



Yearly Status Report - 2017-2018

Part A

Data of the Institution

1. Name of the Institution		BALLUBHAI KRISHNALAL MAJUMDAR SCIENCE COLLEGE
Name of the head of the Institution		Dr Vikas A Desai
Designation		Principal
Does the Institution function from own campus		Yes
Phone no/Alternate Phone no.		02632243049
Mobile no.		9428162876
Registered Email		bkmscience@yahoo.com
Alternate Email		bkmscienceval@gmail.com
Address		Dr. Monghabhai Desai Vidhyasankul , Shri Morarji Desai Nagar, Po. Box No. 89, Tithal Road ,valsad -396001, Gujarat (INDIA)
City/Town		Valsad
State/UT		Gujarat

Pincode	396001																								
2. Institutional Status																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Rural																								
Financial Status	state																								
Name of the IQAC co-ordinator/Director	Prof. U K Patel																								
Phone no/Alternate Phone no.	02632243049																								
Mobile no.	9825682480																								
Registered Email	bkmscience@yahoo.com																								
Alternate Email	bkmscienceval@gmail.com																								
3. Website Address																									
Web-link of the AQAR: (Previous Academic Year)	https://www.bkmscience.com/uploads/document/document_XcsSIjlo1650868430.pdf																								
4. Whether Academic Calendar prepared during the year	Yes																								
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.bkmscience.com/uploads/document/notice_XdUcdMOR1647860735.pdf																								
5. Accrediation Details																									
<table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>B</td> <td>70.50</td> <td>2004</td> <td>03-May-2004</td> <td>02-May-2009</td> </tr> <tr> <td>2</td> <td>B</td> <td>2.76</td> <td>2016</td> <td>17-Mar-2016</td> <td>16-Mar-2021</td> </tr> </tbody> </table>						Cycle	Grade	CGPA	Year of Accrediation	Validity		Period From	Period To	1	B	70.50	2004	03-May-2004	02-May-2009	2	B	2.76	2016	17-Mar-2016	16-Mar-2021
Cycle	Grade	CGPA	Year of Accrediation	Validity																					
				Period From	Period To																				
1	B	70.50	2004	03-May-2004	02-May-2009																				
2	B	2.76	2016	17-Mar-2016	16-Mar-2021																				
6. Date of Establishment of IQAC	12-Oct-2009																								
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
Regular meeting of IQAC is Arranged	23-Jun-2017 90	17
Regular meeting of IQAC is Arranged	18-Nov-2017 95	16
Feedback from Students	02-Apr-2018 15	247
Feedback from Parents	02-Apr-2018 15	171
Ananalysis of Student	23-Apr-2018 6	418
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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
Govt. of Gujarat	Saptdhara	Education department govt. of Gujarat	2017 365	40000
Govt. of Gujarat	Scholarship	Education department govt. of Gujarat	2017 365	11089545
Govt. of Gujarat	Salary Grant	Education department govt. of Gujarat	2017 365	83537699
Govt. of Gujarat	NSS	Education department govt. of Gujarat	2017 365	39600
Govt. of Gujarat	Udisha	Education department govt. of Gujarat	2017 365	13578
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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

2

year :	
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)

Organizing Various Activities like Clean India Green India, Eye Checkup, Deantal Camp and Blood Donation , NCC, NSS,UDHISHA, SAPTDHARA, Sports , Industrial Visit , Women cell

To Discuss Previous year result and Improvement of the result for coming year

Organizing Campus Interview ,Government Placement fair, Work Shop, Seminar, Lecture & Student enrichment Program

Celebrations of Water Day, Yoga day, Hindi day, Blind Day, Rastriya ekta Day, Indipendance Day

To maintain botanical garden and herbarium , Enrich library by adding new reference books/ journal / periodical ,AISHE data preparation .

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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
Enhance research environment by promoting research activity of teachers	During this year two students completed Ph.D
To arrange series of lectures in various subjects	Lectures were organised by Chemistry , Maths & Physics Department as under.
To organize various seminars, workshops, Campus Interview	Physics department, Chemistry department UDISHA, Woman Cell organized seminars, workshops, Campus interview .
Enrich library by adding new reference books/journals/periodicals	Reputed research journals, reference books were added to the library.
Academic calendar teaching plan for session 201718	Execution for academic activity with good academic achievement
To maintain Botanical Garden and Herbarium.	Institute appointed a gardener for maintaining Botanical garden &

	Herbarium .For maintaining it, our Botany Department took keen interest.
To motivate UG/PG students regarding NET/SLET exam. and in SCOPE exam.	We organised lectures for NET/SLET coaching for our M.Sc. students of all Chemistry. More than 135 students were benefited
To organise sports events, NCC & NSS activities.	Sports events, NCC & NSS activities were organised by the respective units.
Submission of the data of All India Survey of Higher Education(AISHE)	Data of AISHE 2017-18 successfully uploaded & certificate received.
To encourage faculty/ students to participate and present papers in State & National level seminars, conferences, workshops & publish research papers in reputed journals.	. Many of our faculty members participated and presented their research paper in state/ National seminars/Conferences. Published ten research paper in reputed journals.
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14. Whether AQAR was placed before statutory body ?	Yes
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Name of Statutory Body	Meeting Date
Shree Nootan Kelavni Mandal, Valsad	23-Jun-2017

