



Yearly Status Report - 2018-2019

Part A

Data of the Institution

1. Name of the Institution		P. T. SARVAJANIK COLLEGE OF SCIENCE
Name of the head of the Institution		Dr. Pruthul R. Desai
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02612240028
Mobile no.		9426854713
Registered Email		pruthuldesai@gmail.com
Alternate Email		principal@ptscience.ac.in
Address		P T Sarvajanic College of Science, M T B College Campus, Jawaharlal Nehru Marg, Athwalines, Surat
City/Town		Surat
State/UT		Gujarat
Pincode		395001

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	state
Name of the IQAC co-ordinator/Director	Viresh H Thakkar
Phone no/Alternate Phone no.	02612240028
Mobile no.	9426120840
Registered Email	vireshhthakkar@gmail.com
Alternate Email	vht@ptscience.ac.in

3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.ptscience.ac.in/upload/aqar/aqar_201718.pdf
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.ptscience.ac.in/upload/academic%20calendr%202018-19.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
2	A	3.03	2015	03-Mar-2015	02-Mar-2020

6. Date of Establishment of IQAC	01-Jul-2007
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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 IQAC	Date & Duration	Number of participants/ beneficiaries
To arrange	23-Aug-2018	30

seminar/workshop	1	
To arrange seminar/workshop	02-Feb-2019 1	28
To arrange Nobel Lecture series	23-Jan-2019 1	195
To arrange Nobel Lecture series	02-Feb-2019 1	312
To arrange Nobel Lecture series	01-Feb-2019 1	150
To arrange educational tours	06-Aug-2018 1	30
To arrange educational tours	01-Feb-2019 1	30
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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
College	CPE	UGC	2016 1827	15000000
College	RUSA	MHRD and State Government	2018 365	10000000
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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 :

4

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)

- Invited Talks
- Nobel Lecture Series
- Establishment of Einstein's corner in our library
- Launching a magazine, named Spectrum, by the Physics Club
- Taking

students to Mount Abu Infrared Observatory (MIRO) for sky gazing

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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	Achivements/Outcomes
To arrange seminar/workshop by students on different themes	Zoology department: On "Butterfly diversity" by Mr. Mayur Varia, Nature Club, Surat, On International wetland Day celebration "Wetland birds" by Mr. Ashok Mashru, Retd. Engineer, Rajkot
To arrange a series of lectures on "Nobel Prize" in different subjects	Chemistry: by Prof. Anju Chadha, IIT, Chennai, Physics: by Prof. B. N. Jagtap, IIT, Mumbai, Medicine/Physiology: Prof. Dipankar Nandi, IISc, Bangalore, Economics: by Prof. B. N. Jagtap, IIT, Mumbai
A seminar slot in the time table	Executed
To take students to educational tours - arranged by individual departments	Zoology Department: Kosmada (Induced breeding) and Sarthana Nature's Park, Wadhvana bird sanctuary (Ta. Dabhoi, Dist. Vadodara)
To encourage students to participate in national/state level exam/competition/symposia/seminars/workshops/conventions	Mathematics Department: Students participated in the state level Madhava Mathematics Competition and state level Prof. A. R. Rao Mathematics Competition, Physics Department: Students participated in "Inter-college power point presentation competitions" held at Navyug Science College, Surat and V. S. Patel College of Arts and Science, Billimora and won prizes, Students appeared in a National Level Examination, called NGPE, organized by IAPT, Kanpur, Students participated in CPEX - 2018 organized by RC - 7 (Gujarat) of IAPT which was held at Navyug Science College, Surat.

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14. Whether AQAR was placed before statutory body ?

Yes

Name of Statutory Body	Meeting Date
LAC	04-Jan-2019

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to

No

assess the functioning ?	
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	14-Dec-2018
17. Does the Institution have Management Information System ?	Yes
If yes, give a brief description and a list of modules currently operational (maximum 500 words)	<p>Institutional Management Information System P T Information Management System (PTIMS) - A brief overview (http://ptims.netfas.com/Admin/login.aspx)</p> <p>The college management realised quite early the benefits of moving towards digitization and use of information technology in college administration. It was also felt that a readymade software solution would not be sufficient for the specific requirements as an educational institute. What was required was a solution where changes could be brought about without involving external agencies every time. It was in this context that a customized cloudbased information management system was implemented. We knew we may not get the solution 'right the first time' and that this is a process that evolves over time and needs constant nudging (editing in IT language). With years gone by the results are showing and the P T Information Management System (PTIMS) has now become an integral part of the institute. We now have an almost paperless administrative office and the use of paper printing is resorted to in cases where paperwork is mandatory. The PTIMS equally caters to the needs of students, faculty members and the other staff. It manages student attendance, admission procedures, student enrolment and fees collection procedure. It is a comprehensive ERP software solution that eliminates the trouble of carrying out administrative and academic activities, which were previously done manually. It has eliminated the need of doing repetitive tasks and managing paperbased files to help create a paperless work environment in the college. It comprises of multiple</p>

