 3.71 | 3.85 | 3.98 | 3.95 | 3.74 | 3.84 | 3.94 | 3.94 | 3.66 | 4.02 | 3.76 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|------|------|------|------|-----|------|------|------|------|------|
| Analysis | 4.21 | 3.83 | 3.51 | 3.41 | 4.1 | 4.27 | 4.41 | 4.25 | 4.12 | 3.93 |

Gujarati Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|---------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Dr Prashant Patel | 3.6 | 3.4 | 3.6 | 3.58 | 3.42 | 3.64 | 3.37 | 3.44 | 3.61 | 3.77 | 3.54 |
| Dr B. S. Patel | 3.7 | 3.45 | 3.51 | 3.48 | 3.67 | 3.75 | 3.65 | 3.74 | 3.81 | 3.88 | 3.66 |
| Mr Kaushik Trivedi | 3.61 | 3.52 | 3.58 | 3.51 | 3.45 | 3.67 | 3.42 | 3.64 | 3.54 | 3.65 | 3.55 |
| Dr Anand Vyas | 3.67 | 3.71 | 3.71 | 3.82 | 3.55 | 3.72 | 3.61 | 3.75 | 3.72 | 3.92 | 3.71 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|
| Analysis | 3.9 | 3.68 | 3.78 | 3.54 | 3.63 | 3.59 | 3.83 | 4.16 | 4.16 | 3.77 | 3.49 | 3.67 | 3.81 | 3.96 | 4.29 | 3.7 | 3.52 | 3.73 | 3.49 | 3.55 | 3.57 | 3.83 | 3.75 | 3.73 | 3.93 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|---|------|------|------|-----|------|------|---|------|------|------|------|------|------|------|------|-----|------|------|------|
| Analysis | 4.09 | 4 | 3.92 | 3.88 | 3.81 | 4.3 | 4.25 | 4.35 | 4 | 4.15 | 3.92 | 4.14 | 4.04 | 4.05 | 3.98 | 3.98 | 3.87 | 3.8 | 4.07 | 4.08 | 4.21 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|-----|------|------|------|------|------|------|------|------|-----|
| Analysis | 4.4 | 3.89 | 3.83 | 3.72 | 3.91 | 4.36 | 4.25 | 4.12 | 4.17 | 4.4 |

History Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|---------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Dr Naresh Parikh | 4.3 | 4.38 | 4.3 | 4.42 | 4.3 | 4.36 | 4.39 | 4.27 | 4.32 | 4.37 | 4.34 |
| Dr Dipak Patel | 4.19 | 4.2 | 4.03 | 3.97 | 4.36 | 4.08 | 4.03 | 4.28 | 3.89 | 4.86 | 4.18 |
| Mr Kiran Patel | 4.1 | 4 | 3.97 | 4.13 | 4.18 | 4.06 | 4.06 | 4.14 | 5.85 | 4.21 | 4.27 |
| Dr Anand Vyas | 4.56 | 4.4 | 4.45 | 4.44 | 4.44 | 4.37 | 4.24 | 4.42 | 4.42 | 4.57 | 4.43 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|----|------|------|------|----|------|------|----|------|------|------|
| Analysis | 4.25 | 3.81 | 3.98 | 3.87 | 3.73 | 3.78 | 4.13 | 4.14 | 4.07 | 4.14 | 3.98 | 3.81 | 4.1 | 3.85 | 4 | 3.82 | 3.89 | 3.73 | 4 | 3.78 | 3.98 | 4 | 4.01 | 3.93 | 4.13 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|------|------|------|---|-----|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|
| Analysis | 4.35 | 3.87 | 4.01 | 3.74 | 3.81 | 4 | 4.3 | 4.37 | 3.87 | 3.77 | 3.64 | 3.49 | 3.96 | 3.89 | 3.72 | 3.74 | 3.75 | 3.69 | 3.6 | 3.91 | 4.17 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 4.18 | 4.06 | 3.64 | 3.94 | 3.69 | 3.95 | 3.98 | 4.08 | 4.04 | 3.73 |

Sanskrit Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|---------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Dr Mahakant Joshi | 4.51 | 4 | 4.64 | 4.16 | 4.54 | 4.45 | 4 | 4.58 | 4.38 | 4.16 | 4.34 |
| Dr B. H. Vankar | 4.19 | 4 | 4.29 | 4.06 | 4.58 | 4.35 | 4.09 | 4.19 | 4.58 | 4.29 | 4.26 |
| Dr Nilpa Patel | 3.93 | 3.8 | 4.06 | 4.12 | 4.35 | 4.8 | 4.03 | 4 | 3.93 | 4.12 | 4.11 |
| Dr Anand Vyas | 4.77 | 4.61 | 4.7 | 4.51 | 4.35 | 4.77 | 4.32 | 4.61 | 4.58 | 4.32 | 4.55 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|------|------|------|-----|------|------|------|------|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 4.41 | 4.35 | 3.29 | 3.41 | 3.8 | 3.22 | 4.22 | 4.67 | 4.38 | 3.9 | 3.7 | 3.87 | 4.16 | 4.06 | 3.96 | 3.74 | 3.74 | 4.12 | 3.29 | 3.77 | 3.25 | 3.51 | 4.16 | 3.87 | 3.77 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|------|------|------|---|------|------|------|------|------|------|-----|------|------|------|------|------|------|-----|------|
| Analysis | 4.37 | 3.96 | 3.59 | 4.25 | 4.12 | 4 | 3.84 | 3.87 | 3.65 | 3.71 | 3.68 | 3.62 | 3.4 | 2.93 | 3.06 | 3.03 | 3.21 | 3.12 | 3.62 | 3.5 | 3.71 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|------|------|------|------|-----|------|---|-----|------|------|
| Analysis | 4.19 | 4.12 | 3.47 | 3.29 | 3.8 | 3.77 | 4 | 3.4 | 3.82 | 2.78 |

Mathematics Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|---------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Dr Ajay Gor | 8.74 | 8.18 | 8.77 | 7.88 | 8.11 | 7.92 | 8.11 | 8.7 | 8 | 7.77 | 8.22 |
| Dr Ashvin Patel | 9.33 | 9.11 | 9.4 | 9.37 | 9.14 | 8.55 | 9.22 | 9.66 | 9.5 | 9.4 | 9.27 |
| Dr Ashok Patel | 8.44 | 8.63 | 8.37 | 8.33 | 8.25 | 8.03 | 8 | 8.4 | 9.23 | 9 | 8.47 |
| Mr Dharmendra Patel | 9.55 | 9.25 | 9.4 | 9.11 | 8.7 | 9.22 | 9.11 | 9.55 | 9.46 | 8.85 | 9.22 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|-----|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|----|------|
| Analysis | 3.82 | 3.8 | 3.77 | 3.76 | 3.7 | 3.73 | 3.77 | 4.22 | 3.82 | 3.75 | 3.67 | 3.63 | 3.46 | 3.64 | 4.05 | 3.63 | 3.71 | 3.73 | 3.6 | 3.67 | 3.63 | 3.67 | 3.73 | 4 | 3.85 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|------|------|
| Analysis | 4.15 | 3.78 | 3.75 | 3.69 | 3.63 | 4.18 | 3.96 | 4.12 | 4.09 | 3.81 | 3.81 | 3.54 | 3.69 | 3.87 | 3.48 | 3.69 | 3.39 | 3.81 | 4 | 3.93 | 4.24 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|------|------|-----|------|---|------|------|-------|------|------|
| Analysis | 4.03 | 4.25 | 3.7 | 4.03 | 4 | 3.74 | 4.35 | 4.096 | 4.38 | 3.77 |

Chemistry Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|----------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Mr C. V. Patel | 8.6 | 8.1 | 8.08 | 7.46 | 7.61 | 8.03 | 7.51 | 8.14 | 7.90 | 8.16 | 7.96 |
| Dr Z. F. Thakor | 7.98 | 7.64 | 7.43 | 7.16 | 7.79 | 7.16 | 7.20 | 7.65 | 7.52 | 7.74 | 7.53 |
| Dr Mukesh Patel | 7.6 | 7.92 | 7.58 | 7.59 | 7.14 | 7.75 | 7.12 | 7.86 | 7.53 | 7.79 | 7.59 |
| Dr Vipin Patel | 7.62 | 7.66 | 7.28 | 8.14 | 7.4 | 7.69 | 7.42 | 7.63 | 7.33 | 7.82 | 7.6 |
| Dr P. M. Chatrabhuji | 7.48 | 7.7 | 6.76 | 7.28 | 6.77 | 7.19 | 6.95 | 7.53 | 7.23 | 7.58 | 7.25 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|------|------|------|------|-----|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 3.64 | 3.63 | 3.63 | 3.63 | 3.73 | 3.8 | 3.75 | 4.35 | 4.06 | 3.83 | 3.8 | 3.93 | 3.85 | 3.66 | 3.97 | 3.68 | 3.76 | 3.69 | 3.73 | 3.78 | 3.68 | 3.85 | 3.75 | 3.86 | 3.98 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|
| Analysis | 3.88 | 3.65 | 3.6 | 3.62 | 3.73 | 3.98 | 4.03 | 4.32 | 3.87 | 3.68 | 3.35 | 3.53 | 3.78 | 3.6875 | 3.88 | 3.68 | 3.72 | 3.68 | 3.81 | 3.67 | 3.73 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 4.23 | 3.87 | 3.49 | 3.67 | 3.79 | 3.92 | 4.27 | 4.14 | 3.98 | 3.76 |

Physics Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|---------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Mr S. B. Patel | 1.26 | 1.57 | 2.94 | 2.89 | 2.36 | 1.52 | 1.89 | 2.63 | 4.03 | 4.15 | 2.52 |
| Mr Chetan Patel | 9.15 | 9.31 | 9.57 | 9.63 | 9.13 | 8.94 | 8.94 | 9.63 | 9.26 | 9.42 | 9.30 |
| Dr Mohit Swadia | 9.15 | 9.21 | 9.3 | 9 | 9.31 | 9.47 | 9 | 8.57 | 9.63 | 9.68 | 9.23 |
| Dr Harshal Devta | 9.15 | 9.05 | 8.84 | 9.15 | 9.10 | 9.26 | 9.36 | 9 | 9.21 | 9.84 | 9.19 |
| Mr Mitesh Patel | 8.42 | 8.21 | 9 | 8.21 | 8.42 | 8.73 | 8.36 | 8.84 | 9.05 | 8.89 | 8.61 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|-----|------|-------|------|------|-----|------|-----|------|------|-----|-----|------|------|------|------|------|------|------|------|------|-----|------|-------|
| Analysis | 4.63 | 4.2 | 4.43 | 4.266 | 4.36 | 4.26 | 4.4 | 4.56 | 4.3 | 4.36 | 4.26 | 4.1 | 4.4 | 4.06 | 4.06 | 3.93 | 3.83 | 4.33 | 4.03 | 4.06 | 4.53 | 4.63 | 4.2 | 4.43 | 4.266 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|-----|------|------|------|------|------|------|------|------|------|------|--------|------|------|------|------|------|------|------|
| Analysis | 3.88 | 3.65 | 3.6 | 3.62 | 3.73 | 3.98 | 4.03 | 4.32 | 3.87 | 3.68 | 3.35 | 3.53 | 3.78 | 3.6875 | 3.88 | 3.68 | 3.72 | 3.68 | 3.81 | 3.67 | 3.73 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|------|------|------|-----|------|------|------|------|------|------|
| Analysis | 4.71 | 4.42 | 4.35 | 4.1 | 4.53 | 4.39 | 4.64 | 4.67 | 4.57 | 4.32 |

Biotechnology Department

Students' Feedback on Teachers:

| Name of the Faculty | No. of Questions | | | | | | | | | | |
|---------------------|------------------|------|------|------|------|------|------|------|------|------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | Over all |
| Dr Kamlesh Shah | 9.48 | 9.43 | 9.26 | 9.34 | 8.92 | 9.29 | 9.21 | 9.41 | 9.29 | 9.41 | 9.30 |
| Dr Ram Suthar | 9.48 | 9.36 | 8.87 | 9.19 | 9.51 | 9.43 | 9.51 | 9.31 | 9.21 | 8.92 | 9.28 |
| Ms Gayatri Patel | 8.65 | 9 | 9.05 | 8.9 | 9.24 | 9 | 9.09 | 8.85 | 8.95 | 9.05 | 8.98 |
| V.P | 8.85 | 8.95 | 9.22 | 9.12 | 8.97 | 8.85 | 9.04 | 9.04 | 9.04 | 9.29 | 9.04 |

Students' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|-----------------|------|------|-----|-----|------|-----|------|------|------|-----|------|------|------|------|-----|------|------|------|------|------|------|------|------|------|------|
| Analysis | 3.54 | 3.44 | 3.4 | 3.5 | 3.44 | 3.4 | 3.48 | 3.92 | 3.84 | 3.5 | 3.51 | 3.72 | 3.67 | 3.67 | 3.8 | 3.69 | 3.67 | 3.52 | 3.51 | 3.62 | 3.72 | 3.69 | 3.62 | 3.86 | 3.74 |

