



Yearly Status Report - 2015-2016

Part A

Data of the Institution

1. Name of the Institution		NAVJIVAN SCIENCE COLLEGE
Name of the head of the Institution		Dr. Harishkumar Ratanlal Dabhi
Designation		Principal (in-charge)
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02673250346
Mobile no.		9427533110
Registered Email		navjivan_73@yahoo.co.in
Alternate Email		dr.harishdabhi@gmail.com
Address		Navjivan Science College Jhalod Road Dahod - 389151
City/Town		Dahod
State/UT		Gujarat
Pincode		389151

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Rural
Financial Status	Self financed and grant-in-aid
Name of the IQAC co-ordinator/Director	Dr. Nileshkumar Mangalbai Vaghela
Phone no/Alternate Phone no.	02673250346
Mobile no.	9537385246
Registered Email	navjivan_73@yahoo.co.in
Alternate Email	dr.nileshmoghela@gmail.com

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://navjivansciencecollege.org/wp-content/uploads/2021/04/igac-2014-15.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://navjivansciencecollege.org/wp-content/uploads/2021/04/C5923-Academic-Calendar.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B	2.12	2008	16-Sep-2008	15-Sep-2013

6. Date of Establishment of IQAC	15-Jun-2016
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7. Internal Quality Assurance System

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

IQAC		
No Data Entered/Not Applicable!!!		
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8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Navjivan Science College, Dahod	NSS	State Government	2015 365	44500
Navjivan Science College, Dahod	Soil Analysis	State Government	2015 365	453240
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9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	5
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

The CCTV cameras was installed in campus as well in class rooms and laboratories in order to enhance safety and security. Introduce four subjects as a specialize subject in final year of B.Sc. (Mathematics, Botany, Physics and Zoology) Add on library facilities like books, journals, periodicals, thesis, rare editions of manuscripts. Moreover renewal of INFLIBNET facility was carried out.Three students got selected in campus interview carried out SUN Pharmaceutical Industries Limited, Halol

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13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality

Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achievements/Outcomes
Deploy CCTV Cameras	Deploy CCTV cameras in the campus to enhance safety and security enabling all class rooms and laboratories for effective curriculum delivery
Introduce new subjects in Final year of B.Sc.	Introduce four subjects i.e Mathematics, Botany, Physics and Zoology for B.Sc. final year students.
Enrichment in library facilities	The initiative was a big repository of books, journals, periodicals, thesis, rare editions manuscripts and videos for the use of all staff and students. Moreover it is registered with INFLIBNET facility.
Formal mentoring	Next future plan is to ensure formal mentoring of all students across all classes. These would help students to lead with academic stresses and adopt to circumstances with smile.
Placement of students	The activities of placement cell need to increased so that students gain employment at early stage 'Earn While Learn'
Soil Sample Analysis	B.Sc. students analyzed soil samples of different villages of Gujarat in order to prepare soil health card for the farmers. This project is funded by Gujarat government (Agriculture Department) which provides financial suppose to the students.
Carrier Oriented Course	Students of First, Second and Third years enrolled in different carrier oriented courses conducted by the college. This course is funded by UGC
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14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2015

Date of Submission	01-Sep-2015
17. Does the Institution have Management Information System ?	No

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

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

Navjivan Science College is affiliated to Gujarat University from the year of establishment and the university has its own well planned and well established structure for effective curriculum delivery. The institute prepare its own academic calendar on the basis of the academic calendar provided by Gujarat University. The institute ensure effective curriculum delivery with appropriate documentation such as academic calendar and various activities to be done during the academic year. The institutional academic calendar was displayed on college notice board as well as on college web site. Meeting of all head of departments with principal was carried out to discuss academic calendar and time table. Initially the general timetable was prepared and sent to each department for finalized it. The head of respective departments arrange meeting at department level and distribute syllabus among the faculty members according to their expertise. The final time table was displayed on the notice board and uploaded on college website. The time table was implemented by teaching, non-teaching faculty members and students during the years to conduct class room teaching and laboratory teaching. The class room teaching were carried out by lectures, seminars, special lectures, group discussion field trip and industrial visit during the year. The record of all activities were maintained by respective departments. The institute library have INFLIBNET facility for accessing e-books and e-journals. The faculty members and students often used this facility. The library have total more than 6000 text books, reference books, magazine, research journals and periodicals to enrich knowledge of faculty members and students. The institute have transparent internal assessment system through which student examined and evaluated by internal test, quiz, seminar and assignment. All examination was carried out as per academic calendar of the institute. Remedial classes and practicals are conducted for the students having less attendance and low achievers. Institute also appear for academic audit for regularly.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Carrier Orientated Course	Certificate course in pharmaceutical chemistry	15/06/2015	Nil	Yes	Yes
Carrier Orientated Course	Diploma in pharmaceutical chemistry	15/06/2015	Nil	Yes	Yes
Carrier	Advance	15/06/2015	Nil	Yes	Yes