modules and sub modules that help execute different activities of the institute with ease. Benefits of P T Information Management System Software The PTIMS software streamlines all academic and nonacademic activities of the institution, thus providing umpteen benefits to the management, administration, teachers and students. Since its implementation the benefits have far overcome the pain of the initial stages of installation. Some highlights are given below: 1. Productivity: The PTIMS software is time saving as it reduces manual work and facilitates a smooth flow of academic and nonacademic activities. 2. Accessibility: The institute has subscribed to a payment gateway for receiving fees online. This has helped the parents and students to pay the fees remotely and in turn reduced the long wait and queues formed at the college office. 3. Data Security: It reduces endless paperwork as well as reducing the need for paper storage. The data can be updated within seconds and it is stored on the cloud in encrypted format. 4. Easier Communication: It makes it possible to circulate information among teachers, students and staff in a faster manner. 5. Customised Reports: It is possible to generate customisable reports for the administrative and teaching staff. The latest addition has been to provide an application on mobile phones for students and teachers so that they can access the college data as and when necessary and that too from anywhere in the world. In conclusion the PTIMS software has been a boon for our institute because of its versatility, security and highquality performance at every level.

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

Institution has the mechanism for well-planned curriculum delivery and documentation: • As per the present structure of the Veer Narmad South Gujarat University, the curriculum is designed by the committee formed by the Board of Studies of the respective subjects and approved by the Faculty and the Academic

Council of the university. • Then the curriculum is forwarded to all the affiliated colleges of the university. • In the beginning of the academic year, all the HODs call upon the meeting of the staff members and discuss the curriculum with them. The papers/topics of the papers are distributed among the staff members as per the specialization and the expertise of the teachers after a fruitful discussion in the meeting. • The teachers conduct the theory classes on the regular basis as per the time table and if required, they engage extra classes also to cover the syllabus. • We have sufficient number of laboratories in the college across the departments. • The students are called for performing experiments in the laboratory during the stipulated time mentioned in the time table. • They are informed to prepare a record book and a graph book to record and maintain their observations. Then they are instructed to prepare journal to record the experiments they have performed and get them signed by the respective teacher. • It is assured that the students perform maximum number of experiments prescribed in the curriculum. • The student's attendance is also recorded, both in the theory classes as well as in the laboratories.

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
NIL	NIL	12/06/2018	0	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
Nil	NIL	12/06/2018
No file uploaded.		

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	Physics, Chemistry, Mathematics, Botany, Zoology	12/06/2018
MSc	Physics, Chemistry, Botany	12/06/2018

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

	Certificate	Diploma Course
Number of Students	Nil	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
NIL	12/06/2018	Nil
No file uploaded.		

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
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BSc	A Summer Internship at PTRSU, Raipur	1
BSc	A Nine-day Project on "Estimation of Channel Power by CTM" at KAPS (under NPCIL)	1
MSc	A five-day Project work	20
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
Feedback from students is taken during the contact hours in an informal way by teachers and principal and their suggestions are incorporated. From teachers, employers, alumni and parents, feedback is taken during the meetings with them.

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	BSc	420	11124	384
MSc	Chemistry	30	2131	35
MSc	Physics	30	227	27
MSc	Botany	30	150	24
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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
2018	1159	162	23	Nil	17

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Number of smart classrooms	E-resources and techniques used
25	25	27	14	Nil	Nil
View File of ICT Tools and resources					
View File of E-resources and techniques used					

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

- The students are mentored by their respective teachers in different departments and any grievances or issues are addressed by the faculty to help the students from time-to-time.
- The teachers carry out counselling in the class also as and when needed.
- Sometimes, individual one-to-one counselling is also done when need arises.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1321	40	1:33

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
60	25	35	Nil	21

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
2018	Dr. Anita Bahadur	Associate Professor	Sarvajanic Shikshan Ratna (Best Teacher) Award by SES
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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	IV	18/04/2019	21/06/2019
MSc	MSc	II	18/04/2019	21/06/2019
BSc	BSc	VI	16/04/2019	21/05/2019
BSc	BSc	IV	26/04/2019	03/07/2019
BSc	BSc	II	26/04/2019	25/06/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

- It is being done as per VNSGU rules and regulations.
- We encourage students to deliver presentation/seminar on the topics of their choice and we consider it as their internal evaluation test.