Parents' Feedback on Syllabus:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 |
|-----------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|-----|
| Analysis | 3.94 | 3.84 | 3.72 | 3.89 | 3.87 | 3.89 | 4.21 | 4.01 | 4.21 | 3.86 | 3.87 | 3.81 | 3.96 | 3.73 | 4.04 | 3.9 | 3.84 | 3.81 | 3.96 | 3.87 | 4.1 |

Parents' Feedback on Institute:

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------|-----|------|------|------|------|------|------|-----|------|------|
| Analysis | 4.2 | 3.88 | 3.86 | 3.87 | 3.92 | 4.18 | 3.85 | 4.1 | 4.02 | 4.11 |

Pramukh Swami Science & H. D. Patel Arts College, Kadi
Academic Year 2017-18
Feedback Analysis

Employer's Feedback

| No of Questions | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|-----------------|------|------|------|---|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Analysis | 4.56 | 4.25 | 4.25 | 4 | 4 | 4.18 | 4.12 | 4.12 | 4.37 | 4.43 | 3.62 | 4.31 | 3.87 | 3.93 | 4.12 | 4.12 | 4.18 | 4.31 | 4.62 | 4.68 |



Pramukh Swami Science & H. D. Patel Arts College
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NAAC Accredited : Grade A(CGPA 3.20)
College with Potential for Excellence (CPE) : Awarded by UGC
AAA Rank 1 – Awarded by Govt. of Gujarat

| | | | |
|--------------------------------|----------------------------------|----------------------|--|
| Academic Year શૈક્ષણિક વર્ષ | | Semester સેમેસ્ટર | |
| Degree ડિગ્રીનું નામ | B.A./B.Sc./M.A./M.Sc./B.Voc./C.C | Subject વિષય | |

STUDENT'S FEEDBACK OF TEACHERS' ASSESSMENT

અધ્યાપકોને લગતા વિદ્યાર્થીઓના અભિપ્રાયો

પ્રિય, વિદ્યાર્થીમિત્ર,

આપશ્રી અમારી સંસ્થામાં ઉચ્ચ અભ્યાસર્થે દાખલ થયેલ છે જે આપ અને અમારા માટે ગર્વની વાત છે. આપશ્રી આપના અધ્યાપકોને લગતા નીચેના પ્રશ્નોના પ્રતિભાવો આપશો. આપના પ્રતિભાવો અમારા માટે મુલ્યવાન છે.

Please give your overall academic assessment of curriculum aspects and rate us on the following criteria:

Excellent(5), Very Good(4), Good(3), Average(2), Needs improvement(1)

ઉત્તમ (5), ઘણું સારું (4), સારું (3), સરેરાશ (2), સુધારાને અવકાશ(1)

| Sr. ક્રમ | Questions : પ્રશ્નો | Teachers' Name અધ્યાપકનું નામ | | | | |
|-------------|---|----------------------------------|--|--|--|--|
| | | | | | | |
| 1. | Communication skills - Clarity and Understanding of presentation વિષયનું સચોટ, સ્પષ્ટ અને સમરસ માર્ગદર્શન | | | | | |
| 2. | Interest generated by the teacher: The Content of literature and topic covered met your expectation: વિષયની રસપ્રદ અભિવ્યક્તિ : શું આપની અપેક્ષા પર ખરી ઉતરી છે? | | | | | |
| 3. | Ability to integrate course material with environment/other issues to provide a broader perspective – Inclusion of Examples : અભ્યાસક્રમને અન્ય બાબતો સાથે જોડી વિશાળ પરિપેક્ષમાં રજૂ કરવા: વિવિધ ઉદાહરણ આપવા વગેરે | | | | | |
| 4. | Ability to integrate across the courses/draw upon other courses અન્ય વિષયો સાથે જોડાણ કરવાની ક્ષમતા | | | | | |
| 5. | Accessibility of teacher in and out of the class વર્ગ અંદર અને બહાર શિક્ષકની ઉપલબ્ધતા | | | | | |
| 6. | Ability to design quizzes/examinations/assignments/projects to test understanding of the course ક્વીઝ/ચર્ચા/જૂથ પ્રવૃત્તિ/વર્ગ પરીક્ષા/પ્રોજેક્ટ | | | | | |

| | | | | | | |
|-----|---|--|--|--|--|--|
| | વગેરે દ્વારા વિષયની સમજુતી વધારવાની ક્ષમતા | | | | | |
| 7. | Provision of sufficiently timely feedback : યોગ્ય અને સમયસર મૂલ્યાંકન | | | | | |
| 8. | Knowledge base of the teacher અધ્યાપકનાં જ્ઞાનનું ઊંડાણ | | | | | |
| 9. | Sincerity/commitment of the teacher અધ્યાપકની વિષય/વિદ્યાર્થી પ્રત્યેની પ્રતિબદ્ધતા અને સંનીષ્ઠતા | | | | | |
| 10. | Overall rating : એકંદરે અધ્યાપકનું ગુણાંકન | | | | | |



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AAA Rank 1 – Awarded by Govt. of Gujarat

| | | | |
|---------------------------------------|--|-----------------------------|--|
| Academic Year શૈક્ષણિક વર્ષ | | Semester સેમેસ્ટર | |
| Degree ડિગ્રીનું નામ | B.A./B.Sc./M.A./M.Sc./B.Voc./C.C. | Subject વિષય | |

STUDENT'S FEEDBACK OF CURRICULUM ASPECTS

અભ્યાસક્રમને લગતા વિદ્યાર્થીઓના અભિપ્રાયો

પ્રેય, વિદ્યાર્થીમિત્ર,

માપશ્રી અમારી સંસ્થામાં ઉચ્ચ અભ્યાસર્થે દાખલ થયેલ છે જે આપ અને અમારા માટે ગર્વની વાત છે. આપશ્રી આપના અભ્યાસક્રમના લગતા નીચેના પ્રશ્નોના પ્રતિભાવો આપશો. આપના પ્રતિભાવો અમારા માટે મુલ્યવાન છે.

Please give your overall academic assessment of curriculum aspects and rate us on the following criteria:

Excellent(5), Very Good(4), Good(3), Average(2), Needs improvement(1)

ઉત્તમ (5), ઘણું સારું (4), સારું (3), સરેરાશ (2), સુધારાને અવકાશ(1)

| Sr. | Questions | 5 | 4 | 3 | 2 | 1 |
|-----|---|---|---|---|---|---|
| 1. | How do you rate the sequence of the Courses that you have studied are in sequence to what you have studied in the previous semester? આગળના સેમેસ્ટરમાં અભ્યાસ કરેલ અભ્યાસક્રમ ના યુનિટ રચનાની તુલનામાં વર્તમાન અભ્યાસક્રમ નાં યુનિટ રચના કેવી લાગી ? | | | | | |
| 2. | How do you rate the relevance of the units in Syllabus relevant to the course? વર્તમાન અભ્યાસક્રમના યુનિટ્સ/પ્રકરણો નું મહત્વ કેવું લાગ્યું? | | | | | |
| 3. | How do you rate the sequence of the units in the course વર્તમાન અભ્યાસક્રમના યુનિટ્સ/પ્રકરણો નો ક્રમ કેવો લાગ્યો? | | | | | |
| 4. | How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course? વર્તમાન ડીગ્રીનો અભ્યાસક્રમ કેટલા અંશે અપેક્ષિત સ્પર્ધાત્મકતા અનુરૂપ છે ? | | | | | |
| 5. | How do you rate the allocation of the credits to the courses? વર્તમાન અભ્યાસક્રમને યુનિવર્સિટીએ આપેલ ક્રેડિટ ગુણ તમને કેટલા અંશે યોગ્ય લાગ્યા ? | | | | | |
| 6. | How do you rate the distribution of the contact hours among the course components (L-T-P)? વર્તમાન અભ્યાસક્રમના યુનિટ્સ/પ્રકરણોને આપેલ અભ્યાસ કલાકોની વહેંચણી તમને કેટલા અંશે યોગ્ય લાગ્યા ? | | | | | |
| 7. | How do you rate the offering of the electives in terms of their relevance to the specialization streams? વર્તમાન અભ્યાસક્રમમાં આપેલ પ્રથમ અને દ્વિતીય ગૌણ વિષયોનું મહત્વ મુખ્ય વિષયના સાપેક્ષ માં તમને કેટલા અંશે યોગ્ય લાગ્યા ? | | | | | |

| | | | | | | |
|-----|--|--|--|--|--|--|
| 8. | How do you rate the relevance of the Text Books and reference books by their International recognition to the Courses? વર્તમાન અભ્યાસક્રમને લગતા લાઈબ્રેરીમાં ઉપલબ્ધ પાઠ્ય પુસ્તકો અને સંદર્ભ ગ્રંથો શું આંતરરાષ્ટ્રીય સ્તરના છે? | | | | | |
| 9. | Have you obtained sufficient technical and other facilities through your college? શું આપને આપની કોલેજમાંથી પુરતી ટેકનીકલ અને અન્ય સવલતો મળે છે ? | | | | | |
| 10. | Rate the Size of syllabus in terms of the load on the student વર્તમાન અભ્યાસક્રમ કદના અભ્યાસભાર વિષે આપનો શું મત છે ? | | | | | |
| 11. | How do you Rate the loading of the courses in a semester? વર્તમાન અભ્યાસક્રમમાં સેમેસ્ટર ના અભ્યાસ ભાર વિષે આપનો શું મત છે ? | | | | | |
| 12. | How do you rate the percentage of courses having LAB components? આપના અભ્યાસક્રમમાં લેબોરેટરી વર્કને આપવામાં આવેલ ભાર વિષે આપનો શું મત છે ? | | | | | |
| 13. | How do you rate the experiments in relation to the real life Applications? આપના અભ્યાસક્રમને લગતા પ્રાયોગિક શિક્ષણનું વાસ્તવિક જીવનમાં શું મહત્વ છે ? | | | | | |
| 14. | Is the education imparted at PSSHDA College is useful and relevant in your day to day life? આપની કોલેજમાં આપવામાં આવતા શિક્ષણનો ઉપયોગ અને મહત્વ રોજીંદા જીવનમાં કેટલું છે ? | | | | | |
| 15. | Is the encouragement to student for participation in various co- curricular and sports activities is proper? શું વિદ્યાર્થીઓને અભ્યાસ પુરક અને અભ્યાસેત્તર પ્રવૃત્તિઓમાં ભાગ લેવા માટે પુરતું પ્રોત્સાહન આપવામાં આવે છે? | | | | | |
| 16. | Does the syllabus help to provide employment? શું વર્તમાન અભ્યાસક્રમ વ્યવસાયલક્ષી છે? | | | | | |
| 17. | Whether the curriculum facilities available in your college are helpful for developing soft skills? શું આપની કોલેજમાં ઉપલબ્ધ અભ્યાસલક્ષી સગવડો (સોફ્ટ સ્કીલ્સ: સ્પોકન ઈંગ્લીશ, કોમ્પ્યુટર, સંશોધન વગેરે કૌશલ્ય વિકસાવવામાં મદદરૂપ થઈ શકે છે ? | | | | | |
| 18. | Syllabus is need based. શું વર્તમાન અભ્યાસક્રમ જરૂરીયાત લક્ષી છે? | | | | | |
| 19. | The course /syllabus has good balance between theory and application શું વર્તમાન અભ્યાસક્રમમાં થીયરી અને પ્રાયોગિક શિક્ષણમાં પુરતું સંતુલન છે ? | | | | | |
| 20. | Does the syllabus address to cross cutting issues such as environment, gender and human rights? શું વર્તમાન અભ્યાસક્રમ તત્કાલીન મુદ્દાઓ જેવાકે પર્યાવરણ , જાતિવાચક અને માનવ અધિકારને સ્પર્શે/બ્યાય આપે છે? | | | | | |
| 21. | How relevant do you feel are the skills and knowledge that PSSHDA College | | | | | |

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| | provides students for the current employment situation in Overseas? આપની કોલેજમાં ઉપલબ્ધ કૌશલ્ય અને જ્ઞાનલક્ષી શિક્ષણ શું વિદેશમાં રોજગારને ધ્યાનમાં લઈને કેટલા અંશે ઉપયોગી છે? | | | | | |
| 22. | Has the Placement Cell provided sufficient On Campus and Off Campus placement opportunities? શું આપની કોલેજમાં પ્લેસમેન્ટ સેલ કેમ્પસમાં અને કેમ્પસ બહાર પુરતી તકો આપે છે ? | | | | | |
| 23. | Aims and objectives of the syllabi are well defined and clear to teachers and students. શું વર્તમાન અભ્યાસક્રમના હેતુઓ અને ઉદ્દેશ્યો શિક્ષકો અને વિદ્યાર્થીઓમાં યોગ્ય રીતે સ્પષ્ટ કરેલ છે? | | | | | |
| 24. | The course/syllabus has made me interested in the subject area. શું વર્તમાન અભ્યાસક્રમ અને પદ્ધતિ મારામાં વિષય પ્રત્યે રસ પેદા કરી શક્યો છે ? | | | | | |
| 25. | The environment in the department is conducive to teaching and research આપના વિભાગનું વાતાવરણ શિક્ષણ અને સંશોધન અનુકૂળ છે ? | | | | | |



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AAA Rank 1– Awarded by Govt. of Gujarat

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| Degree of the ward આપના પાલ્યની ડિગ્રીનું નામ | B.A./B.Sc./M.A./M.Sc./B.Voc./C.C. | Semester સેમેસ્ટર | |
| Academic Year શૈક્ષણિક વર્ષ | | Subject of the Ward આપના પાલ્યનો વિષય | |

PARENTS FEEDBACK OF INSTITUTIONAL FACILITIES AVAILABLE TO STUDENT

વાલીઓના સંસ્થાકીય સવલતોનું મૂલ્યાંકન

પ્રેય,
શાલીગણ
માપશ્રી આપના પાલ્યના ઉચ્ચ અભ્યાસર્થે અમારી સંસ્થાની પસંદગી કરેલ છે જેનું અમને ગૌરવ છે .
માપના પાલ્યની ઉચ્ચ શૈક્ષણિક કારકિર્દી માટે તેના અભ્યાસક્રમના લગતા નીચેના પ્રશ્નોના પ્રતિભાવો આપશો.