Orientated Course	diploma in pharmaceutical chemistry				
Carrier Orientated Course		15/06/2015	Nil	Yes	Yes
Orientated Course	Certificate course in computer programming				
Carrier Orientated Course	Diploma in computer programming	15/06/2015	Nil	Yes	Yes
Carrier Orientated Course	Advance diploma in computer programming	15/06/2015	Nil	Yes	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	Nil	Nil
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1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BSc	Chemistry	15/06/2015
BSc	Botany	15/06/2015
MSc	Organic Chemistry	15/06/2015

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

	Certificate	Diploma Course
Number of Students	97	82

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
00	Nil	Nil
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
Nil	Nil	Nil
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	No
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Teachers	No
Employers	No
Alumni	No
Parents	No

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

Feedback Obtained
Nil

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	Physics/ Maths/ Zoology/ Chemistry/ Botany	423	500	423
MSc	Organi Chemistry	30	60	42
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2015	1129	63	14	Nil	4

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
Nil	Nil	Nil	Nil	Nil	Nil
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The mentor system usually bridges the gap between the teachers and students. This system is also an ongoing process in our college. There are mentors who are in charge of sections like student clubs, cultural clubs, career guidance, physical education and NSS department. A mentor record book is maintained by the each faculty and the details of the students are recorded so that they can readily access to the profile of the students and also to their contact details. Generally, our well-trained mentors learn the background of the students and provide them encouragement, motivation and counselling support. And when the mentor feels that the student requires

additional help which is beyond the abilities of the mentor, then he/she guides the students to the right person.

Mentors help greatly in identifying diversity in terms of learning challenges as well. They provide first-hand support to the students with difficulties and gives relevant inputs to the subject teachers which help them to be more effective in handling these students. The students are motivated in all academic matters and parents or guardians are contacted if situation demands to handle negative behavioural changes and interpersonal relations. The contact details of the parents/guardians are shared with mentors and vice versa. The mentors provide the students with additional support in terms of providing career guidance. The mentors of the concerned department continuously monitor and counsel the students when necessary, from the first year to the final year.

When students graduate and seek higher studies, almost always the students approach the mentors for providing them with references. Our mentors also encourage students to undertake projects or academic writing to enhance their knowledge, especially when students share their academic interests. Mentors also guide these students during their projects and internships. This is of immense benefit to the students involved as it greatly helps the students in giving them an edge over their competitors elsewhere.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1192	14	1:85

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
Nil	Nil	Nil	Nil	Nil

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
Nil	00	Nil	00
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2.5 – Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
MSc	MSc	Semster-4	26/04/2016	30/04/2016
MSc	MSc	Semster-3	07/11/2015	31/12/2015
MSc	MSc	Semster-2	26/04/2016	31/05/2016
MSc	MSc	Semster-1	07/11/2015	31/12/2015
BSc	BSc	Semster-6	26/04/2016	30/04/2016
BSc	BSc	Semster-5	07/11/2015	31/12/2015
BSc	BSc	Semster-4	26/04/2016	30/04/2016
BSc	BSc	Semster-3	07/11/2015	31/12/2015
BSc	BSc	Semster-2	26/04/2016	31/05/2016
BSc	BSc	Semester-1	07/11/2015	31/01/2016
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

The college has transparent and robust internal evaluation process in terms of frequency and variety. From the commencement of admission process, students are admitted purely on merit basis and the lists of merit students are displayed on Notice board. They are assessed continuously for the concerned integrated course through various evaluation processes at college level as well as at University level. In order to ensure transparency, the process of internal evaluation is communicated and clarified with the students during the Orientation Programme. The Principal organises regular meetings with the faculties and examination committee to ensure effective implementation of the evaluation process. The method of internal assessment helps the teachers to evaluate the students more appropriately. Continuous evaluation is made through different parameters like Unit Wise Assignments, Journal Submission, Seminar / Quiz, Practical Records, Attendance, Performance, Presentation and Viva-Voce. The weightage is 15 marks and it may varies as per the concerned faculty. Mid semester theoretical examinations are also conducted as per the schedule given in academic calendar. The weightage for the mid semester examinations is 15 marks. The performance of the students in the internal assessment, i.e. out of 30 marks is displayed on the Notice board and communicated to the students. Personal guidance is given to the students with poor performance after their assessment. Examination committee properly organise a fair and healthy atmosphere during examination to prevent malpractices by physical checking of students, prohibition on mobiles and electronic gadgets, covering student details on the answer sheet with the bar code sticker. Physical education and sports examination is also conducted to ensure student physical fitness and interest in sport activities.