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

- The college is affiliated to the Veer Narmad South Gujarat University, Surat. The academic calendar is prepared by the University and the college follows the same.
- In the beginning of the academic year, the HoDs convene a meeting with the respective departmental faculty members. The teaching work for the current semester is allocated to the respective teachers.
- The draft plan for the academic year is discussed in the meeting regarding the assignment collection, conduct of internal examinations and their evaluations, practical viva, journal preparation and certification, co-curricular and extra-curricular activities, celebration of National Science Day, invited talks by eminent persons etc. The progress of the matter is monitored by the HoDs time to time and actions are taken accordingly.

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)

https://www.ptscience.ac.in/upload/co-po_ptscs.pdf

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
MSc	MSc	Physics, Chemistry, Botany	78	56	71.8
BSc	BSc	Physics, Chemistry, Mathematics, Botany, Zoology	420	373	88.8

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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
Major Projects	1095	ISRO	18.53	0
Any Other	0	KCG	5	5

(Specify)

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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
NIL	NIL	12/06/2018

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
NIL	NIL	NIL	12/06/2018	NIL
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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
NIL	NIL	NIL	NIL	NIL	12/06/2018
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

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

Name of the Department	Number of PhD's Awarded
Zoology	3

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	Zoology	1	0
National	Physics	3	5.05
International	Zoology	3	2.9
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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
Mathematics	1
View File	

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
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Mod effect of different biomolecules and other additives on cloud point and aggregation of amphiphilic linear and star block copolymer	P Patidar Anita Bahadur	Journal of Molecular Liquids	2018	4.26	P T Sarvajanik college of Science	Nil
Antimicrobial activity and curcumin solubilization in gemini surfactants: influence of spacer and non-polar tail.	U Dani Anita Bahadur	Colloid and Interface Science Commun.	2018	2.14	P T Sarvajanik college of Science	Nil
Acute Toxicity, Morphological Changes and Behavioral Responses Induced by Sodium Perfluorooctanoate in Indian Major Carp <i>Labeo rohita</i> (Ham.).	A Rajyaguru Anita Bahadur	Research Reviews: A Journal of Toxicology .	2018	0	P T Sarvajanik college of Science	Nil
Preparation and characterization of antitubercular drug encapsulated in polymers	U Sheth, S Tiwari, A Bahadur	Journal of Drug Delivery Science and Technology	2018	2.3	P T Sarvajanik college of Science	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
NIL	NIL	NIL	2018	Nill	Nill	NIL
No file uploaded.						

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	1	8	4	5
Presented papers	5	5	Nill	Nill
Resource persons	Nill	Nill	Nill	10
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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
"Mission Oxygen" awareness program	Dr. Vimal Rathi and Dr. Pravin Vora from Initiative Awareness Public Charitable Trust, Surat	3	250
Medical check up camp at Bhatha gam	Ambuja cement foundation and Kiran hospital, surat	1	14
Blood donation camp	Shri Sathya Sai Seva Trust, Althan, Surat and Surat Raktdan Kendra, Surat	3	124
Breast feeding awareness program for girls	Dept. of Home science and Nutrition of Seth P T Mahila Arts and Home Science college, Surat	2	145
Femicon conference for girls at university convention hall	Damini in association with VNSGU and SMC, Surat	1	24
Awareness, making and distribution of	Bhatha gram panchayat, Bhatha	3	30

paper bages to avoid use of plastic bag in Bhatha gam	gam		
Self defence program for girls	Mr. Pamir and his team (Karate trainer)	3	120
University Kaksha Zonal Workshop at Killa Pardi for 03 days	Veer Narmad South Gujarat University, Surat	Nill	4
Gramya Jivan Darshan-2018	Monghabhai Desai Vidhya Sankul, College Campus, Tithal Road, Valsad	Nill	6
Special Camp	NSS	3	40
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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
NIL	NIL	NIL	Nill
No file uploaded.			