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
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16. Whether institutional data submitted to AISHE:	Yes
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Year of Submission	2018
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Date of Submission	23-Feb-2018
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17. Does the Institution have Management Information System ?	Yes
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If yes, give a brief description and a list of modules currently operational (maximum 500 words)	The college has a well planned management information system to monitor various information related to the Institution. For keeping the details pertaining to financial transactions, the tally accounting software is being used in the College since 2009. The online admission system has been introduced from the academic year 20172018. The library management information system is based upon the SOUL software version 2.0, using the RFID technology. The Institutional repository pertaining to data entry is
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overseen by the library staff, wherein books can be searched , issued and returned. This is accessible to all using smart cards that are issued to both students and faculty members. We have INFLIBNET nList through which e.books and e.journals can be accessed . Biology department has a computerized practical self study centre for all students from F. Y. B.Sc. to M.Sc. The Maths department is using maths type and winedt latex software for educational purposes.

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

B.K.M Science College, valsad is affiliated with Veer Narmad South Gujarat University , Suart ,Gujarat and follows the university's curriculum. Every year, the college creates a plan to ensure that the curriculum are implemented effectively. The roadmap's highlights are listed below. Prior to the start of the academic year, IQAC prepares a yearly academic calendar based on the University calendar, indicating available dates for major events to guarantee a healthy teaching-learning process and continual evaluation. This is posted on the bulletin board. At the start of each academic year, a meeting is conducted in each department to discuss the academic schedule. The chair of the department assigns them the practical and theoretical syllabus. Every department creates a teaching plan, allocating topics to be taught per term. Students are given a syllabus for each course during the academic session. The time table, which is developed by the time table committee prior to the start of the academic year, determines when theory and practical lessons will be held. Traditional and advanced teaching approaches will be used to teach theory and practical subjects. To make the teaching-learning process more learner-centric, instruction is combined with the use of ICT. Students can increase their performance by using ICT, computers, and well-equipped laboratory facilities, among other things. For successful curriculum delivery, classroom teaching is reinforced with Assignments, Viva-Voce in practical teaching, seminars, workshops, special lectures by prominent professors, educational tours, field trips, and industrial visits. All of this is done in a systematic manner, with records kept by the appropriate departments. All students have access to the same educational options. Slow students, in particular, are urged to enrol in remedial classes. The college's library provides teachers with the materials they need to present curriculum effectively. The college library also has computers with internet access, INFLIBNET N-LIST, SOUL-2.0.0.12, in addition to books and scientific publications. Students' learning abilities are enhanced by the availability of e-books and journals. The English Department works hard to help students enhance their communication skills. The college has a NET/SET cell that provides tutoring for the NET/SET examination. Faculty members have access to INFLIBINET, which allows them to access full-text e-books and e-journals. Aside from the main library, certain departments have established departmental libraries to help students gain more in-depth knowledge. Internal examinations such as class tests, mid-term tests, and so on are used to determine if students have learned knowledge in accordance with the

curriculum's objectives. Exams are held on a regular basis in accordance with the academic calendar. Prior to the internal exams, each subject's assignments are distributed to all students. For sluggish learners, remedial lessons are offered. The representative departments keep and retain records of regular attendance, mark lists, and student development. The teaching programme here seeks to provide students with solid knowledge in their key topics, as well as the required skills and moral values for personal success and meaningful engagement in society.

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	Nil	Nil	NIL	NIL

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
MSc	Mathematics (Self Finance)	12/06/2017
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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	12/06/2017
BSc	Biology	12/06/2017
BSc	Mathematics	12/06/2017
BSc	Physics	12/06/2017
MSc	Chemistry	12/06/2017
MSc	Botany	12/06/2017
MSc	Mathematics (Self Finance)	12/06/2017

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

	Certificate	Diploma Course
Number of Students	0	0

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
Safety Week	01/01/2018	75
Seminar on Time management stress Management	10/01/2018	141
One Day Seminar on Effective Presentation skill resume Writing	19/01/2018	111

Fitness and self defence training programme	30/01/2018	50
Inter College Lecture series on Nano Technology	23/02/2018	35
Lecture on Chemical Safty by Rajani Desai	04/01/2018	77
National Mathematics day celebration a lecture on Life of Ramanujan	22/12/2017	87
International Yoga Day Celebration	21/06/2017	170
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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
BSc	Chemistry, Visit to Gandevi Sugar ,Gandevi	162
BSc	Chemistry, Visit to Vasudhara Dairy , Alipor	162
BSc	Botany,Academic visit at Lavasa -Matheran tour	107
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1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	No
Employers	No
Alumni	No
Parents	Yes