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

The college takes following steps to ensure that the mechanism to deal with examination related grievances is transparent, time-bound and efficient. At the beginning of the semester, HOD inform the students about the various components in the assessment process during the semester. The students are informed about the internal assessment schedules as well as university examination schedules well in advance. Examination committee assigned senior supervisors and junior supervisors to conduct examination smoothly. The evaluation of answer sheets is done by the course handling faculty members within 4-5 days from the date of examination. The marks are entered and submitted to HOD for verification in order to maintain the standard evaluation process. The marks obtained by the students in internal assessment are displayed on the department notice board. The lab record of the students is also maintained. At Departmental level, the continuous evaluation of students is carried out by faculty members through theory lectures, labs, assignments, unit tests. The midterm marks are allotted based on defined strategies and displayed on notice board. If any query arises, it is discussed with HOD and the faculty members. At College level, the Examination committee appoints senior supervisors for smooth conduction of examinations. If students are facing any problems, their grievances are solved by the Principal. Special case examination, retest, reassessment is done on demand and request made by students through application letters. At University level, the queries related to results, rechecking, reassessment, corrections in mark sheets, other certificates issued by university are handled by the Examination committee and are forwarded to the University Examination Department.

2.6 – Student Performance and Learning Outcomes

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

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
Semester-4	MSc	Chemistry	21	12	57.14%
Semester-3	MSc	Chemistry	29	16	55.17%
Semester-2	MSc	Chemistry	39	37	94.87%
Semester-1	MSc	Chemistry	51	38	74.51%
Semester-6	BSc	Chemistry/ Zoology	424	117	27.59%
Semester-5	BSc	Chemistry/ Zoology	485	220	45.36%
Semester-4	BSc	A group of two subjects	552	219	39.67%
Semester-3	BSc	A group of two subjects	567	258	45.50%
Semester-2	BSc	A group of three subjects	604	247	40.89%
Semester-1	BSc	A group of three subjects	739	293	39.65%
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2.7 – Student Satisfaction Survey

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

[Nil](#)

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	1095	BRNS	2531550	0
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3.2 – Innovation Ecosystem

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

Title of workshop/seminar	Name of the Dept.	Date
00	00	

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

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
00	00	00	Nil	00
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3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
00	00	00	00	00	Nil
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3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
00	00	00

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

Name of the Department	Number of PhD's Awarded
00	Nil

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	chemistry	4	Nil
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3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Chemistry	3
Zoology	1
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3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Synthesis Characterisation and biocedal activity of Pyrazole compound from chalcone	Dr.Harish R.Dabhi	World Journal of Pharmaceutical sciences	2015	Nil	Navjivan Science College, Dahod	Nil

Synthesis Characterisation and biocidal activity of Pyrazole compound from chalcone	Dr.Harish R.Dabhi	World Journal of Pharmaceutical sciences	2015	Nil	Navjivan Science College, Dahod	Nil
Synthesis and Characterization of Reactive dyes based on 4,4-Diamino Diphenylsulphone and their Dying application on Silk, wool and cotton fibres	Dr. S.A.Patel	International Journal for Pharmaceutical Research Scholars (IJPRS)	2015	Nil	Navjivan Science College, Dahod	Nil
Spectroscopy Analysis and study of charge transport properties for Pinacyanol Chloride-organic Acceptor Complexes as Potential Optoelectronics Material	Dr.Vishal R .Jain	American Journal of Analytical Chemistry	2015	Nil	Department of Physics ,S.P.University, V.V. Nagar	Nil
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3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis Character	Dr.Harish R.Dabhi	World Journal of Pharmaceut	2015	Nil	5	Navjivan Science College, Dahod

isation and antibacterial activity of Pyrazonil derivative s derived from chalcone		ical sciences				d
Synthesis Characrtisation and biocedal activity of Pyrazole compound from chalcone	Dr.Harish R.Dabhi	World Journal of Pharmaceut ical sciences	2015	Nill	5	Navjivan Science Co llege,Daho d
Sythesis and Charac trization of Reactive dyes based on 4,4-Dia mono Diphe nylsulphon e and their Dying appl ication on Silk,wool and cotton fibres	Dr. S.A.Patel	Internat ional Journal for Pharma ceutical Research Scholars (IJPRS)	2015	Nill	5	Navjivan Science Co llege,Daho d
Spectros copy Analysis and study of charge transport properties for Pinacyanol Chloride-organic Acceptor Compexes as Potential Optoelectr onics Material	Dr.Vishal R .Jain	American Journal of Analytical Chemistry	2015	Nill	5	Navjivan Science Co llege,Daho d