Please give your overall academic assessment of curriculum aspects and rate us on the following criteria:

Excellent(5), Very Good(4), Good(3), Average(2), Needs improvement(1)

ઉત્તમ (5), ધણું સારું (4), સારું (3), સરેરાશ (2), સુધારાને અવકાશ(1)

| Sr. | Questions પ્રશ્નો | 5 | 4 | 3 | 2 | 1 |
|-----|--|---|---|---|---|---|
| 1. | Educational Quality / સંસ્થાનું શૈક્ષણિક સ્તર | | | | | |
| 2. | Over all Development Activities:વિદ્યાર્થીના સર્વાંગી વિકાસની પ્રવૃત્તિઓ | | | | | |
| 3. | Research Activities / સંશોધન પ્રવૃત્તિઓ | | | | | |
| 4. | Infrastructural Facilities / માળખાકીય સુવિધાઓ | | | | | |
| 5. | Skill Development Activities / કૌશલ્ય વર્ધક પ્રવૃત્તિઓ | | | | | |
| 6. | Teachers' Approach / અધ્યાપકોનો વ્યવહાર/અભિગમ | | | | | |
| 7. | NCC / NSS Activities / એન.સી.સી. અને એન.એસ.એસ. પ્રવૃત્તિઓ | | | | | |
| 8. | Cultural Activities / સંસ્કૃતિક પ્રવૃત્તિઓ | | | | | |

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| 9. | Sports : રમત ગમત ની પ્રવૃત્તિઓ | | | | | |
| 10. | Office Staff Support / ઓફીસ સ્ટાફનો વ્યવહાર/અભિગમ | | | | | |



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| Degree of the ward આપના પાલ્યની ડિગ્રીનું નામ | B.A./B.Sc./M.A./M.Sc./B.Voc./C.C. | Semester સેમેસ્ટર | |
| Academic Year શૈક્ષણિક વર્ષ | | Subject of the Ward આપના પાલ્યનો વિષય | |

PARENTS FEEDBACK OF CURRICULUM ASPECTS

વાલીઓના અભ્યાસક્રમને લગતા પ્રતિભાવો

પ્રિયવાલીગણ,

આપશ્રી આપના પાલ્યના ઉચ્ચ અભ્યાસર્થે અમારી સંસ્થાની પસંદગી કરેલ છે જેનું અમને ગૌરવ છે .

આપના પાલ્યની ઉચ્ચ શૈક્ષણિક કારકિર્દી માટે તેના અભ્યાસક્રમના લગતા નીચેના પ્રશ્નોના પ્રતિભાવો આપશો.

Please give your overall academic assessment of curriculum aspects and rate us on the following criteria:

Excellent(5), Very Good(4), Good(3), Average(2), Needs improvement(1)

ઉત્તમ (5), ઘણું સારું (4), સારું (3), સરેરાશ (2), સુધારાને અવકાશ(1)

| Sr. | Questions પ્રશ્નો | 5 | 4 | 3 | 2 | 1 |
|-----|--|---|---|---|---|---|
| 1. | How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course? વર્તમાન ડીગ્રીનો અભ્યાસક્રમ કેટલા અંશે અપેક્ષિત સ્પર્ધાત્મકતા અનુરૂપ છે ? | | | | | |
| 2. | How do you rate the offering of the electives in terms of their relevance to the specialization streams? વર્તમાન અભ્યાસક્રમમાં આપેલ પ્રથમ અને દ્વિતીય ગૌણ વિષયોનું મહત્વ મુખ્ય વિષયના સાપેક્ષ માં તમને કેટલા અંશે યોગ્ય લાગ્યા ? | | | | | |
| 3. | Rate the Size of syllabus in terms of the load on the student વર્તમાન અભ્યાસક્રમ કદના અભ્યાસભાર વિષે આપનો શું મત છે ? | | | | | |
| 4. | Rate the courses in terms of extra learning or self learning considering the design of the courses વર્તમાન અભ્યાસક્રમ અભ્યાસેત્તરશિક્ષણ અથવા સ્વ અભ્યાસલક્ષી છે ? | | | | | |
| 5. | Is the education imparted at PSSHDA College is useful and relevant in your day to day life? આપની કોલેજમાં આપવામાં આવતા શિક્ષણનો ઉપયોગ અને મહત્વ રોજીંદા જીવનમાં કેટલું છે ? | | | | | |
| 6. | Are you satisfy with the infrastructure facilities namely library, laboratory, canteen, medical Centers play ground and other campus facilities? શું આપની કોલેજમાં ઉપલબ્ધ માળખાકીય સવલતો દા.ત. લાઈબ્રેરી, લેબોરેટરી, કેન્ટીન,મેડીકલ સેન્ટર, રમતગમત મેદાન અને સગવડો વગેરે પુરતી છે ? | | | | | |
| 7. | Teaching standards and teacher's approach towards students | | | | | |

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| | શિક્ષણ સ્તર અને શિક્ષકોનો વિદ્યાર્થી પ્રત્યેનો અભિગમ કેવો છે? | | | | |
| 8. | Academic progress of your ward at college. આપના બાળકનો શૈક્ષણિક વિકાસ આ કોલેજમાં કેવો છે? | | | | |
| 9. | Is the encouragement to student for participation in various co- curricular and sports activities is proper? શું વિદ્યાર્થીઓને અભ્યાસ પુરક અને અભ્યાસેતર પ્રવૃત્તિઓમાં ભાગ લેવા માટે પુરતું પ્રોત્સાહન આપવામાં આવે છે? | | | | |
| 10. | Does the syllabus help to provide employment? શું વર્તમાન અભ્યાસક્રમ વ્યવસાયલક્ષી છે? | | | | |
| 11. | Does the syllabus is up to date? શું વર્તમાન અભ્યાસક્રમ અદ્યતન કક્ષાનો છે? | | | | |
| 12. | Whether the syllabus was helpful for developing soft skills? શું વર્તમાન અભ્યાસક્રમ સોફ્ટ સ્કીલ્સ વિકસાવવા માટે ઉપયોગી છે? | | | | |
| 13. | Does the syllabus address to cross cutting issues such as environment, gender and human rights? શું વર્તમાન અભ્યાસક્રમ તત્કાલીન મુદ્દાઓ જેવાકે પર્યાવરણ, જાતિવાચક અને માનવ અધિકારને સ્પર્શે/ન્યાય આપે છે? | | | | |
| 14. | The curriculum is designed so as to enhance our employability શું કોલેજની અભ્યાસને લગતી સવલતો વ્યાવસાયિકતા વિકસાવવા માટે પુરતી છે ? | | | | |
| 15. | How relevant do you feel are the skills and knowledge that PSSHDA College provides students for the current employment situation in Overseas? આપની કોલેજમાં ઉપલબ્ધ કૌશલ્ય અને જ્ઞાનલક્ષી શિક્ષણ શું વિદેશમાં રોજગારને ધ્યાનમાં લઈને કેટલા અંશે ઉપયોગી છે? | | | | |
| 16. | Has the Placement Cell provided sufficient On Campus and Off Campus placement opportunities? શું આપની કોલેજમાં પ્લેસમેન્ટ સેલ કેમ્પસમાં અને કેમ્પસ બહાર પુરતી તકો આપે છે ? | | | | |
| 17. | Do you receive regular updates from the Institute through Mails/Calls/SMS etc.? શું આપને સંસ્થા તરફથી નિયમિત માહિતી ઈમેલ/ફોન/એસએમએસ થી મળે છે? | | | | |
| 18. | Have you obtained sufficient technical and other facilities through your college? શું આપને આપની કોલેજમાંથી પુરતી ટેકનીકલ અને અન્ય સવલતો મળે છે ? | | | | |
| 19. | The curriculum incorporates moral and professional ethics શું વર્તમાન અભ્યાસક્રમ મૂલ્ય વર્ધક અને વ્યાવસાયિક નીતિ વર્ધક છે? | | | | |
| 20. | Do you believe that the courses which are being delivered by PSSHDA College are helpful to the students in the relevant industries/Society and global needs? શું કોલેજમાં ઉપલબ્ધ શૈક્ષણિક અભ્યાસક્રમો વિદ્યાર્થીઓને માટે સમાજ, વૈશ્વિક જરૂરિયાતો અને ઉદ્યોગલક્ષી વિકાસ માટે ઉપયોગી છે? | | | | |
| 21. | Are you willing to the contribute to the development of the college? શું આપ કોલેજના વિકાસમાં પ્રદાન કરવા માંગો છો? | | | | |
| Revised Guidelines of IQAC and submission of AQAR | | Page 68 | | | |

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|--|--|--|--|--|--|
| 1. Academic 2. Placement 3. Expert Services 4. Financial 5. All of these | | | | | |
| ૧. શૈક્ષણિક ૨. વિદ્યાર્થીઓને નોકરીની તક ૩. વિશેષજ્ઞ તરીકે સેવા ૪. આર્થિક ૫. આ બધામાં | | | | | |



Pramukh Swami Science & H. D. Patel Arts College
Sarva Vidyalaya Campus, Behind Railway Station,
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College with Potential for Excellence (CPE) : Awarded by UGC

AAA Rank 1 – Awarded by Govt. of Gujarat

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| Academic Year શૈક્ષણિક વર્ષ | | Semester સેમેસ્ટર | |
| Degree ડિગ્રીનું નામ | B.A./B.Sc./M.A./M.Sc./B.Voc./C.C. | Subject વિષય | |

FACULTY'S FEEDBACK

અધ્યાપકોના અભિપ્રાયો

પ્રિય, અધ્યાપકમિત્રો,

આપશ્રી અમારી સંસ્થામાં ઉચ્ચ શિક્ષણકાર્ય હેતુ જોડાયેલા છો જે આપના અને અમારા માટે ગર્વની વાત છે. આપશ્રી આપના અભ્યાસક્રમ, ડીપાર્ટમેન્ટ અને કોલેજને લગતા નીચેના પ્રશ્નોના પ્રતિભાવો આપશો. આપના પ્રતિભાવો અમારા માટે મુલ્યવાન છે.

Please give your overall academic assessment of curriculum aspects and rate us on the following criteria:

Excellent(5), Very Good(4), Good(3), Average(2), Needs improvement(1)

ઉત્તમ (5), ઘણું સારું (4), સારું (3), સરેરાશ (2), સુધારાને અવકાશ(1)

| Sr. | Questions | 5 | 4 | 3 | 2 | 1 |
|-----|---|---|---|---|---|---|
| | I - CURRICULUM DESIGN | | | | | |
| 1. | How do you rate the syllabus of the courses that you have studied in relation to the competencies expected out of the course? વર્તમાન ડીગ્રીનો અભ્યાસક્રમ કેટલા અંશે અપેક્ષિત સ્પર્ધાત્મકતા અનુરૂપ છે? | | | | | |
| 2. | How do you rate the relevance of the units in Syllabus relevant to the course? વર્તમાન અભ્યાસક્રમના યુનિટ્સ/પ્રકરણો નું મહત્વ કેવું લાગ્યું? | | | | | |
| 3. | How do you rate the sequence of the units in the course વર્તમાન અભ્યાસક્રમના યુનિટ્સ/પ્રકરણો નો ક્રમ કેવો લાગ્યો? | | | | | |
| 4. | How do you rate the allocation of the credits to the courses? અભ્યાસક્રમને આપેલ ક્રેડીટ ગુણની વહેંચણી આપણે મતે કેવી છે? | | | | | |
| 5. | How do you rate the offering of the electives in terms of their relevance to the specialization streams? આપને મતે ઉપલબ્ધ ગૌણ વિષયોનું મહત્વ મુખ્ય વિષયના સંદર્ભમાં કેટલું છે? | | | | | |
| 6. | How do you rate the electives offered in relation to the Technological advancements? આપને મતે ઉપલબ્ધ ગૌણ વિષયોનું મહત્વ તકનીકી વિકાસના સંદર્ભમાં કેટલું છે? | | | | | |
| 7. | How do you rate the relevance of the Text Books and reference books by their International recognition to the Courses? આપને મતે ઉપલબ્ધ વિષય પુસ્તકો અને સંદર્ભ પુસ્તકોનું મહત્વ આંતરરાષ્ટ્રીય સ્તરે અભ્યાસક્રમ માટે કેટલું છે? | | | | | |