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
Swachhata abhiyaan at Bhatha gam	NSS	Swachhata abhiyaan	3	30
"Mission Oxygen" awareness program	NSS	Dr. Vimal Rathi and Dr. Pravin Vora from Initiative Awareness Public Charitable Trust, Surat	3	250
"Traffic Jagruti Rally"	NSS	Surat city traffic police, Surat	Nill	45
"Youth for Nation" seminar	NSS	Shri Sathya Sai Seva Trust, Althan, Surat	3	245
"All India Essay Writing Event"	Shri Ram Chandra Mission and Heartfulness Education Trust	"All India Essay Writing Event"	1	3

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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
NIL	0	NIL	0
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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
Academia-Research lab collaboration	Project work	KAPS, Kakrapar	18/02/2019	22/02/2019	11
Academia-Research lab collaboration	Project work	KAPS, Kakrapar	25/02/2019	01/03/2019	09
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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
NIL	12/06/2018	NIL	Nil
No file uploaded.			

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
11.45	52.33

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Seminar Halls	Existing

Laboratories	Existing
Class rooms	Existing
Campus Area	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 software	Nature of automation (fully or partially)	Version	Year of automation
SOUL 2.0	Fully	2.0	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2153	227278	280	21560	2433	248838
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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
NIL	NIL	NIL	12/06/2018
No file uploaded.			

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	66	1	1	3	1	1	5	50	0
Added	10	0	7	0	0	0	0	550	0
Total	76	1	8	3	1	1	5	600	0

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

600 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
NIL	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	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical
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	facilities		facilities
0.32	8.13	9.18	13.09

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

• The college is very conscious as far as the maintenance of the infrastructure and updating the other facilities are concerned. • The maintenance of infrastructure involves repair work of college building, plumbing work, electrical work, furniture repairs etc. The Sarvajanic Education Society (SES) has a well-established Estate department which takes care of all maintenance work. • Routine cleaning of the laboratory, library, sports complex, classrooms etc. is done by the departmental peons of the college. • As for the cleaning of campus and campus facilities, an AMC has been given to a professional housekeeping agency and cleaning is done by the trained staff of the agency on day-to-day basis. • AMCs are in place with different professional agencies for the maintenance of on-campus computers, laptops, printers, projectors, air-conditioners, CCTV camera system, drinking water utility system and other such electronic devices appliances. This ensures that the computers and other essential utilities have a minimum downtime. • The support facilities like replenishing of consumables like laser printer toners, photocopying machine toners, laboratory chemicals, stationary items etc. are also made available through pre- authorised vendors. • The college boasts of a vast green cover of trees and lawns. This also means that the areas under green cover will have a lot of leaves and twigs falling from trees and shrubs. The housekeeping agency maintains the campus clean. • The college has outsourced the maintenance of the garden and green cover elements to a horticulture agency. They regularly water, trim and maintain the gardens, potted plants, trees etc. • The library has an OPAC software, and is RFID enabled. As far as the laboratories are concerned, the laboratory assistants and the laboratory in-charge are responsible for the upkeep of the equipment. The stock register of equipment of different laboratories is maintained. Our college has large playground and a pavilion for outdoor and indoor sports activities respectively. Maintenance of all sports facilities is looked after by the Assistant Professor in Physical Education and a peon dedicated to this task. • The college has an on-campus health centre which is looked after by a full-time doctor and a compounder.

<https://www.ptscience.ac.in/upload/aqar/procedure%20%26%20policies.pdf>

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees
Financial Support from institution	Financial help to poor students by our alumni association	55	175000
Financial Support from Other Sources			
a) National	SC/ST/OBC/EBC/NSP Scholarships	452	0
b) International	NIL	Nil	0

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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 implementation	Number of students enrolled	Agencies involved
Course on Conceptual Foundations in Physics (Bridge Course)	07/06/2018	34	Sir P T Sarvajanik College of Science, Surat
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	JAM exam preparation classes (by Department of Physics)	27	Nil	5	2
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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
NIL	Nil	Nil	NIL	Nil	Nil
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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
2018	59	B. Sc.	Chemistry	Sir P. T. Sarvajanik College of Science, Surat	M. Sc.
2018	53	B. Sc.	Physics	Sir P. T. Sarvajanik	M. Sc.