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	Nil	13	Nil	Nil

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3.4 – Extension Activities

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

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Formation of committee	NSS	6	106
selection of volunteers	NSS	2	105
Polling awareness programme	NSS	2	78
International yoga day	NSS	2	95
Celebration of independence day	NSS	2	90
Three days celebration	NSS	2	80
Mehandi and elocution	NSS	2	24
Tree plantation	NSS	3	87
Raxabandhan	NSS	3	55
Braille script	NSS	3	45

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

Name of the activity	Award/Recognition	Awarding Bodies	Number of students Benefited
NSS	Best volunteers	DAMSA Society Dahod	2

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

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activities	Number of students participated in such activities
NSS	Magistrate of Dahod District	Election Awareness Programme	2	30

NSS	Indian Red Cross Society, Dahod branch	Blood Donation Camp	5	50
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3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
00	00	00	00
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
00	00	00	Null	Null	00
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
00	Null	00	Null
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
0	0

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS	Nature of automation (fully)	Version	Year of automation
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software	or partially)		
SOUL	Partially	2.0	2015

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	6296	972597	98	10447	6394	983044
Reference Books	2800	588346	48	32330	2848	620676
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4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
00	00	00	Nil
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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	25	20	25	0	0	2	8	100	0
Added	0	0	0	0	0	0	0	0	0
Total	25	20	25	0	0	2	8	100	0

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

100 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
00	Nil

4.4 – Maintenance of Campus Infrastructure

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

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
0	0	0	0

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

Since its inception in 1973, Navjivan Science College is ably managed by the Dahod Anaj Mahajan Sarvajanic Education Society provides capital expenditure necessary to run all academic, administrative and other activities. There is a Building and Infrastructure Committee which coordinates the repair and maintenance needs from time to time. Maintenance of the college infrastructure is undertaken as follows: Routine Maintenance: It includes the cleaning of the entire college campus and other infrastructure facilities. Routine maintenance like sweeping of the campus classrooms, staff rooms, office, computer lab, libraries, etc. is carried out by the institute appointed staff and temporary staff hired on contract basis. The work is supervised by the Office superintendent. Building Maintenance: It involves painting and repair work of college building, plumbing work, etc. Electrical Maintenance: The routine servicing, repairing and replacement of electrical accessories and installations in the campus is carried out by the permanent electrician (staff). To increase the safety of level in the institute the college campus, classes, laboratories, lobby and other area of the college was secured by CCTV cameras. Library Maintenance Library day to day activities are managed by the Librarian and library peon and overseen by the library committee. Library software is reviewed by the committee and upgraded regularly. Library follows the Government norms to identify worn out books, and stock verification of the books is also carried out on annually. Students are given library cards to borrow books and a register is maintained to assess the library. Laboratory Maintenance The Laboratory assistants(s) and Faculty incharge of respective laboratories are responsible for the upkeep of equipment. The equipment stock in the laboratory is maintained and audited. Computer Maintenance The Dahod Anaj Mahajan Sarvajanic Education Society is given a annual maintenance for all computers on yearly basis. The annual maintenance contract is given to Zulfiqar computers, the desktop systems are checked on monthly basis and the hardware upgradation for network equipment like antivirus, access points, switches are done on need basis. Gas Maintenance The laboratory gas connections are provided by Vanraj gas agency. A Gas mechanic is appointed for the gas maintenance and he monitors the supply and leakage of gas on regular basis.

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Nil	0	0
Financial Support from Other Sources			
a) National	State Dept. SC, ST, OBC	329	1293425
b) International	Nil	Nil	Nil
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5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Nil	Nil	Nil	Nil
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5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2015	Nil	Nil	Nil	Nil	Nil
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5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

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

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
SUN Pharmaceutical industries ltd.	17	1	No data available	Nil	Nil
View File					

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of programme admitted to
2015	16	13	424	J and R B. Ed College, Dahod	B. Ed.
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5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
NET	1
View File	

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

Activity	Level	Number of Participants
NSS	Inter Institution	80
Sports	District	22
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2016	21st International High School Karate Championship- 2016 (Bronze Medal)	International	1	Nil	Nil	Mr. Umesh Mahavar

No file uploaded.