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| 8. | Rate the Size of syllabus in terms of the load on the student વિદ્યાર્થી પર પડતા અભ્યાસ ભાર નાં સંદર્ભમાં તમે અભ્યાસક્રમના કદને કેવો મૂલવશો? | | | | | |
| 9. | How do you Rate the loading of the courses in a semester? અભ્યાસક્રમના કદને સેમેસ્ટરના સંદર્ભમાં કેવો ગણશો? | | | | | |
| 10. | How do you rate the evaluation scheme designed for each of the course? પ્રત્યેક અભ્યાસક્રમને માટે બનાવવામાં આવેલ મૂલ્યાંકન પદ્ધતિને તમે કેવી આંકશો? | | | | | |
| 11. | How do you rate competencies expected out of the course? આપના મતે અભ્યાસક્રમની સ્પર્ધાત્મક ક્ષમતાને કેવી આંકશો? | | | | | |
| 12. | How do you rate the percentage of courses having LAB components? પ્રયોગશાળા આધારિત અભ્યાસક્રમોની ઉપલબ્ધતા ને આપ કેવી ગણશો? | | | | | |
| 13. | Is the syllabus practically useful? શું ઉપરોક્ત અભ્યાસક્રમ પ્રાયોગિક દ્રષ્ટીએ ઉપયોગી છે? | | | | | |
| 14. | Are you satisfy with the infrastructure facilities namely library, laboratory, canteen, medical Centers play ground and other campus facilities? શું આપ ઉપલબ્ધ માળખાકીય સુવિધાઓ જેવીકે લાઈબ્રેરી, લેબોરેટરી, કેન્ટીન, આરોગ્ય કેન્દ્ર અને બીજી કેમ્પસ સુવિધાઓ થી સંતુષ્ટ છો? | | | | | |
| 15. | Does the syllabus is up to date? શું ઉપલબ્ધ અભ્યાસક્રમ વર્તમાન જરૂરીયાતો ને અનુરૂપ છે? | | | | | |
| 16. | Whether the syllabus was helpful for developing soft skills? શું આ અભ્યાસક્રમ કૌશલ્ય વર્ધક છે? | | | | | |
| 17. | Syllabus is need based. શું આ અભ્યાસક્રમ જરૂરીયાત મુજબનો છે? | | | | | |
| 18. | The course /syllabus has good balance between theory and application શું આ અભ્યાસક્રમમાં સૈધ્ધાંતિક અને પ્રયોગીત સંતુલન યોગ્ય છે? | | | | | |
| 19. | Does the syllabus address to cross cutting issues such as environment, gender and human rights? શું વર્તમાન અભ્યાસક્રમ પ્રવર્તમાન સમસ્યાઓ જેવી કે પ્રવાવરણ, જાતિગત અને માનવાધિકાર ના મુદ્દાઓને સ્પર્શે છે? | | | | | |
| 20. | Aims and objectives of the syllabi are well defined and clear to teachers and students. શું અભ્યાસક્રમના ધ્યેય અને ઉદ્દેશો શિક્ષકો અને વિદ્યાર્થીઓને યોગ્ય રીતે સ્પષ્ટ કરેલ છે? | | | | | |
| 21. | Sufficient number of prescribed books is available in the Library. શું પુરતા પ્રમાણમાં અભ્યાસક્રમને લગતા પુસ્તકો લાઈબ્રેરીમાં ઉપલબ્ધ છે? | | | | | |
| II – RESEARCH | | | | | | |
| 22. | The College provides adequate funding and support to faculty members for upgrading their skills and qualifications. | | | | | |

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| | શું કોલેજ અધ્યાપકોને પુરતા પ્રમાણમાં આર્થિક સહાય અને સહકાર આપે છે તેમના કૌશલ્યો અને લાયકાતોને વધારવા માટે? | | | | | |
| 23. | The library is managed effectively /વાંચનાલયની વ્યવસ્થા અસરકારક રીતે જળવાય છે. | | | | | |
| 24. | The timings of the library are convenient /વાંચનાલયનો સમય પણ અનુકૂળ છે. | | | | | |
| 25. | The procedure followed for accessing & issuing new books & journals is appropriate/ નવા પુસ્તકો મેળવવા અને નોંધાવવાની વ્યવસ્થા પણ યોગ્ય છે. | | | | | |
| 26. | The teaching aids in the department are sufficient and up to date / દરેક વિષય વિભાગમાં શૈક્ષણિક સાધનો પુરતા પ્રમાણમાં અને અદ્યતન છે. | | | | | |
| 27. | The teachers are encouraged to organize seminars/workshops/symposia/conferences અધ્યાપકોને સેમીનાર/કાર્યશાળા/પરિસંવાદ/પરિષદો યોજવા પ્રાત્સાહિત કરવામાં આવે છે. | | | | | |
| 28. | The teachers are encouraged to participate in seminars/workshops/conferences અધ્યાપકોને સેમીનાર/કાર્યશાળા/પરિસંવાદ/પરિષદોમાં ભાગ લેવા પ્રાત્સાહિત કરવામાં આવે છે. | | | | | |
| 29. | The teachers are encouraged to establish linkage with Industry / અધ્યાપકોને ઉદ્યોગિક ક્ષેત્રે જોડાણ સ્થાપવા પ્રાત્સાહિત કરવામાં આવે છે. | | | | | |
| 30. | The teachers are encouraged to undertake extension service programs / અધ્યાપકોને શૈક્ષણિક વિસ્તરણ કાર્યક્રમો માટે પ્રાત્સાહિત કરવામાં આવે છે. | | | | | |
| | The teachers are encouraged to take-up consultancy services / અધ્યાપકોને સલાહકાર પ્રવૃત્તિઓ માટે પ્રાત્સાહિત કરવામાં આવે છે. | | | | | |
| 31. | The merit of the teachers is recognized / અધ્યાપકોની ગુણવત્તા ને યોગ્ય રીતે પારખવામાં આવે છે. | | | | | |
| 32. | Provisions for professional development are non-discriminatory and fair. વ્યાવસાયિક વિકાસ માટેની જોગવાઈઓ ભેદભાવ રહિત અને ન્યાતિક છે? | | | | | |
| 33. | The environment in the department is conducive to teaching and research આપના ડીપાર્ટમેન્ટનું વાતાવરણ શિક્ષણ અને સંશોધન અનુકૂળ છે? | | | | | |
| 34. | Are you willing to contribute to the development of the college? શું આપ કોલેજના વિકાસમાં પ્રદાન કરવા માંગો છો? (મહેરબાની કરી ટીક કરો) (Please Tick) 1. Academic 2. Placement 3. Expert Services 4. Financial 5. All of these ૧.શૈક્ષણિક ૨. વિદ્યાર્થીઓને નોકરીની તક ૩. વિશેષજ્ઞ તરીકે સેવા ૪.આર્થિક ૫. આ બધામાં | | | | | |
| III - INFRASTRUCTURE | | | | | | |
| 35. | The class rooms and the furniture available are adequate / વર્ગખંડો અને ફર્નીચર પૂરતા પ્રમાણમાં છે. | | | | | |
| 36. | The toilets are sufficient for faculty and students / અધ્યાપકો અને વિદ્યાર્થીઓ માટે ની શૌચાલય વ્યવસ્થા પુરતી છે. | | | | | |
| 37. | The buildings and furniture are well maintained / સંસ્થાના મકાન અને ફર્નીચરની જાળવણી યોગ્ય રીતે થાય છે. | | | | | |
| 38. | The class rooms and the furniture available are adequate / વર્ગખંડો અને ફર્નીચર પૂરતા પ્રમાણમાં છે. | | | | | |

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| 39. | Parking facilities are available adequately / વાહનોની પાર્કિંગ વ્યવસ્થા યોગ્ય રીતે ઉપલબ્ધ છે. | | | | | |
| 40. | Roads are maintained well / શૈક્ષણિક સંસ્થાનમાં રસ્તાઓની જાળવણી યોગ્ય રીતે થાય છે. | | | | | |
| 41. | Safe drinking water is available / શુદ્ધ પીવાનું પાણી ઉપલબ્ધ છે. | | | | | |
| 42. | Sports infrastructure is adequate / રમતગમત સંકુલ યોગ્ય અને પુરતું છે. | | | | | |
| IV - GOVERNANCE | | | | | | |
| | The administration is sincerely putting efforts for the development of the institute / કોલેજ સંચાલક મંડળ સંસ્થાના વિકાસ માટે ગંભીરતાપૂર્વક પ્રયત્નશીલ છે. | | | | | |
| 43. | The administration is accessible / કોલેજ સંચાલક મંડળ સરળ રીતે પ્રાપ્ય છે. | | | | | |
| 44. | The quality initiatives taken up during the last academic year are contributing for improvement / છેલ્લા વર્ષમાં લેવાયેલા ગુણવત્તા સુધારણાના પગલાં ખરેખર યોગ્ય દિશામાં છે. | | | | | |
| 45. | The MoUs entered by the college enhance the scope for mutual cooperation with institutes and Research Organizations of repute / કોલેજ દ્વારા સ્થાપવામાં આવેલી ઔદ્યોગિક અને સશોધકીય સંસ્થાઓ સાથેની સમજૂતી એ પરસ્પર સહકારથી થતી પ્રવૃત્તિઓને વેગ આપ્યો છે. | | | | | |
| 46. | The faculty are given freedom to express their opinions / અધ્યાપકોને પોતાનો મત / અભિપ્રાય પ્રગટ કરવાની સ્વતંત્રતા છે. | | | | | |
| 47. | The IQAC is working well for promoting quality in the institute / સંસ્થાના ગુણવત્તાકીય વિકાસમાં આંતરિક ગુણ સુધારણા સમિતિનો વિશેષ યોગદાન છે. | | | | | |
| 48. | The college is providing adequate opportunities and support to the faculty and their family members. આ કોલેજ દ્વારા સંસ્થાના કર્મચારીઓ અને તેમના પરિવારના સભ્યોને યોગ્ય તકો અને સહકાર આપવામાં આવે છે. | | | | | |



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AAA Rank 1– Awarded by Govt. of Gujarat

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|----------------------|--|--------------|--|
| Name of the Employer | | Position | |
| Company/Institute | | Mail Address | |

EMPLOYER FEEDBACK

નિયુક્તા દ્વારા મૂલ્યાંકન

Dear Employer,

Many graduates of our College are already working in your organization. We are thankful to you for providing them employment with your prestigious Company/Institute.

We shall very much appreciate and be grateful to you if you can spare some of your valuable time to fill up this Feedback Form. It will help us to improve the Institute further and give you better employees in future.

Tick ✓ the number that best describes your level of satisfaction:

પ્રિય નિયુક્તા,

આપશ્રીએ આપની સંસ્થા/કંપનીમાં અમારા ઘણા સ્નાતકો/અનુસ્નાતકોને કામની તક આપી છે. આપની પ્રતિષ્ઠિત સંસ્થા/કંપનીમાં તેમને રોજગારની અદભૂત તક આપવા બદલ અમે આપના આભારી છીએ.

આપ આપનો કીમતી સમય ફાળવીને આ મૂલ્યાંકન પત્ર ભરીને અમને આપશ્રીના ખુબ આભારી કરશોજી. આ મૂલ્યાંકન અમને ઉપયોગી થશે સંસ્થામાંથી ભવિષ્યમાં વધુ સારા કર્મચારીઓ આપશ્રી માટે તૈયાર કરવા માટે. યોગ્ય ખાનામાં ✓ કરીને આપશ્રી આપના સંતોષનું સ્તર પ્રગટ કરશોજી. આભાર.