				College of Science, Surat	
2018	57	B. Sc.	Mathematics	Department of Mathematics, VNNGU, Surat	M. Sc.
2018	2	B. Sc.	Botany	Department of Bio-science, Sir P T Sarvajani College of Science, Surat	M. Sc.
2018	17	B. Sc.	Zoology	Department of Bio-science, VNNGU, Surat	M. Sc.
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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	4
SLET	8
GATE	1
Any Other	2
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5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Badminton (Men)	West Zone Inter University	1
Cricket (Men)	Cricket State Level Player (Navsari District)	1
Volleyball (Women)	West Zone Inter University	2
Yoga (Men Women)	All India Inter University	1
Chess (Women)	West Zone Inter University	2
Weight Lifting (Men)	All India Inter University	1
Table Tennis (Men)	Sarvajani Cup Inter College	3
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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
2018	Silver Medal (Individual)	National	1	Nil	160506197	Kosambia Meet Pareshbhai
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5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

• A student's council is a platform for the students to experience and practice healthy democratic policies. The college believes in and encourages the active participation of students in various academic curricular, extracurricular and other day to day activities. The students are thus groomed for leadership qualities, team work, event organizing skills and facing unforeseen challenges and overcoming them. • The University has set some norms for the formation of the student's council and requires that the council be headed by the Principal of the college. The various committees are chaired by a senior faculty member and comprises of faculty members too. • The General Secretary and the other elected student members are part of these committees. The students other than elected students are also co-opted as team members. This is usually done in cases of sports and cultural activity like cases. This ensures that students who excel in such activities are able to give their valuable inputs and aid in smooth planning and execution of events. Such diversified student's union creates an atmosphere of harmony, vitality and synchronization in the routine management of the college. • The fund for the students' union comes from the semester fees collected by the Institute. • The members of student's council actively take the leadership in organizing various events like Elocution competition, youth festival, sports events, blood donation camp, tree plantation, community services, college's annual day, quiz competition and many more activities. • Various days like environment day, blood donation day, food nutrition day, no vehicle day etc. are celebrated under the aegis of student's council. • As a part of NSS and NCC activities students visit the nearby villages, are doing various activities to solve their problems, arrange programs on traffic rules awareness etc. In flood-like situation, students take initiative to help affected people by collecting food, clothes etc. from nearby localities and providing it to the affected people. • The various departments too have subject related clubs such as Mathematics Club, Physics Club, Chemistry Club, Eco Club etc. Some students who are found to have the leadership potential are given the responsibility of organising and conducting activities throughout the year. Thus, the students not only actively get an opportunity for active participation in the academic activities through the clubs but simultaneously they are able to develop leadership qualities in them.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

359

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

106768

5.4.4 – Meetings/activities organized by Alumni Association :

• The meetings of Working Committee are held on regular basis. • Every year, some entertainment program is arranged for the members • Campus interview is organized by the alumni association • Annual General Body Meeting is held every year in which the association honours the member of college who has retired. Also those alumni who have special achievements like posted on a reputed place, clearing a national level, state level examination, elected/selected for a specific post in the university/company/ industry/firm etc. during the year are also felicitated in this program. • It takes active participation in the blood donation camp organized by the college. • It provides fund for organizing popular lectures / invited talks /workshops / seminars etc. in the college.

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)

In order to manage and ensure the smooth functioning of its constituent institutes, the SES has formed a unique two-tier system. The first tier is at the level of the overall administration of the college. The LAC - Local Administrative Committee, as it is named, looks after various affairs of the institute for which that committee has been framed. The LAC is headed by a chairman appointed by the SES. The Principal of the college is the ex-officio member of the committee. The other members of the committee, nominated by the SES include - a few ex-principals of the college, a representative from the alumni, some members from the industry, a representative each from teaching faculty and non-teaching faculty of the college. The LAC meets at least once in a term (twice a year) to discuss and finalize various affairs of the college for the academic year. It includes the financial matters, such as purchase of the books, equipment and instruments, giving AMCs for various purposes, appointing the required ad hoc staff - both teaching and non-teaching etc. Many institutes, in the country, suffer due to financial bottlenecking and lack of financial freedom. But in our case, we are fortunate that the LAC aids in the smooth fund flow and glitch free availability of funds as and when necessary.