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

The students' council/Union is an essential part of the Institute functioning. The Institute believes in the dynamic participation of the students in various academic, curricular, extracurricular and other day to day activities so as to prepare them for leadership roles, team work, organization and execution of events. The Students council is headed by the Principal and senior faculty members and includes one General Secretary, one Cultural secretary, One Ladies representative, Class representatives and some co-opted members. Selection Procedure: At the beginning of the year, the Principal and member faculties hold a meeting with all the topper students of semesters I, III and V. The General Secretary is selected from the Sem V purely on merit (of Sem IV), interest and willingness, irrespective of the gender or subject. Next, the cultural secretary is chosen and finally, a girl student is selected as the Ladies' representative. All other student representatives from the union team.

There is also a provision for co opting students who excel in sports and cultural activities. Hence the students' Union comprises of members from diverse classes and subjects. The membership of students' council is an esteemed spot and the members of the council create an atmosphere of harmony, vitality and synchronization in the day to day management of the college. The fund for the students' union comes from the semester fees collected by the Institute. There is also a presence of students in various important bodies of the Institute and committees like IQAC, Anti ragging cell, Cultural committee, Library committee, etc. The students' council members stand out taking the leadership in organizing various events like Talent, Youth festival, Co curricular activities, Sports day, Blood donation, Tree plantation, Community services, College Annual day and many more activities. Various days like Environment awareness day, compassion day, Blood donation day, Food Nutrition day, no vehicle day etc. are celebrated under the aegis of Students' council. Many items like clothes, stationery, books and toys are collected from College students and distributed to the children of slum areas. During the admission time, the committee of these meritorious senior students is given the responsibility of counseling to the admission seekers. Students' council arranges a talent morning where all students from Semester 1 to Semester 6 are encouraged to participate and showcase their talent in Music, Dance, Drama, Literary activities, Fine Arts and Personality contests. Many of the student council members and other volunteers are selected to represent the college at the SAPTDHARA cultural activities of Knowledge Consortium of Gujarat.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

0

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Nil

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

This institute enjoys grant-in-aid status and is managed by Dahod Anaj Mahajan Sarvajanik Education Society. Dahod Anaj Mahajan Sarvajanik Education Society believes in decentralization and has an active involvement in all the administrative as well as academic activities conducted by this institute. Case study one: An internal exam for all the papers is conducted for both theory and practical with weightage of 30 marks each paper. The entire staff coordinates well for smooth and hassle free conduction of examinations. This examination is conducted after the meeting of head of department with the principal. This meeting involves various discussions through which date and time of the exam is decided. The exam committee and the timetable committee together design the timetable for exams which is displayed on the notice board well in advance. Once dates are finalized two members committee is formed who is responsible for collecting manuscripts from head of departments and then print and prepare question paper sets which are to be distributed on the exam day. Non teaching staff is assigned with the duty of preparing blocks and the seating arrangement. Invigilation Duties are assigned to the faculty members prior to exams so they can arrange their leaves accordingly. Collection of answer sheets and their assessments are completed on time after which each department displays the internal marks on the respective notice-board for the students. A time period is given to students if they are willing for rechecking of their papers after which final mark list is prepared and submitted to the office for further process. These final marks are submitted to the university by the result committee. This process involves all the staff members and is transparent. Case study two: The activities and budgetary matters are decided by the principal along with the management advisory committee. A meeting of head of departments is called to allocate the budget of each department like purchase of books and instruments. The heads then discuss the same with their departmental staff. The laboratory personnel is also called upon to make a list of requirements of the year based on priority. Each department and list is forwarded to the purchase committee who invites three quotations for various items out of which the best is selected referring to the quality and service of the products. The purchasing of books is also decentralized and participative. When publishers approach the institute, they are given opportunities to present the titles before the faculty. The faculty members choose appropriate titles which are later finalized by the Head of the departments along with the principal and the purchase management committee.