Excellent(5), Very Good(4), Good(3), Average(2), Needs improvement(1)

ઉત્તમ (5), ઘણું સારું (4), સારું (3), સરેરાશ (2), સુધારાને અવકાશ(1)

| Sr. | How satisfied are you with our student/s' work performance in following areas: આપશ્રી અમારા વિદ્યાર્થી/ઓ ની કાર્યદક્ષતાથી કેટલા સંતુષ્ટ છો નીચેના ક્ષેત્રોમાં: | 5 | 4 | 3 | 2 | 1 |
|-----|---|---|---|---|---|---|
| 1. | General Communication skills / સામાન્ય વિચાર-વિનિમય કૌશલ્ય | | | | | |
| 2. | Developing practical solutions to work place problems કાર્ય સંલગ્ન સમસ્યાઓના વ્યવહારુ ઉકેલની ક્ષમતા | | | | | |
| 3. | Working as part of a team / સંસ્થાના ભાગની જેમ કાર્ય કરવાની ક્ષમતા | | | | | |
| 4. | Creative in response to workplace skills કાર્ય સંલગ્ન કૌશલ્યો પ્રતિ સર્જનાત્મક અભિગમ | | | | | |
| 5. | Their planning and organization skills:આયોજન અને વ્યવસ્થાપનની કલા | | | | | |
| 6. | Self-motivated and taking on appropriate level of responsibility સ્વ પ્રેરિત અને યોગ્ય પ્રમાણમાં જવાબદારી લેવાની ક્ષમતા | | | | | |

| | | | | | | |
|-----|--|--|--|--|--|--|
| | | | | | | |
| 7. | Open to new ideas and learning new techniques નવા વિચારો પ્રત્યે ખુલ્લું મન અને નવા કૌશલ્યો શીખવા માટે કટિબદ્ધતા | | | | | |
| 8. | Using technology and workplace equipments આધુનિક તકનીક અને કાર્ય સ્થાને ઉપલબ્ધ સાધનોનો યોગ્ય અને પુરતો ઉપયોગ કરવાની દક્ષતા | | | | | |
| 9. | Ability to contribute to the goal of the organization : સંસ્થાકીય ઉદ્દેશોને પાર પાડવાની કાર્યક્ષમતા | | | | | |
| 10. | Technical knowledge/skill / પુરતું તકનીકી જ્ઞાન અને કૌશલ્ય ક્ષમતા | | | | | |
| 11. | Ability to manage/leadership qualities: વ્યવસ્થાપન ક્ષમતા અને નેતૃત્વના ગુણ | | | | | |
| 12. | Innovativeness, creativity : નવીનીકરણ અને સર્જનાત્મકતા | | | | | |
| 13. | Relationship with seniors/peers/subordinates : વરિષ્ઠ, સાથી તથા હાથ નીચેના કર્મચારીઓ સાથેનો સંબંધ | | | | | |
| 14. | Involvement in social activities: સામાજિક પ્રવૃત્તિઓમાં પ્રવૃત્ત થવાની વૃત્તિ | | | | | |
| 15. | Ability to take up extra responsibility: વધારાની જવાબદારી લેવાની ક્ષમતા | | | | | |
| 16. | Obligation to work beyond schedule if required: વિશેષ પરિસ્થિતિમાં સમયસારણીથી પર થઈને કામ કરવાની તૈયારી | | | | | |
| 17. | Simplicity and sense of belonging : સરળતા, સહજતા અને સંનીષ્ઠતા ની ભાવના | | | | | |
| 18. | Respect for values in life : જીવન ના મૂલ્યો પ્રત્યે આદર ભાવ | | | | | |
| 19. | Would you like to recruit more PSSHDA students? શું આપ આ સંસ્થાના વધુ વિદ્યાર્થીઓને રોજગારની તક આપવાનું પસંદ કરશો? | | | | | |
| 20. | Would you refer us to other Organization(s)? શું આપ આ સંસ્થા માટે અન્ય સંસ્થા(ઓ)ને ભલામણ કરશો? | | | | | |

Annexure : III

**Paper Publications
With Impact Factor & h index**

| Sr. No. | Title | Journal | Year & Volume(No); Page | ISSN No/ Impact factor |
|---|--|--|------------------------------------|---|
| Dr Ajay S Gor h-index: 5 i10: 4 | | | | |
| 1 | Continuous Review Inventory Model Under Fuzzy Environment Without Backorder For Deteriorating Items | International Journal of Applied Research | 2016 2(3): 682-686 | Continuous Review Inventory Model Under Fuzzy Environment Without Backorder For Deteriorating Items |
| Dr. M. C. Patel h-index: 7 i10: 6 | | | | |
| 1 | Reactive Dye Printing on Cotton with Natural and Synthetic Thickeners | <i>Int.Res. J.ofEngg and Tech</i> | 2016 , 3(3): 1418-1420 | 4.45 |
| Dr. P. M. Chatrabhuji h-index: 1 i10: | | | | |
| 1 | Synthesis, characterization and biological evaluation of novel 3-amino-1-(phenyl) benzo [f] quinoline-3-carbonitrile derivatives | International Journal of Chemical Studies. | Vol.-4 Iss-5 p-05-09 2016 | P-ISSN2349–8528 E-ISSN 2321–4902 |
| 2 | Synthesis and biological evaluation of novel 1[(4methyl cinnamoyl) amino]2-phenyl 4 aryl methine 5oxoimidazolines. | International Journal of Chemtech Applications | Vol.- Iss- p-Accepted | 2319-7099 |

| Ram chandra S. Suthar h-index: 2 Citiation: 11 Impact factor: 18.54 | | | | |
|---|---|--|------------------------------|----------------------------|
| 1 | <i>Production of trichothecene mycotoxin by Fusarium equiseti NFCCI-2157 Isolated from vascular wilt of Cumin(cuminum cyminum L.)</i> | <i>Journal of biology And nature</i> | 2016 | 5:2,75-81 |
| 2 | <i>A comparative evaluation of four DNA extraction protocols from whole blood Sample Ghaheri et al</i> | <i>Cell.Mol.Biol.</i> | 2016 | 62(3):119-123 |
| Rajeshri Patel | | | | |
| 1. | Screening of novel ascomycetes for the production of Laccase enzyme using different lignin model compounds | International Journal of Pharma and Bio Sciences | 2016 | Volume 7, Issue 4: 452-458 |
| Ashwin V. Patel | | | | |
| | A Mathematical Model For Fingero- Imbibition Phenomenon In a Cracked Porous Media With Magnetic Fluid | IJETES | 2016 Vol.4(4), 233-243 | ISSN 2348-7550 |

Best Practice: I

Micro Soil Testing Project:

The goal is to provide Micro soil of lands of farmers nearby Kadi town. The project under-taken by the college with direct involvement of students is intended to inform farmers regarding the health of land and the crops that will be suitable for the land. We take samples of soil and analyze it in the college laboratory to identify important soil elements (Nitrogen, Potassium and Phosphorous) present in soil and the conductance & pH of soil. A farmer with such a micro soil testing can identify which crop he should consider and how much fertilizer his land will require.

1. The Context

The Soil Health Card scheme launched by the Gujarat government to increase the agricultural productivity and crop quality is proving to be a major hit with 1.8 lakhs farmers of the state already registering for it. The practice adopted by the government would prove helpful to the farmers as well as the students.

2. Goal:

The soil health card would benefit 37 lakh farmers in the state and help them in taking major decisions about the crop and fertilizers suitable for their land.

- To increase agricultural productivity, it becomes highly necessary for a farmer to know the soil elements of his farm before farming. The fertility and productivity depend upon inherent soil elements. If the farmer comes to know the proportion of important soil elements (Nitrogen, Potassium and Phosphorous) present in soil and the conductance & pH of soil, he can identify which crop to consider and how much fertilizer the land will require. Such knowledge will lead the farmer to a large productivity of crops with optimal use of fertilizer. With a view to make the farmer aware of above mentioned facts, the Government authorities of Gujarat have stirred an ambitious project to provide a **Micro Soil Testing Report** to each farmer of all over Gujarat.

1. The Practice

- For this prolonged mission of Agricultural Development and for the programme of providing Soil Health Card to each farmer, the authorities of the State Government employed Gram Sevaks and some local agencies to collect soil samples.
- On scientific basis, these collected samples were labelled and sent to our laboratory for testing.
- The authorities of the State Government allotted the grant of Rs. 80/- per sample. This grant was useful to purchase necessary equipments and chemicals. This task was performed with the help of the staff and students.
- The collected samples were labelled and their elements: Nitrogen, Phosphorus, Potassium, etc., were tested and analyzed. The pH and Conductance of the soil samples are also measured.

Mineral nutrients are divided into two types: macronutrients and micronutrients. Macronutrients are further divided into primary and secondary. Primary nutrients are used in large quantities by

plants and they include nitrogen, phosphorus and potassium. Secondary nutrients include calcium, magnesium and sulphur. Micronutrients are needed in very small amounts and they include boron, copper, iron, manganese and zinc. Having the right amount of nutrients is essential for normal plant growth and reproduction. As nutrient ions are removed from soil solution by plant absorption they are replenished from several sources. Seldom is the rate of renewal for all essential elements from untreated soil fast enough to achieve maximum crop production. To augment this removal, fertilizers are usually applied. Soil pH is one of the most important soil properties that affect the availability of nutrients and hence it was also measured. In general macronutrients tend to be less available in soils with low pH while micronutrients tend to be less available in soils with high pH. In this study, seven nutrients were analyzed. The four macronutrients analyzed include potassium, calcium nitrates and phosphates and three micronutrients zinc, iron and copper.

II. Role of Nutrients

To Plants Macronutrients Potassium have a number of structural functions in plants and animals. It keeps the cell cytoplasm levels relatively constant, assists in protein synthesis and energy metabolism. Potassium is absorbed by plants in larger amounts than any other mineral element except nitrogen and in some cases calcium. Calcium which is an essential part of plant cell wall structure provides for normal transport and retention of other elements as well as the strength in the plant. It also counteracts the effects of alkali salts and organic acids within a plant. Phosphorous occurs in soil almost entirely as phosphates (PO_4^{3-}) and resembles nitrogen in that both inorganic and organic forms are of major significance in agricultural soil. Agricultural soils usually cannot meet demand for phosphate and application of fertilizer is essential. Phosphorus is an essential part of the process of photosynthesis. It is involved in the formation of all oils, sugars and starches. It helps with the transformation of solar energy into chemical energy; proper plant maturation; withstanding stress, affects rapid growth and encourages blooming and root growth. Nitrogen in the inorganic form of (NO_3^-) is important because it is the one utilized by plants. Crop demand for this nutrient is high thus the need to apply fertilizer. Nitrogen is a part of all living cells and is a necessary part of all proteins, enzymes and metabolic processes involved in the synthesis and transfer of energy. Nitrogen is a part of chlorophyll, the green pigment of the plant that is responsible for photosynthesis. It assists plants with rapid growth, increasing seed and fruit production and improving the quality of leaf and forage crops.

Macronutrients are essential to plant growth but utilized in trace quantities. Their major role is as activators in numerous enzyme systems. Micronutrients are toxic when they are in very high levels thus they become a threat to human and animals life and cause stunted growth and poor yield in plants³. Copper is an essential micronutrient for plants and animals. It is involved in many enzyme systems of plants and animals. Iron is an essential minor nutrient for plants and animals. It is involved in chlorophyll synthesis in chloroplast. Zinc is essential for the transformation of carbohydrates. It regulates consumption of sugars. It is part of the enzyme systems which regulate plant growth.

Soil health Card Programme 2010-2016

| Sr. No. | Year | Grant | Samples Analysed |
|--------------------|---------|--------------------|------------------------------|
| 1 | 2010-11 | 8,00,000/- | 10000 |
| 2 | 2011-12 | 3,70,080/- | 6167 |
| 3 | 2012-13 | 5,77,560/- | 9168 |
| 4 | 2014-15 | 13,16,060/- | 10899 |
| 5 | 2015-16 | 11,26,425/- | 9795 |
| 6 | 2016-17 | 26,52,978/- | 11,194 |
| 7 | 2016-17 | | |
| Total Grant | | 68,43,103/- | Total Samples: 57,223 |

The samples were analyzed for different physicochemical tests including pH, Carbon content, Potassium, E.C and Phosphorous. Based on these data a health card is generated.

- Macro Soil Testing project is being carried out by students of B.Sc. and M.Sc. In this program, students get remuneration as well as certificate from the government. Students get exposure and hands-on training for using different equipments for soil analysis.

5. Evidence of Success

- The college has been recognized as a Soil Testing Laboratory from Govt. of Gujarat. We tested the soil of our Goushala (Cowshed) Farm where we have planted Wheat. After soil analysis we came to know that the soil contains high Potassium and moderate Nitrogen and Phosphorus. So, according to the Soil Health Card we recommended to our farmers to avoid the use of potash fertilizer in the farm for Wheat crop. After following our instruction, Gaushala (Cowshed) farmers found an increase in the yield of wheat as compared with previous years. Apart from this, it reduced the wastage of fertilizer and helped in limited use of Nitrogen and Phosphorus fertilizer. We also gave instruction to use organic compost which helps in balancing the mineral elements essential for plant growth.

Conclusion:

- As per the soil analysis report, we reduced the use of chemical fertilizer cost by 21.34% per hectare which resulted in a 15.38% increase in the production and 20.12% increase in the net Income from the wheat crop sown /hectare in the Gaushala farm (Cow-house).