The LAC is a bridge between the SES and the college. It also acts as a buffer and is often looked upon as an intermediary to resolve any issues faced by the staff members. Another tier of decentralization is at the departmental level. This is a case of operational autonomy via a shared collective responsibility. In the beginning of the term, the HODs are informed to prepare a list of the requirements for their respective departments that includes books, equipment, instruments, ad hoc staff in both teaching and non-teaching fields and any other infrastructural/academic facility to be augmented in the department. The HODs consult the teaching and the non-teaching staff members of the department whence, after deliberation, on receiving feedback from them finalizes the proposal which can be put forward in the LAC. This financial decentralization by way of participative management is indeed one of the outstanding features of our college and a classic example of healthy management and institute relationship.

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

Yes

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
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Admission of Students	It is centralized, at the university level.
Industry Interaction / Collaboration	<ul style="list-style-type: none"> • Departments are recommended to make their courses of study relevant to industry. • Industrial visits, lectures by industry experts and domain experts are regularly conducted.
Human Resource Management	<ul style="list-style-type: none"> • Faculty and Staff are encouraged to participate in self-development programmes. • Administration supports faculty, staff and students to optimize their work. • Estate Office offers round the clock support for infrastructural requirements especially, electricity, water supply and routine maintenance. • Faculty Members are involved in teaching, research and various administrative tasks.
Library, ICT and Physical Infrastructure / Instrumentation	<ul style="list-style-type: none"> • Library is fully computerized. All the information regarding the availability of the books, magazines etc are found on computers, kept in the library, which students/teachers can access very easily. • The software is user-friendly.
Research and Development	<ul style="list-style-type: none"> • Some of faculty members are actively involved in research and students are registered under them for M. Phil. and Ph. D. degrees.
Examination and Evaluation	It is carried out as per the rules of VNSGU, Surat.
Teaching and Learning	<ul style="list-style-type: none"> • The faculty have adopted ICT tools for teaching to make it more elaborative and understandable. • The students are shown NPTEL lectures on the regular basis on various topics to give them a broader spectrum of the topics.
Curriculum Development	It is done by the Board of Studies of different subjects from time to time.

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

E-governance area	Details
Planning and Development	<ul style="list-style-type: none"> • To develop mobile app for faculty and students for easy access to the information related to the functioning of the college. • To develop the e-teaching and e-learning environment in the college.
Administration	<ul style="list-style-type: none"> • Office work is computerized and majority student related work is carried out through software of the college. • The allotment of exam duties

	to the faculties and even the block number allotment are done through the software system.
Finance and Accounts	It is also computerized.
Student Admission and Support	<ul style="list-style-type: none"> • Admission to first year is done online through software by VNSGU while admission to second year and third year is done online through our own software. • Majority of office work such as fees collection, issuing TC and transfer certificates etc are also done through the software.
Examination	<ul style="list-style-type: none"> • There are two ways students are examined: one is through internal evaluation which is as per the VNSGU rules and the other is through external examination which is conducted by the university.

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
2018	NIL	NIL	NIL	Nil
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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)
2018	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
Integrating ICT in Research and Teaching	1	14/03/2019	20/03/2019	7
Online Refresher Course in Chemistry	2	01/11/2018	28/02/2019	120

UGC Sponsord Refresher Course in Physical Education	1	19/11/2018	09/12/2018	21
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	Nill	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • There is a credit cooperative society which gives loan to the needy and some household things charging a nominal interest. • A group insurance scheme is operative which can benefit the family of the staff in case on any untoward incident occurs. • A complete body check up camp was held for all the staff members. • In campus canteen facility is there. 	<ul style="list-style-type: none"> • There is a credit cooperative society which gives loan to the needy and some household things charging a nominal interest. • A group insurance scheme is operative which can benefit the family of the staff in case on any untoward incident occurs. • A complete body check up camp was held for all the staff members. • They are provided uniforms. • The laboratory staffs of the Chemistry Department are provided safety-shoes, safety glasses, apron and gloves to work safely in the laboratory. • In campus canteen facility is there. 	<ul style="list-style-type: none"> • A health centre is operative with full time doctor if a student has any health related issue during college hours. • The charge is also very nominal. • In campus canteen facility is there.