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

Partial

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Admission of Students	Admission of students: the institute is affiliated to Shri Govind Guru University and the first year admission for UG and PG has been made available offline on the basis of merit. The principle is given the responsibility of coordinating the admissions with the university. All the courses and subject combinations and any other information regarding admission is provided in the admission booklet of semester one. The admissions for other semesters are also made off-line depending on the number of students or pass in the previous semester based on the merit.
Library, ICT and Physical Infrastructure / Instrumentation	The library has SOUL 2.0 software which makes it partially digitized. It is registered with INFLIBNET and the facilities are available to all the teaching staff and the students. There are more than 9000 books magazines periodicals thesis and Wi-Fi for the students for acceptability of such material. Many faculty members use this facility for effective delivery of curriculum. The laboratories have basic facilities infrastructure needed for Practical curriculum and research work.
Research and Development	Internal quality assurance cell and the research committee encourage both the staff and the students to present their work and take part in research projects through various seminars and conferences. Some teachers are also given financial aid to attend and present papers in the seminars. The institute is also linked with many other reputed research organizations. The labs present in the institute are also well equipped with necessary infrastructure for basic scientific research. The library is also linked to INFLIBNET which is a source of thousands of books and papers.
Examination and Evaluation	30 marks for the students are reserved for internal evaluation while the remaining 70 marks or for university examination. One theory examination is conducted for all the

papers in each semester for 50 marks. The other internal evaluation come from attendance of the students, assignments submitted by them, class tests, seminars, quiz etc. An average of 30 marks is taken out of these theoretical examinations and other activities. Students are informed about exams well in advance for them to prepare accordingly. The departments display the results on their respective notice boards for the students to report any discrepancies. Any problems regarding evaluation are solved at the departmental level. This mechanism of internal evaluation and assessment is transparent.

Teaching and Learning

The institute has 85:1 ratio of students: teachers which is very close as recommended by UGC. Student centric methods such as active learning, experimental learning, participative learning, group discussions, field visits, training and industrial visits are used to enhance learning experiences. ICT tools and e-learning resources are also used for effective curriculum deliverance. This institute also motivates and encourages the students to participate in extracurricular activities apart from academic activities. Many guest lectures are also organized for the student for more efficient learning.

Curriculum Development

Curriculum development: This institute is affiliated to Shri Govind Guru University and two faculty members are also the members of board of studies for the subjects such as chemistry, botany and zoology. They have an active involvement in the curriculum development and they also welcome suggestions from their departmental staff. The suggestions of various industries are also considered keeping in mind the employability of students in future.

Human Resource Management

The management and principal always support the students and the staff. The faculty members are encouraged to attend and present papers in seminars, industry collaboration with nearby institutes, arrange seminars or workshops and many more activities to enhance the quality of the institute. The management provides adhoc staff when the vacancies are not filled so

the teaching is not affected. The institute supports and manages human resources at academic, administrative and financial levels.

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

E-governance area	Details
Administration	administrative office of the institute is partially automated the operations are through the office management software
Finance and Accounts	financial accounts are maintained manually. The collection of fees is done off-line.
Student Admission and Support	Student admission in support-admissions is conducted off-line and online for the first semester by the college and university. After the online application process merit is prepared.
Examination	Examination-examinations are not conducted online but the internal marks are sent to the university online and the results are also displayed online

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2015	Spectroscopy and Stereo Chemistry	Spectroscopy and Stereochemistry	Dahod Ananj Mahajan Sarvajanic Education Society, Dahod	1000
2015	Dr J.M.Patel	Spectroscopy and Stereochemistry	Dahod Ananj Mahajan Sarvajanic Education Society, Dahod	1000
2015	Dr Rita K Rai	Spectroscopy and Stereochemistry	Dahod Ananj Mahajan Sarvajanic Education Society, Dahod	1000
2015	Dr Harish R Dabhi	Spectroscopy and Stereochemistry	Dahod Ananj Mahajan Sarvajanic Education Society, Dahod	1000
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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
Nil	Nil	Nil	Nil	Nil	Nil	Nil
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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
NIL	Nil	Nil	Nil	00
No file uploaded.				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nil	Nil	Nil	Nil

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Dahod Anaj Mahajan Sarvajanic education societies Employees cooperative credit societyCredit Society	Dahod Anaj Mahajan Sarvajanic education societies Employees cooperative credit society	B.Sc. students analyzed soil samples of different villages of Gujarat in order to prepare soil health card for the farmers. This project is funded by Gujarat government (Agriculture Department) which provides financial suppose to the students.