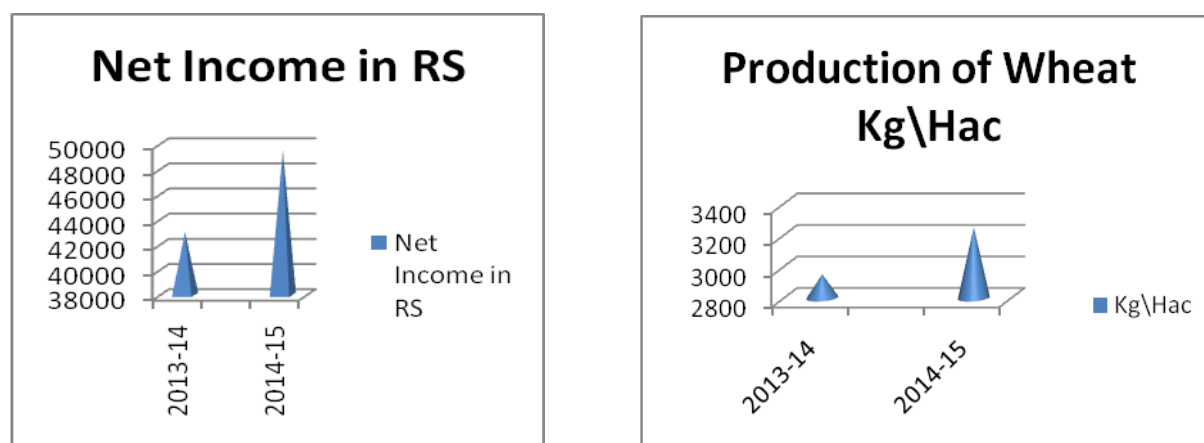


Figure 1 Net Income and Production of Wheat

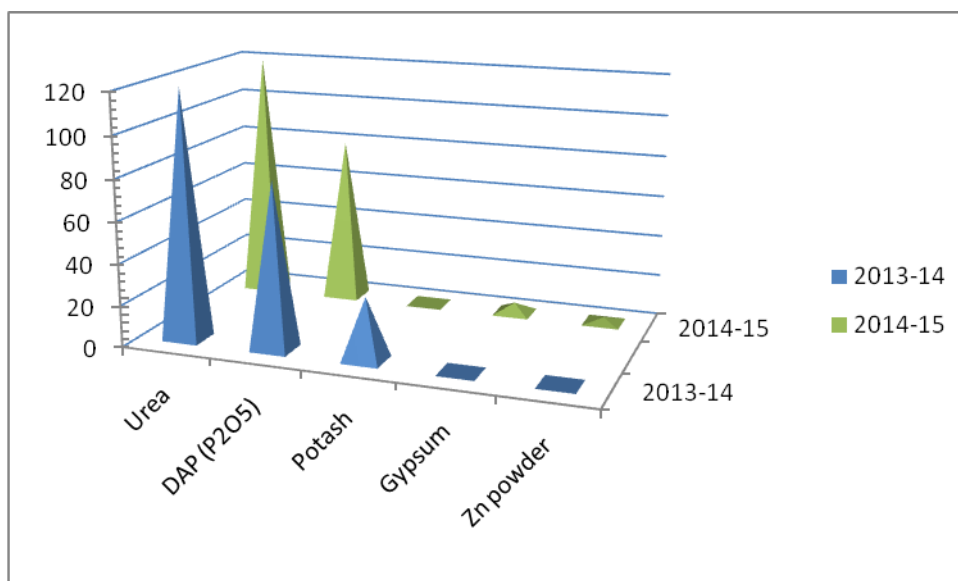


Figure 2 Fertilizer Used for Wheat Production

2. Best Practice:

Working with Industry Program

Kadi : The Hub of Industries:

Opportunities

- **Textile Sector:**

- Kadi is known as Asia's largest hub for Cotton & Oil industries.
- Around 300 Cotton & Oil industries within 5 kms radius.
- Gujarat producing 35% cotton of the national average product.
- Kadi is also the export hub of Cotton-bales as 15% cotton-bales (of the national average) have been exported from Kadi

- **Pharmaceutical Sector :**

- Over last few years, Gujarat's contribution in the growth of India's Pharmaceutical Industry has been significant.
- The state commands 42% share of India's Pharmaceutical turn over and 22% share of exports.
- There are currently approximately 3,500 drug manufacturing units in Guj.
- The major drug manufacturing units, pharma. Industrial, contract research organization in Pharma Industry etc are situated in Ahmedabad-Kadi GIDC corridor.

- **Agriculture Sector :**

- Kadi is a centre of North Gujarat where Farming is a traditional occupation for people.
- Besides traditional farming of cereals and pulses people are doing farming of spices and other crops like tomato, lemon, castor oil seeds.

- **Ceramic Sector :**

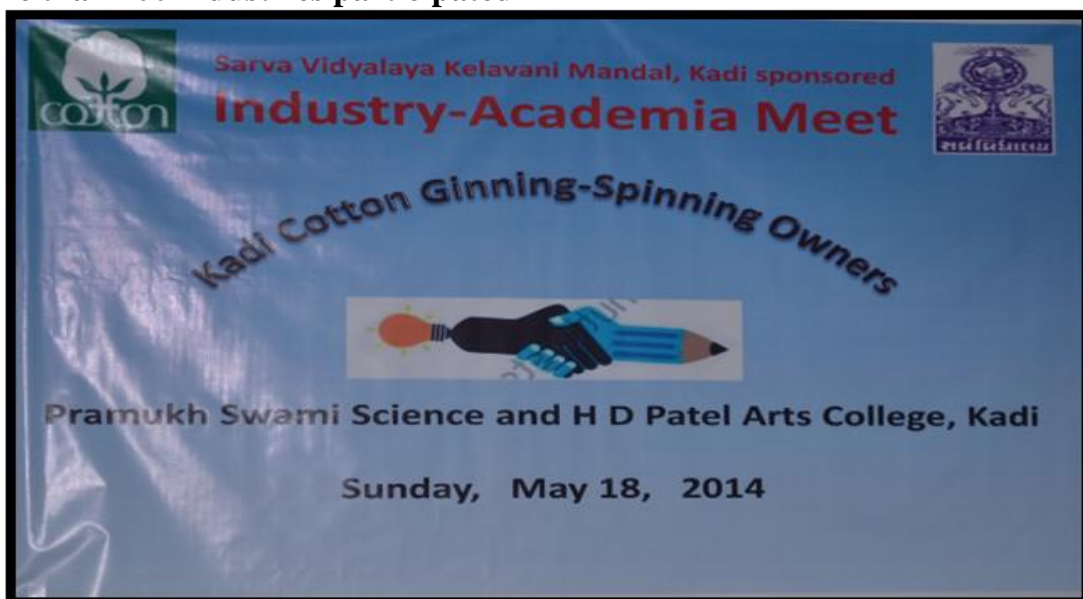
- India is world number 3 in Ceramic industries with production of 750 million sq.mtr. Ceramic products.
- Gujarat is Nation's largest hub for Ceramic industries sharing 70% of national ceramic production.
- There are around 20 ceramic industries around Kadi region including multinational Companies like Cera Sanitary wares Ltd. and Somany Ceramics Ltd. with more than 1000 crores of annual turnover.

- Introduction of B.Voc. in Textile and Ginning Technology
B.Voc. in Pharmaceutical Chemistry
- Introduction of C.C. in Textile and Ginning Technology
C.C. in Agriculture and Soil Sciences
C.C. in Ceramic Technology

• 4 Industry-Academia Meets Organized:

1st : Industry Academia Meet on Textile-Ginning Technology

- More than 100 industries participated



2nd : Industry Academia Meet on Pharmaceutical Chemistry

- More than 70 industries participated



3rd : Industry Academia Meet on Agriculture & Soil Sciences

- More than 35 industries participated





4th : Industry Academia Meet on Ceramic Technology

- More than 32 industries participated



Identification of the “Skill Gap Requirements of the Industries”:

1st :Textile-Ginning Technology

- Operation of ginning industry equipments
- Analysis of cotton raw material
- Finished product analysis
- Electrification of industry
- Repair of equipments
- Maintenance of equipments
- Inspection & testing of machine tools
- Use of latest casting welding technology
- Advanced machine tool designing by CAD & CAM

2nd : Pharmaceutical Chemistry:

- Learning the basic sciences related to Pharmaceutical Chemistry
- Analysis of the marketed drugs qualitatively & quantitatively
- Synthesis of Drug intermediates of Drug-impurities
- Operation of instruments related to Pharmaceutical Industry.
- Method Development & validation
- Good Laboratory Practice & Good Manufacturing practice
- Phytochemistry
- Microbial analysis
- Tablet and capsule machine operator

3rd : Agriculture & Soil Sciences

- Use of latest agri. Technology
- Application of Micro irrigation techniques & maintenance
- Lack of interest towards traditional farming
- Lack of Knowledge of advance agro. Technologies
- Soil analysis, conservation & utilization for business in agri. Sector
- Tissue Cultured Farming Technologies
- Organic Farming & Cash crops production.
- Hands-on practices for operation of latest farm machinery & its maintenance
- Lack of expertise for food processing techniques.

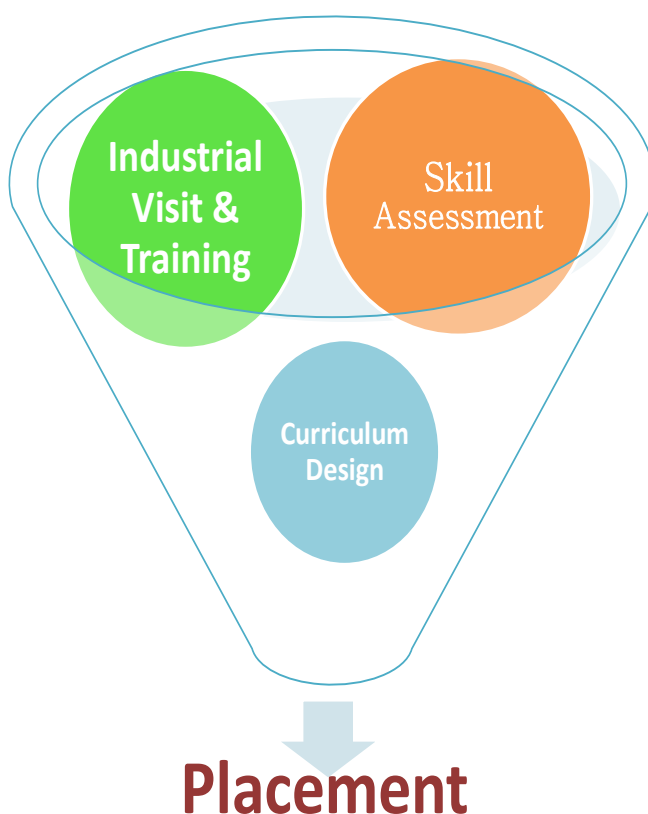
4th : Ceramic Technology

- Know-how of the raw materials & finished products.
- Forming & finishing ceramic products
- Drying & Glazing process
- Casting
- Moulds making

Strong Industrial Linkage

- Strong industrial linkages with more than 44 industries for skill based programs.....
- 16 Cotton-ginning & spinning industries
- 11 pharmaceutical industries
- 8 agriculture industries
- 4 ceramic industries

Role of Industry



Students' Enrichment Programs:

Industrial Visits and Trainings & Industrial Experts' Lectures:

1. Textile and Ginning Technology Program:

As an expert:

| Sr.No | Role of Industrial Representative (Theory) | | | |
|-------|--|---------------------------------|----------------------------------|--|
| | Name of Industry | Name of Industry Representative | Designation | Lecture /Practical Title |
| 1 | L.D. College Of Engineering | Prof. A. I. Thakkar | HOD (Textile Technology) | Physical Testing Laboratory |
| 2 | VivekanandCotspin LLP | Mr. Nayan Nayi | HR Head | Personality Development |
| 3 | Pashupati Cotspin LLP | Mr. G. G. Patel | QC Head | Parameters affecting Yarn C.V. % and Yarn Imperfections and Hank |
| 4 | Ambika Cotseeds Ltd. | Mr. Darshan Patel | Export Manager | Export Quality Criteria for Cotton Bales |
| 5 | Vivekanand Cotspin LLP | Mr. Bharat Thakar | Production & Maintenance Manager | Spinning Production Planning and Calculation |
| 6 | Vivekanand Industries | Mr. Nirav B. Patel | Head (Export Division) | Yarn Export Market Quality Parameters |
| 7 | Arvind LTD | Mr. Binkal Patel | Head Team lease program | Skill Development for Spinning |
| 8 | Vivekanand Industries | Mr. Gautam B. Patel | Maintenance Head | Ginning Maintenance |

Industrial Training:

49 students have taken industrial training during the first year of their study. During industrial training , students have learned skills of testing of cotton properties, cleaning efficiency of blow room and carding, Neps reduction at carding, short fibre removal % at combing in spinning, waste level at blow room and carding and Testing of yarn properties.