6.4 – Financial Management and Resource Mobilization

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

<ul style="list-style-type: none"> • One of the main pillars of sustaining an institution is finance. The inflow and outflow of finance and its proper management is crucial to the smooth running of the institution's steam engine. • The college has computerised its financial accounting and uses Tally software for the management of financial resources. The SES also carries out financial audit regularly and external audits are also done. • The annual Government audit is also carried out.
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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	NIL
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6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	GOG	No	Nil
Administrative	Yes	GOG	Yes	Financial audit by CA

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

NA

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

- They are covered under EPF scheme.

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

1. M. Sc. course in Physics was started with specialization in Nuclear Physics in the year 2016. 2. The efforts to digitize the records of the office and to computerize its routine functioning were initiated. 3. Online fee collection was started for the students. 4. It was resolved to put forward the proposal to the UGC seeking Autonomous status for the college. 5. Establishment of bicycle club 6. Arranged Science Academies' Refresher Course 7. A major research project, under the supervision of Dr. D. B. Shah (Department of Physics) funded by ISRO

6.5.5 – Internal Quality Assurance System Details

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

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	Sky Gazing	Nil	02/11/2018	02/11/2018	25
2019	Visit to Mount Abu Infrared Observatory	Nil	13/02/2019	15/02/2019	13
2019	Establishment of Einstein's corner in the central library	Nil	15/03/2019	15/03/2019	70
2019	Launch of magazine (by Department of Physics)	Nil	30/03/2019	30/03/2019	55

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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

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

1. The campus is powered by LED lighting. It helps save electricity as compared to other sources. It has some unique features it is non-toxic, portable, compact, handy, easy-to-install, light weight, cheap, having longer life etc. It also produces more luminance as compared to normal sources such as tube light, CFL and incandescent lamp. In the light that is generated by a semiconductor source, UV part of the electromagnetic spectrum is absent which is not only beneficial to our eyes, but also does not attract insects. 2. The importance of rainwater harvesting lies in the fact that it can be stored for future use. As it's natural fresh water, just it can be used directly also. The stored water can be utilized to revitalize the ground level water and improve its quality. This also helps to raise the level of ground water which then can be easily accessible. Presently due to population explosion and scarcity of all natural resources, the water conservation is on the top of the list. We can't imagine life without water. With a view of this, our institute has taken good initiative to start rain water harvesting. In our state we have almost three and a half month active monsoon. So we have installed all necessary pipes on roofs to bring down the rain water and store it in a huge underground tank with a storage capacity of 25,000 L. We are utilizing this water in our Chemistry laboratories as well as for the general purpose. This helps our institute in bringing down many expenses like electricity charge, distillation charge and municipal fresh water supply bill charges etc. 3. Vermicompost is a nutrient rich natural fertilizer and soil conditioner produced by complete breakdown of organic matter by some species of earthworm. It is also known as vermicast and is very different from compost produced by bacterial decay and is much richer in nutrients. The main benefits of vermicompost are as follows: a) It improves the physical structure of soil. b) It improves biological property of soil (enrichment of microbes, enzymes and growth hormones). c) It attracts deep burrowing earthworm already present in soil. d) It prevents soil erosion. e) It increases the population of beneficial bacteria. f) It decreases the population of pathogenic insects, pests like nematodes etc. g) It increases the yield of crops like sugarcane, grapes, banana, coconut etc.

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	Nil
Ramp/Rails	Yes	Nil

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students
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	locational advantages and disadvantages	engage with and contribute to local community					and staff
2018	1	1	30/09/2018	1	Conducting written test for the post of assistants in the Gujarat High Court	Exam was successfully conducted	300
2018	1	1	23/12/2018	1	Conducting exam for the post of Assistant Engineer (Mechanical) in the SMC	Exam was successfully conducted	600
2019	1	1	17/02/2019	1	Conducting written test for the post of peons in the Gujarat High Court	Exam was successfully conducted	300

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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	12/06/2018	All the teachers and the non-teaching of the college are governed by the service conditions laid down by the affiliating University.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
International Yoga Day	21/06/2018	21/06/2018	78
Plastic free India campaign	30/07/2018	30/07/2018	30
Tree plantation in Botanical Garden	15/08/2018	15/08/2018	115