6.4 – Financial Management and Resource Mobilization

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

The funds are managed by the management through two types of audits internal audits and statutory audits. The income and expenditure is managed by internal auditor. The final statement of expenditure and the utilization certificate is managed by statutory auditor. Internal audit is conducted twice a year while the final audit is conducted at the end of every financial year. A recognized Chartered accountant firm is appointed for audits. This audit statement by the firm is reviewed by the management and sent back to the institute with any remarks. There are no objections in the audits.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
Nil	0	0
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6.4.3 – Total corpus fund generated

198022656.00

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No	Nil	No	Nil
Administrative	No	Nil	No	Nil

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

Nil

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

Nil

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

<p>Following are the initiatives taken up post accreditation: 1. to offer better career oriented courses. 2. E journals and INFLIBNET, Digitization of library is done by the Institute 3. Periodical academic audit can be conducted by the college: Annual economic audit is conducted by the management inviting recognized agency. 4. Alumni Association is also strengthened. The number of members in the Alumni Association has been increasing continuously</p>

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Nil
b) Participation in NIRF	Nil
c) ISO certification	Nil
d) NBA or any other quality audit	Nil

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
Nil	Nil	Nil	Nil	Nil	Nil
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CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male

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

Percentage of power requirement of the University met by the renewable energy sources
Not any

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Ramp/Rails	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
Nil	Nil	Nil	Nil	00	00	00	Nil
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
Nil	Nil	Nil

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Nil	Nil	Nil	Nil
No file uploaded.			

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

1.Tree plantation was carried out by NSS voluntary every year.
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7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

.Best Practices Best Practices - 1 1. Title of the Practice: Internal Examination System 2. Objective of the practice Since 1973 the Navjivan Science College is only a grant in aid Science College in Dahod district. The college is affiliated to Gujarat University since year of its establishment. 3. 1. Important of classroom teaching 2.Evaluation of class room teaching 3. Conduct internal examination 4. Assessment and documentation of examination 4. Now days the overall development of the students is a challenging task. In such a scenario, the class room teaching, laboratory teaching, extra curriculum activities and social activities may play vital roles in overall development of the students. Each above mentioned aspects needs planning, implementation of planning and financial freedom to do implementation. The classroom teaching has been done as per institutional academic calendar. The syllabi were distributed as per expertise of the faculty members of respective subjects. Even thought every faculty members are free to choose topic of his or her own interest or expertise. The attendance of the students was taken before the lecture and keeps as record at department level. It was instructed to mention topic on attendance sheet. All teacher reports regarding syllabus completed and to be

completed and head of department reports to the principal. The internal examination was conducted as per academic calendar of the institute. The examination pattern was just like university examination. The principal and head of department decides the paper setter and last date of its submission. The paper setters instructed to set question papers in Gujarati as well as in English and submit in sealed cover to the principal on or before last date of submission. Principal keep all the envelopes under his custody and submit to the convener of the examination. The convener opens all the envelopes and make copies. The total number of students was calculated on the bases of roll call provided by admin. Meanwhile another members of examination committee splits total number of students as per seating arrangements available in the college building and wrote numbers on the bench as well as on black board and all seating arrangements was displayed on notice board also. The committee rechecks all the number wrote, labels written on black board and notice board. The examination committees also decides to whom the duty of block supervisor and peons given. On the day of examination the block of supervisor was finalized by draw system. The peons distribute all necessary needs to the block supervisors. The convener and senior supervisor of examination splits question papers as per subject and block numbers and distribute the total question papers needed in each block just before final bell of examination ring. After examination started the convener and senior supervisor revisits of each class and make sure about distribution of question papers and any other queries in question papers. All block supervisor instructed to take attendance of the students carefully and submit number of students present and absent student before final bell ring. All students are instructed to stick flap on their personal details wrote on answer sheet. After final bell rings block supervisor collects all answer sheets and calculate it before submit to the senior supervisor. The senior supervisor recount all answer sheets before accept it from block supervisor. After submission of all answer sheets the convener distribute answer sheets among the teaching staff members of respective subjects for assessment. The last date of assessed answer sheet submission was given to the teaching staff members. The record of answer sheet given and collected was maintained accurately. The flap assessed answer sheets were removed by peons and teaching staff made entry of marks manually. The random verification of entry of marks was done by convener and total entries compare with total present students during the examination. The absent numbers was verified after all entries finished. The finalized marks displayed on notice board and sent to admin for entry on university portal. The copy of marks entered on university portal and displayed on college notice board was verified. All the documentation regarding examination and marks was maintained properly. Best Practices 2 1. Title of the Practice: SOIL ANALYSIS PREPARATION OF SOIL HEALTH CARD 2. Objectives: The knowledge of teacher and helping hands of student's works together for aim of government of Gujarat i.e provide a soil health card to the farmer of Gujarat. These joint efforts of teachers and students enhance knowledge, strength and spirit of team work of the students and teachers. The students got financial benefits during the vacation time i.e earn while learn. The work of this project is directly beneficial to the farmers of Gujarat and ultimately to the nation. The project in which the Govt. of Gujarat, teachers and students work collectively for the benefit of society. 3. The Context: The Government of Gujarat has taken up the initiative to make a 'Soil Health Card' for each farmland so that if the soil is deficient in mineral nutrients the farmers can take steps to improve its quality. This project has been given to selected research organizations and Navjivan Science College, Dahod has been one of them. During the years 2015-16 the students analysed soil samples for five different parameters viz. pH, Electrical Conductance (EC), Organic carbon, Phosphorus and Potassium. In the year of 2015-16 total 7,554 samples were analysed and grant received is 4,53,240/-. 4. The Practice: The Agricultural Department of Govt. of Gujarat proposed the institute to carry out the project