| Bachelor of Vocation | | | | | |
|----------------------|--------------------------------------|-------------------------------------|-----------------|---|--|
| Sr. No. | Name Of Student | Industry where training carried out | Duration | Objective | Industry Guide |
| 1 | Patel Jaydipchandra Bharatbhai | Vaibhavlaxmi Spinning Mills Limited | September, 2016 | Operational training at all types of Spinning Machineries | Mr. Bharat Patel (H.R. Head) Mr. Niranjan Patel (Partner) |
| 2 | Patel Niravkumar Pankajbhai | | | | |
| 3 | Raval Maheshbhai Kalabhai | | | | |
| 4 | Sathavara Himanshukumar Dashrathbhai | | | | |
| 5 | Solanki Mahobatsinh Bharatsinh | | | | |
| 6 | Thakor Chamanji Babuji | | | | |
| 7 | Thakor Sanjaykumar Babuji | | | | |
| 8 | Yogi Vipulkumar Shaileshbhai | | | | |
| 9 | Parmar Rahulsinh Bhikhusinh | Vivekanand Cotspin LLP | June, 2016 | Erection of Spinning Machinery | Mr. Ashish Chkrobrty (GM-Spinning Plant) |
| 10 | Jadav Vipulbhai Natubhai | | | | |
| 11 | Patel Jaykumar Maheshbhai | | | | |
| 12 | Prajapati Ketan Jayantibhai | | | | |
| 13 | Thakor Nareshji Natuji | | | | |
| 14 | Raval Jayeshbhai Babubhai | | | | |

| Community college | | | | | |
|-------------------|-------------------------------------|-------------------------------------|-----------------|---|--|
| Sr. No. | Name of Student | Industry where training carried out | Duration | Objective | Industry Guide |
| 1 | Chavada Jayeshkumar Talshibhai | Vivekanand Cotspin LLP | June, 2016 | Erection of Spinning Machinery | Mr. Ashish Chakraborty |
| 2 | Patel Dhavalkumar Kiritbhai | | | | |
| 3 | Patel Shahilkumar Rasikbhai | | | | |
| 4 | Patel Vishalkumar Pankajbhai | | | | |
| 5 | Chauhan Bhagavatikumar Amratlal | | | | |
| 6 | Patel Bhaveshkumar Ratilal | | | | |
| 7 | Patel Jayantibhai Kanubhai | | | | |
| 8 | Patel Jaykumar Kanubhai | | | | |
| 9 | Patel Shrutkumar Manishbhai | | | | |
| 10 | Prajapati Manthankumar Narendrabhai | | | | |
| 11 | Raval Rohitkumar Rameshbhai | | | | |
| 12 | Suthar Maulik Chandrakantbhai | | | | |
| 13 | Thakor Alpeshbhai Shivaji | Vaibhavlaxmi Spinning Mills Limited | September, 2016 | Operational training at all types of Spinning Machineries | Mr. Bharat Patel (H.R. Head) Mr. Niranjan Patel (Partner) |
| 14 | Thakor Kishanji Pravinji | | | | |
| 15 | Thakor Nayanji Shakaraji | | | | |
| 16 | Thakor Shivaji Kadavaji | | | | |
| 20 | Patel Upendrakumar Anilbhai | | | | |
| 21 | Patel Vishalkumar Pankajbhai | | | | |
| 22 | Nayee Vishalkumar Amrutbhai | | | | |

❖ Pharmaceutical Chemistry:

As an expert:

| Sr. No. | Name of Industry | Name of Expert | Designation | Topic Covered |
|---------|--|------------------------|------------------------|--|
| 1 | Corel Pharmachem Pvt. Ltd., Kadi | Mr. S.G. Prajapati | General Manager, Plant | Laboratory Safety Hazards |
| 2 | | Mr. Parishrut P. Patel | Manager, Production | Batch Manufacturing Report |
| 3 | | Mr. Tapan S. Patel | Manager, QC/QA | Standardization of Chemicals |
| 4 | | Mr. Arvind G. Patel | Production Incharge | Different Pharmaceutical Buffers |
| 5 | Kayvee Aeropharma Pvt. Ltd., Kadi | Mr. Bhuvan Shah | Director | Good Manufacturing Practice |
| 6 | | Mr. Chetan N. Shukla | Manager, Production | Production Batch Planning |
| 7 | | Mr. Bipin J. Patel | Production Incharge | Dispatch & Packing of product |
| 8 | | Mr. Jigrish B. Bhatt | Manager, QC | Different Concentration of Solutions |
| 9 | Amneal Pharmaceuticals Pvt. Ltd., Ahmedabad | Mr. Paresh Trivedi | Assistant Manager, ARL | Analytical Weighing Balance Calibration |
| 10 | Torrent Pharmaceuticals Pvt. Ltd., Chhatral | Mr. Mihir Jani | Sr. Executive, QC | pH Meter Calibration |

Industrial Training:

Industrial Training: 20 students have taken training during their first year study. During the training, students have learned skills of Laboratory Safety & Hazards, Standardization of Chemicals, and Calibration of Analytical Weighing Balance and also learned working in the Production unit & QC Laboratory of the Industry.

Industrial Visits of Pharmaceutical Chemistry students:

| Sr. No. | Name of Industry | Total No. of Visit | Technical Aspects of Visit |
|---------|-------------------------------------|--------------------|--|
| 1 | Corel Pharma Chem, Kadi | 3 | Production and QA ,QC Work |
| 2 | Kayvee aeropharm Pvt.Ltd., Kadi | 1 | Production and QA ,QC Work |
| 3 | Gayatri Pharma, Ahmedabad | 1 | Ayurvedik formulation and testing |
| 4 | Tuton Pharmaceuticals, Ahmedabad | 1 | Production of all the dosage form and instrument used for analysis |
| 5 | Zydus cadila health care, Ahmedabad | 1 | Production of all the dosage form and instrument used for analysis and documentation in industry |
| 6 | Abaris health care, Rajpur, kadi | 1 | Production of LVP and QC TESTING |

Industrial Trainings of Pharmaceutical Chemistry students:

| Sr. No. | Name of Industry | Total No. of Days | Technical Aspects of Training | No. of Students benefitted |
|----------------|----------------------------------|--------------------------|--------------------------------------|-----------------------------------|
| 1 | Corel Pharma Chem, Kadi | 11 | Practical purpose | 11 |
| | | 3 | HPLC,GC Instrument operation | 21 |
| 2 | Kayvee Aeropharm Pvt. Ltd., Kadi | 11 | Practical purpose | 11 |

❖ Agriculture and Soil Sciences**As an expert:**

| Sr. No | Name | Designation | Institute/ Academy | Area of Topic | Date | No. of Hours |
|---------------|---------------------|-------------------------|----------------------------------|-------------------------------|-------------|---------------------|
| 1 | Dr. B. K Davda | Ass. Research Scientist | NAU | Plant Breeding | 18/12/2017 | 2 |
| 2 | Dr N.R Patel | Technical officer | Jagudan Spices Research Sttation | Plant Pathology | 18/12/2017 | 2 |
| 3 | Dr. Anand Bhadalkar | Sector specialist | GSBTM | Biotechnology and Agriculture | 18/12/2017 | |

| | | | | | | |
|----|----------------------|----------------------------------|---|-----------------------------------|------------|---|
| 4 | Dr. S. A Bhatt | Head of Life Science | HNGU | Agriculture and Soil Microbiology | 18/12/2017 | 2 |
| 5 | Dr. Sharad Soni | Senior Scientist | KVK | Agriculture | 18/12/2017 | 2 |
| 6 | Dr. Ujjval Trivedi | Associate Professor. | Department of Biosciences, S.P University | Soil Microbiology | 18/12/2017 | 2 |
| 7 | Dr. A.U Amin | Head and Ass. Research Scientist | Jagudan Spices Research Sttation | Agronomy | 18/12/2017 | 2 |
| 8 | Dr. Piyush Vyas | Assistant Professor. | HNGU | Agricultural chemistry | 18/12/2017 | |
| 9 | Dr. Viral Patel | Assistant Professor. | Nootan Sciene College | Agriculture Biotechnology | 18/12/2017 | 2 |
| 10 | Dr. S.R Dave | Department of Life Science | Gujarat University | Agricultural microbiology | 18/12/2017 | 2 |
| 11 | Dr. Vipul Chaturvedi | M.D | Innovative Ecocare Pvt LtD | Certified Organic Farming product | 18/12/2017 | 2 |

Industrial Training: 17 students have taken training during their first year study. During the training, students have learned skills for Basics of seed technology, its breeding and marketing, organic farming and Plant tissue culture technique.

| No. | Name of Industry | Name of students | No of days of training | LEARNING OUTCOME |
|-----|-----------------------------|---|------------------------|-------------------------------------|
| 1 | SANDVIK | Patel Hiren(IV) Patel Meet (IV) | 60 DAYS | PLANTATION OF CROPSFOR BLACK FOREST |
| 2 | PSSHDA MICRONUTRIENT LAB | Patel Hiren(IV) Patel Meet (IV) Patel Dushyant (IV) | 30 DAYS | SOIL TESTING |

Industrial VISITS of Agriculture & Soil Sciences students:

| Visit details 2016-2017 | | | | |
|--------------------------------|---|---|--------------------|--|
| Sr No. | Date of visit | Place of Visit | Attendees | Learning Outcome |
| 1 | 8th & 9th September 2016 | VISIT AT JAGUDAN SPICES RESEARCH STATION | 50 students | PLANT PATHOLOGY AND SEED SPICES RESEARCH |
| 2 | 5/10/2016 | VISIT AT SANSOLI SEED RESEARCH STATION | 50 students | Seed production technology |
| 3 | 22/2/2017 | BIOGENE AGRITECH | 27 STUDENTS | HYBRID SEED PRODUCTION |
| 4 | 22/2/2017 | BALTARU NURSERY | 27 STUDENTS | APPLIED HORTICULTURE |
| 5 | 28/2/2017 | DANTIWADA AGRICULTURE UNIVERSITY | 28 STUDENTS | ENTOMOLOGY, DRY FARMING , SOIL SCIECNCE AND ORGANIC FARMING |

Ceramic Technology

Expert lecture in Ceramic Technology department:

| | | | |
|----------------------|------------|--|----|
| Mr. Jainil Patel | 13/9/2016 | Importance of the glaze for ceramic product | 28 |
| Mr. Maulik Patel | 20/9/2016 | Atomization in ceramic industries | 25 |
| Mr. Sandeep Shing | 27/9/2016 | Raw Material and production in ceramic industries | 26 |
| Mr. Sanjay Prajapati | 16/11/2016 | Teach Do/Don't In slip/ mill house Department | 28 |
| Mr. Kiran Patel | 23/11/2016 | Introduction about advanced thermal ceramic product | 28 |
| Mr. Mithilesh Jhan | 23/12/2016 | Communication skill and Personality development | 28 |
| Mr. Sanjeevi | 23/12/2016 | Brief history of ceramic industry (Murugappa morgan thermal ceramic limited) | 28 |

Industrial Visits of Ceramic Technology students:

| Sr. No. | Name of Industry | Total No. of Visit | Technical Aspects of Visit |
|----------------|-------------------------|---------------------------|---|
| 1 | CERA Sanitary ware Ltd. | 3 | Raw Material, Research & Development, Slip House & Mill House, Molding and Casting, Green House, Quality Control and ETP (Effluent Treatment Plant) |

Industrial Trainings of Ceramic Technology students:

| Sr. No. | Name of Industry | Total No. of Days | Technical Aspects of Training | No. of Students benefitted |
|---------|-------------------------|-------------------|--------------------------------|----------------------------|
| 1 | CERA Sanitary ware Ltd. | 2 | Research & Development | 29 |
| | | 1 | Raw Material | |
| | | 2 | Slip House & Mill House | |
| | | 2 | Moulding | |
| | | 1 | Casting | |
| | | 2 | Green House | |
| | | 1 | Quality Control | |
| | | 1 | ETP (Effluent Treatment Plant) | |

| Sr. No. | Name of Industry | Total No. of Days | Technical Aspects of Training | No. of Students benefitted |
|---------|-------------------------|-------------------|-------------------------------|----------------------------|
| 1 | CERA Sanitary ware Ltd. | 1 | Research & Development | 29 |
| | | 1 | Raw Material | |
| | | 1 | Slip House & Mill House | |
| | | 1 | Moulding | |

| | | | | |
|--|--|------|--------------------------------|--|
| | | 1 | Casting | |
| | | 4 HR | Quality Control | |
| | | 4 HR | ETP (Effluent Treatment Plant) | |

Industrial Visits of Ceramic Technology students (2016/2017):

| | | | | | |
|--|----|----|-------------------|---|--|
| Cera Sanitaryware Ltd. | 32 | 20 | 28/06/2016 | 4 | Process of sanitary ware production |
| Swastik Cerakon Limited | 32 | 35 | 15/7/2016 | 4 | Process of tiles production |
| Cera Sanitaryware Ltd. | 32 | 26 | 9/8/2016 | 4 | Process of various department of sanitary ware production |
| Somany ceramic limited | 32 | 28 | 23/08/2016 | 4 | Learned process of Raw material, and pressing department. |
| Italiya ceramic pvt. Limited. | 32 | 26 | 5/9/2016 | 4 | Process of tiles production |
| Ajita Ceramic Pvt. Ltd. | 32 | 28 | 10/9/2016 | 4 | Process of tiles production |
| Cera Sanitaryware Ltd. | 32 | 28 | 12/12/2016 | 4 | Learned process of Raw material, casting, moulding departments |
| Murugappa morgan thermal ceramic limited | 32 | 15 | 9/1/2017 | 4 | Learned advanced ceramic product production |
| Murugappa morgan thermal ceramic limited | 32 | 15 | 10/1/2017 | 4 | Learned advanced ceramic product production |
| Somany Ceramic Ltd. | 32 | 25 | 25/2/2017 | 4 | Process of tiles production |
| GMDC Cermic Fair | 32 | 22 | 1/3/2017 | 4 | To know about Advanced technology of ceramic world |

Three Tier Assessments:

- Level 1: Evaluation at Institute level
- Level 2: Evaluation at University level by inviting an industry representative as an examiner
- Level 3: At National level by Sector Skill Council

Evaluation by Industry Representative:

| Textile and Ginning Technology | | | |
|--------------------------------|---------------------------------|------------------------|---|
| Name of Industry | Name of Industry Representative | Designation | Examiner |
| Vivekanand Industries | Mr. Gautam B. Patel | Maintenance Head | Theory Examiner in Seed Cotton Processing |
| Vivekanand Industries | Mr. Nirav B. Patel | Head (Export Division) | Theory Examiner in Ginning Technology-I |
| Pashupati Cotspin LLP | Mr. G. G. Patel | QC Head | Theory Examiner in Spinning Process-II |
| Arvind Limited, Santej | Mr. A. N. Vare | Production Incharge | Theory Examiner in Spinning Process- I, Spinning Machinery- I, Spinning Process- II and Practical Examiner in Spinning Practice (TGT 205) |
| Pharmaceutical Chemistry | | | |
| Name of Industry | Name of Industry Representative | Designation | Examiner |
| Amneal Pharmaceuticals Ltd. | Mr.Paresh Trivedi | Assistant Manager, ARL | Practical Examination |
| Torrent Pharma | Mr. Mihir Jani | Sr. Executive, QC | Practical Examination |
| Agriculture and Soil Sciences | | | |
| Name of Industry | Name of Industry Representative | Designation | Examiner |
| Green Field Biotech | Mr.Vishal Oza | Owner | Practical Examination |
| Chlorophyll Biotech | Mr.Jimmesh Patel | Owner | Practical Examination |

Overall Placement Data (2016-17) :

1. Textile & Ginning Technology : 91.10 %
2. Pharmaceutical Chemistry : 53%
3. Agriculture & Soil Sciences : 60%
4. Ceramic Technology : 100%

- 10% students of Pharmaceutical Chemistry opted start-up
- 30% students from Agriculture & Soil Sciences chose to become an Agripreneur.