World preventive health care day	24/08/2018	24/08/2018	191
Swastha Bharat Yatra	25/11/2018	25/11/2018	92
Flag hosting and Swachhata Abhiyan	26/01/2019	26/01/2019	15
Blood Donation	31/01/2019	31/01/2019	23
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7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1. Bicycle club has been established in the college. Some donors, our alumni and well-wishers have donated bicycles to the college. These bicycles are issued to the students at a nominal rate with the condition that they would come to the college on the bicycle every day and use them on a regular basis. The Principal and some staff members of the college too commute at times on a bicycle. This small gesture by the college helps prevent consuming fossil fuels generating carbon waste. It's a small contribution by the college towards eco-friendliness and reducing our carbon footprint

2. The college has implemented Rain Water Harvesting System. The rain water falling on the rooftop of the college building is channelled to an underground storage facility. The water stored during the rainy season is used by the Chemistry laboratory throughout the year as a source of distilled water for preparing various chemical solutions.

3. The rain water falling on open areas is often wasted. The college has implemented ground water recharging facility by diverting the running off water to an earmarked area. Here the runoff water is percolated into the ground for recharging the borewell.

4. The students are motivated to avoid using plastics in the campus. In order to do so, "plastic-free campus drive" was called upon by the volunteers of NSS and NCC.

5. An Eco club is established in the college. The students participate in the activities of the club and are made aware of environment, global warming and spread consciousness to take care of our environment. This inculcates a sense of responsibility and sensitivity towards the ecology and environment amongst them.

6. Tree plantation drive was undertaken under NSS and the volunteers planted 50 trees in the botanical garden space in the college campus. The participating students were explained on how to care and look after the saplings on a regular basis.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

1. The "Nobel Lecture Series": This is a unique feature of our college, perhaps ours is the only college in this region to have a program like this. We initiated the "Nobel Lecture Series" in 2014 and since then every year, we invite speakers from premier institutes of our country like TIFR, BARC, IITs etc. to deliver talks on the Nobel Prize given in all the three sciences.

2. The "Bicycle Club": This is another unique feature of our college, an initiative to contribute to save environment. Our college has procured about 30 bicycles, through donations received from different stake holders such as our well wishers and donors. The policy is to provide a bicycle to the students he/she can take it home and use it with the condition that he/she has to come to the college on bicycle only. It is provided at a nominal rent of Rs. 100/- per month. Students using bicycle have distinct advantages such as, they contribute to the reduced use of fossil fuel and therefore the reduced smoke emission, it makes them more fit and healthy, it brings awareness among them against the pollution of environment.

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

institution website, provide the link

<https://www.ptscience.ac.in/upload/aqar%20%20best%20practices%20-%202018-19.pdf>

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

Our vision statement reads: To promote experimental scientific pursuit and to provide conducive environment to students, to develop aptitude and to sharpen skills of students to meet the challenges of rapidly changing world and to instil a spirit of camaraderie amongst students and sensitize them regarding their role and duty towards nation building. With huge impressive infrastructure, well-equipped laboratories, lush green campus and conducive environment we strive hard to mould our students to achieve academic excellence and be role models for the society. During the last two decades, the world has changed like never before, thanks to the technological advancements, computer technology, artificial intelligence and what not. In this ever changing scenario, we strive hard to bridge the gap between what is taught and the progress of science is widening day-by-day. We have introduced some novel concepts in this regard in our academic calendar. It includes providing platforms to the students to interact with the best brains of our nation by having Nobel Lecture Series and invited talks, tours to the places of academic and industrial interest, organizing different competitions for the students, motivating them to actively involve themselves in the NCC, NSS and PT activities. The outcome of all this is that the students become quite competent when they are ready to enter real world of challenges. The regular activities of NCC, NSS and PT under the guidance of program officers and teachers inculcate in them the sense of responsibilities towards the community, society and the Nation.

Provide the weblink of the institution

<https://www.ptscience.ac.in/upload/the%20performance%20of%20the%20institution%20in%20one%20area%20distinctive%20to%20its%20vision%2C%20priority%20and%20thrust.pdf>

8.Future Plans of Actions for Next Academic Year

1. To arrange Bridge Courses in all the subjects that we offer at the UG level
2. To arrange lectures under "Nobel Lecture Series"
3. To arrange invited talks on different topics of current affairs and others
4. To take our students to various places of academic interest
5. To inspire the students to participate in various academic activities on and off the campus
6. To motivate them to prepare power point presentations in their fields of interest and present them in front of the other students
7. To prepare for elocution competition on the topics of their syllabi
8. To arrange orientation courses for the new entrants
9. Any other student-centric program that is possible