of "Soil health card". This is a very noble and timely project to help the farmer community. The Institute took keen interest in this massive task, and took up the project. The selected students and teachers were trained at the Soil analysis laboratory, Gandhinagar. They were provided with the technical knowledge and methodology for the same. Different batches of students were allotted different tasks and thousands of soil samples received from different areas of the state were analysed by precise, timely and accurate teamwork. The results of the analysis were cross checked by the government monitoring agency and they were found to be satisfactory. The soil health cards prepared this way are sent to the concerned farmers for further action. This helps the farmers to determine which crops to cultivate as well as to choose the fertilizer required for getting optimum yield. Besides helping the farming community, the project of Soil analysis has helped a number of the students to gain the knowledge and a sense of achievement.

5. Evidence of Success: Over the period of last years, approximately 7,554/- samples were analysed. All the results were handed over in clear, precise and methodical manner within a stipulated timeframe. The fact that the Institute has been assigned this important work time and again is in itself, an evidence of success. The targets given in each of the years were achieved well in time. The work was performed during the summer break so as to give students enough time to work. About 5 percent of samples were reanalyzed by the external agency of the monitoring committee of the government. The results were always in consistency, thus proving the accuracy and success of work done.

6. Problems Encountered and Resources Required: As with any scientific project, there were a few problems related to samples, instruments and resources. Many a times, the amount of soil samples received was not enough so more of the same were to be procured which extended the total time of the analysis. Availability of funds was delayed at times. Calibration and maintenance of instruments was regularly needed.

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

7.3 – Institutional Distinctiveness

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

Since 1973 the Navjivan Science College is only a grant in aid Science College in Dahod district. The Dahod district has majority population of tribal people. Hence the vision of the institute is "Awareness Upliftment of Tribal Student in their Scientific Attitude there by to make them Competent Citizen of the Nation" and mission of the institute is "It is our commitment to widen the horizons of Scientific Knowledge Its Applicability to the community. So, as to enhance the better living". The institute provides quality education and promotes creativity with an emphasis on holistic development of the students. One area where the institute strongly focuses on a distinctive performance is its teaching/learning process which is thoroughly robust and multidimensional. The institute has well qualified teaching staff and the knowledge of teachers enhance through FDPs and seminars regularly. The traditional methods of teaching are enhanced with ICT and other innovative and engaging methods so as to keep the students interested in the topic at hand and to increase the interface in the class. Participative and experiential learning are often used. The Institute invites learned speakers from the Government, Academia and Alumni to share their knowledge and interact with students and staff. The Institute has a big repository of books, journals, periodicals, theses, rare editions, manuscripts, and videos for the use of all staff and students. Moreover, it is registered with INFLIBNET and has access to eShodhSindhu, e-journals, Shodhganga, etc. provided through NLIST membership. The library is partially

digitalized by barcoding the books. There is an ecosystem for research and innovation which supports creation and transfer of knowledge. The Institute has completed eight minor research projects and one major research project funded by UGC and BRNS. Total 19 research students have been awarded Ph. D. under guidance of faculty members of the institute. There have been 46 research publications in journals of national and international repute. The faculty has also published books and book chapters. Institute encourages participation in sports, cultural and extension activities.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

The institute needs to be ICT based teaching through smart board. Hence we plan to purchase smart board in next coming year. Moreover the existing facilities of soil testing laboratory are not sufficient hence we plan to construct new building for soil laboratory. And also purchase some instruments for the laboratory use. The BRNS sponsored research project titled "Spatial distribution of uranium and associated water quality parameters in four districts of Gujarat (Dahod, Godhra, Kheda and Sabarkantha)" is sanctioned under Principal Investigation of the Dr. R. K. Rai and Dr. H. R. Dabhi as co-investigator. The appointment of junior research fellow and work related the sanctioned project yet to done in next coming academic year.