Placement:

After completion of study of first year, 14 students have been placed in industries.

| Textile and Ginning Technology | | | | | |
|---------------------------------------|-------------------------------|--|--------------------|--|----------------------|
| Sr. No. | Name of Student Placed | Name of Industry | Designation | Job Role | Salary (p.m.) |
| 1 | Patel Niravkumar Pankajbhai | Vivekanand Industries, Kadi (Community College) | Fitter | Maintenance of Double roller gin | 7000 p. m. |
| 2 | Solanki Dilipsinh Kirtisinh | | QC Lab Assistant | Testing of different properties of raw cotton and cotton bales | 7000 p. m. |
| 3 | Jadav Vipulbhai Natubhai | | Fitter | Maintenance of Double roller gin | 7000 p. m. |

| | | | | | |
|---|-----------------------------|---|------------------|--|------------|
| 4 | Prajapati Ketan Jayantibhai | | QC Lab Assistant | Testing of different properties of raw cotton and cotton bales | 7000 p. m. |
| 5 | Thakar Ankitkumar Manubhai | Vivekanand Industries, Kadi (Bachelor of Vocation) | Fitter | Maintenance of Double roller gin | 7000 p.m. |
| 6 | Vyas Mayurbhai Harikrushna | | QC Lab Assistant | Testing of different properties of raw cotton and cotton bales | 7000 p. m. |

Pharmaceutical Chemistry

| Sr. No. | Name of Student Placed | Name of Industry | Designation | Job Role | Salary (p.m.) |
|---------|------------------------------|--------------------------------------|-----------------------|--|---------------|
| 1 | Zinalbahen Jadavajibhai Nayi | Corel Pharmachem Pvt. Ltd., Kadi | QC Chemist | Raw and Finished Sample Testing | 9,000 p.m. |
| 2 | Niralee Bharatbhai Patel | | QC Chemist | Raw and Finished Sample Testing | 9,000 p.m. |
| 3 | Kajal Rameshbhai Prajapati | | QC Chemist | Raw and Finished Sample Testing | 9,000 p.m. |
| 4 | Asmitaben Amrutbhai Patel | Kayvee Aeropharma Pvt. Ltd., Kadi | QC Chemist | Raw Material and Finished Formulation Sample Analysis | 6,000 p.m. |
| 5 | Pratikkumar Vishnubhai Patel | | Production Chemist | Routine Production of Formulation | 8,000 p.m. |

Agriculture and Soil Sciences

| No | Name | Present status | Working place | salary |
|----|----------------|-----------------------------|-------------------------|----------|
| 1 | Patel Nirav K | Marketting executive | Agrostar PVT LTD | 12000/- |
| 2 | Patel Prashant | Gram sevak(Government job) | Kadi | 20,000/ |
| 3 | Patel Vasant | Technical assistant | TATA Chemicals, KADI | 10,000/- |
| 4 | Rabar Nikul B | Gram sevak(Government job) | Agrostar PVT LTD | 20,000/ |

| | | | | |
|----|----------------|----------------------------------|------------------|---------|
| 5 | Patekl Khyati | Supervisor, Deep Kiran | Dantali | 8,000 |
| 6 | Patel Nitin | Field Assistant, Indofil pvt ltd | Kadi | 8,000 |
| 7 | Patel Hiren | Marketing executive | Agrostar PVT LTD | 12000/- |
| 8 | Patel Meet | Marketing executive | Agrostar PVT LTD | 12000/- |
| 9 | Patel Rashmika | Marketing executive | Agrostar PVT LTD | 12000/- |
| 10 | Patel Kajal | Marketing executive | Agrostar PVT LTD | 12000/- |
| 11 | Sadhu Alpa | Marketing executive | Agrostar PVT LTD | 12000/- |
| 12 | Prajapati Arti | Marketing executive | Agrostar PVT LTD | 12000/- |
| 13 | Patel Smruti | Marketing executive | Agrostar PVT LTD | 12000/- |
| 14 | Patel Dipika | Marketing executive | Agrostar PVT LTD | 12000/- |
| 15 | Nayi Jitendra | Marketing executive | Agrostar PVT LTD | 12000/- |

After completion of study of Bachelor of Vocation Programme, 30 students out of 34 students have been placed in various Ginning and Spinning industries.

Textile and Ginning Technology

| Sr. No. | Name of Student Placed | Name of Industry | Designation | Job Role | Salary (P.M.) |
|---------|---------------------------------|--|------------------------|--|---------------|
| 1 | Patel Niravkumar Pankajbhai | Vivekanand Industries, Kadi (Community College) | Fitter | Maintenance of Double Roller Gin | 7000 P. M. |
| 2 | Bava Dharmendrapuri Babupuri | Umiya Cotton Industries | Supervisor | Supervision of Ginning Production and Realization | Rs. 7000/- |
| 3 | Jadav Vipulbhai Natubhai | Vivekanand Cotspin Llp | Trainee Supervisor | Spinning Production and Yarn Testing | Rs. 6000/- |
| 4 | Patel Ankit Narendrabhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 5 | Patel Chiragkumar Dineshbhai | Santoshi Enterprises | Oil Mill Supervisor | Oil Mill Management | Rs. 17800/- |
| 6 | Patel Jaydipchandra Bharatbhai | Mahavir Enterprises Pvt. Ltd. | Owner | Electrical Wire and Cable Contractor | Rs. 30000/- |
| 7 | Patel Mehulkumar Bharatbhai | Vivekanand Cotspin Llp | Trainee Supervisor | Spinning Production and Yarn Testing | Rs. 6000/- |
| 8 | Patel Niravkumar Pankajbhai | Vivekanand Industries, Kadi | Fitter | Maintenance of Double Roller Gin | Rs. 7000 /- |
| 9 | Patel Pratikshkumar Rajeshbhai | N.K.Industries Ltd. | Oil Mill Supervisor | Oil Mill Management | Rs. 17800/- |
| 10 | Patel Rohitkumar Ratilal | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |

| | | | | | |
|----|---|-------------------------------|-----------------------|---|-------------|
| 11 | Prajapati Amaratkumar Mansukhbhai | Nilkamal Spinning Products | Supervisor | Spinning Production Management | Rs. 12000/- |
| 11 | Prajapati Chiragkumar Prahadbhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 12 | Prajapati Ketan Jayantibhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 13 | Raval Jayeshbhai Babubhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 14 | Raval Maheshbhai Kalabhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 15 | Raval Vishnukumar Kalubhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 16 | Sadhu Jigarkumar Mahendrabhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 17 | Sathavara Himanshukumar Dashrathbhai | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 18 | Solanki Dilipsinh Kirtisinh | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 19 | Solanki Mahobatsinh Bharatsinh | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 20 | Solanki Vipulkumar Bhavubha | Vivekanand Cotspin Llp | Shift Incharge | Spinning Production and Shift Handling | Rs. 10000/- |

| | | | | | |
|----|------------------------------------|------------------------|---------------------|---|-------------|
| 21 | Thakar Ankitkumar Manubhai | Vivekanand Cotspin Llp | SQC Investigator | Fibre and Yarn Testing , Party Lot Inspection | Rs. 10000/- |
| 22 | Thakor Chamanji Babuji | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 23 | Thakor Sanjaykumar Babuji | Vivekanand Cotspin Llp | Packing Supervisor | Maintain the Stocks of Final Product and Dispatch Process | Rs. 6000/- |
| 24 | Vyas Mayurbhai Harikrushna | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |
| 25 | Yogi Vipulkumar Shaileshbhai | Pashupati Cotspin LLP | Shift Incharge | Spinning Production and Shift Handling | Rs. 8000/- |
| 26 | Patel Parthkumar Baldevbhai | Vivekanand Cotspin Llp | SQC Investigator | Fibre and Yarn Testing , Party Lot Inspection | Rs. 8600/- |
| 27 | Shah Achal Rajmal | Pashupati Cotspin LLP | SQC Investigator | Fibre and Yarn Testing , Party Lot Inspection | Rs. 7000/- |
| 28 | Parmar Rahulsinh Bhikhusinh | Ambika Ploysacks | Loom Machine Fitter | Maintenance of Looms Machinery | Rs. 10000/- |
| 29 | Thakor Nareshji Natuji | Indian Comodities | Co-lateral Manager | Stock Management | Rs. 8000/- |
| 30 | Solanki Harichandrasinh Vanrajsinh | Arvind Limited | First Line Manager | Operation of Spinning Machinery | Rs. 8000/- |

List of Industry – Academia MOUs

| | |
|----|--|
| 1 | Pashupati Agro Green Industries, Kadi |
| 2 | Corel Pharma Chem.Ahmedabad |
| 3 | Shree Ganesh Oil Mill and Ginning Factory, Kadi |
| 4 | D. Raja Cotton Pvt. Ltd., Kadi, |
| 5 | Pashupati Cotspin LLP for establishing an Institute - Industry linkage, Kadi |
| 6 | Janki Industries, Kadi |
| 7 | Shiv Shakti Ginning & Pressing Factory |
| 8 | Jagdish Cotton Industries, Kadi |
| 9 | Tirupati (Guj) Cot Spin Limited, Chhatral |
| 10 | Tirupati Balaji Cot Fab Pvt.Ltd, Chhatral |
| 11 | Pink Vision Agro.Tech Gandhinagar |
| 12 | Mr.Ashutosh Mhaskar, Director, Designer, Writer |
| 13 | Mr.Hardik Thakkar , Exeucitive Producer, Mumbai. |
| 14 | Greenfield Biotech, Adalaj, Gandhinagar. |
| 15 | Gujarat Hybrid Seeds, Ahmedabad |
| 16 | Sejasmi Industries (India) Pvt.Ltd. |
| 17 | Kayvee Aeropharma Pvt.Ltd. Kadi |
| 18 | West Coast Pharmaceuticals Ltd., Ahmedabad |
| 19 | Lincoln Pharmaceuticals Ltd., Khatraj |
| 20 | Krishi Vigyan Kendra, Ganpat Vidyanagar ,Kherva |
| 21 | National Engineering Works, Ahmedabad |
| 22 | President (Works), Cera Sanitary Ware Ltd.Kadi |
| 23 | Vice President CP Fittings, Cera Sanitary Ware Ltd.Kadi |
| 24 | Pranam HVAC Engineering Pvt.Ltd., Ahmedabad. |
| 25 | Somany Ceramics Ltd. |
| 26 | Hitachi Home & Life Solutions (India) Limited, Kadi |
| 27 | Pranam Technologies , Ahmedabad |
| 28 | Bahhauddin Science College, Junagadh. |
| 29 | Shri U.P.Arts,Smt.M.G.Panchal Science and Shri V.L.Shah Commerce College, Pilvai |
| 30 | M.G.Science Institue , Dadasaheb Mavalnker Camus, Navrangpura, Ahmedabad -9 |
| 31 | V.P. & R.P.T.P.Science College, Vallabh Vidyanagar-388120 |
| 32 | Sheth M.N.Science College, Patan (N.G.) 384265 |
| 33 | Green Cloud Soft PVT Ltd, Gandhinagar |
| 34 | Peach Technovations Private Limited,Gandhinagar |
| 35 | Hotel Planet, Kalol |
| 36 | Hotel Krsna Lila –Khoda, Ahmedabad |
| 37 | Panoramic Holidays Limited, Ahmedabad |
| 38 | Saffrony Holiday Resort (Saffrony Club Pvt.Ltd.), Mehsana |
| 39 | Labdhi Business Solutions, Ahmedabad |
| 40 | Pcube Softech, Ahmedabad |
| 41 | Yudiz Solutions Pvt.Ltd., Ahmedabad |
| 42 | Arman Technology, Ahmedabad |
| 43 | Vivekanand Group of Industries, Kadi |