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

<p>Feedback Obtained</p> <p>There are five different types of feedback in our system. 1. Feedback from students Students receive feedback from their teachers. Feedback (Teaching and Learning Process) - This feedback comprises, among other things, teaching and learning procedures, punctuality, communication skills, student approach, and exchange of new ideas. Teachers innovation, the use of ICT in teaching approaches, interactive teaching, and student participation in the learning process are all important to us. Individual teacher input is gathered and analysed. The analysis findings are forwarded to the institutions head, IQAC, and management members for corrective action, and then to each individual instructor for further growth. 2. Feedback from the parents Parents feedback is based on their observations of their wards overall growth and the learning environment in the college, as well as their efforts to instil value-based education in their children.</p>

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
PhD or DPhil	English	1	1	1
MSc	Mathematics	68	68	68
MSc	Botany	30	28	28
MSc	Chemistry	40	39	39
BSc	Chemistry, Biology, Mathematics, Physics	449	2742	449

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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
2017	1302	238	42	0	33

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
43	42	4	4	0	42

[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 following points are taken into account in the mentoring system designed by the institute. The principle motivates all faculty members. The principle directs the faculties and provides information on the mentorship system. Each mentor is assigned to each student based on their strengths. One female and one boy are included in this scheme. Around 50 kids are assigned to one mentor. In this system, students present their concern to their mentor, who then attempts to resolve it. In the event of a significant problem, the mentor should approach the relevant committee or the Principal for assistance. Students may post issues such as study, facility, examination, learning-related issues, library, and so on. We have a management and mentorship system in place that is running smoothly.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1540	42	1 : 37

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
42	42	1	0	25

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
2017	NIL	Nil	NIL
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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	002	4	26/04/2018	22/05/2018
MSc	002	4	26/04/2018	09/05/2018
MSc	002	4	26/04/2018	23/05/2018
BSc	001	6	26/04/2018	08/05/2018
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Students grievances are communicated to institutional and department administrators on a regular basis. They have their own system for gathering data, whether directly or indirectly, and in a discreet manner. We have a separate suggestion box that the principal checks on a regular basis. Students are free to express themselves. As a result, were learning a lot about the teachers strengths and weaknesses. As the case warrants, a concerned instructor is advised. This is a non-formal method of internal evaluation that is used on a regular basis. CC cameras are utilised to properly monitor the activities of both employees and pupils. Students also undertake infrastructure evaluations on a regular basis. Internal evaluations of basic facilities are conducted on a regular basis. Students complaints are addressed by the concerned authorities. Students are given a feedback format created by IQAC that contains all of the information about a teachers performance. The committee compiles, evaluates, and analyses the information gathered. Corrective actions are being taken. Concerned faculties are personally contacted and informed of the results of the internal evaluation in a confidential manner. Students have the freedom to contact the HOD, mentor, and principle at any time. This unrestricted access has borne fruit. Even in the classroom, pupils are evaluated on a regular basis. Our colleges cultural programmes and competitions assist us in evaluating talent.

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

Veer Narmad South Gujarat University, Surat is the colleges academic affiliation. We create an Academic Calendar based on the University calendar each year. At the start of each academic year, the heads of all departments

meet with the relevant departmental faculty members. Exams, assignments, and other forms of evaluation are used to assign teaching faculties. The meeting discusses the academic years draught plan, which includes assignment collection, internal examinations and evaluations, journal preparation, practical viva and certification, co-curricular and extra-curricular activities, celebration of Various Days, and invited talks by eminent persons, among other things. On a regular basis, the heads of all departments examine the progress of the problem and take appropriate action.

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.bkmscience.com/uploads/document/document_4uDn16ZZ1652879538.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
002	MSc	Mathematics	36	33	92
002	MSc	Botany	29	29	100
002	MSc	Chemistry	38	38	100
001	BSc	Mathematics	73	69	95
001	BSc	Physics	51	50	98
001	BSc	Botany	41	41	100
001	BSc	Chemistry	262	229	87

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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)

https://www.bkmscience.com/uploads/document/document_N7Lc19KB1652885566.pdf

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
Nill	Nill	NIL	Nill	Nill

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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
Seminar on Effective	UDISHA CELL	19/01/2018

Presentation skill resume Writing		
One Day K.C.G.aided one day workshop on Interview Skill	UDISHA CELL	06/02/2018
One Day Seminar on Time management stress Management	UDISHA CELL	10/01/2018

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	Nil	NIL
No file uploaded.				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
NIL	NIL	NIL	NIL	NIL	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
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
Chemistry	2

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)
International	Chemistry	4	3.9
International	Biology Department	6	6.1
National	Biology Department	1	5.8
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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
Biology	1
Chemistry	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	Name of	Title of journal	Year of	Citation Index	Institutional	Number of
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Paper	Author		publication		affiliation as mentioned in the publication	citations excluding self citation
NIL	NIL	NIL	Nil	Nil	NIL	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 , Characterization and Biological Activity of Some New 2-Azetidinones	Dr. Vikas A. Desai	European Journal of Pharmaceutical and Medical Research ejpmr	2018	0	0	B.K.M.Science College, Valsad
Synthesis , Characterization and Biological Evaluation of...coupled 5, 5- disubstitute dimidazolidine- 2,4-diones.	Dr. Vikas A. Desai	International Journal of ChemTech Research,	2017	0	0	B.K.M.Science College, Valsad
Synthesis Spectral and Biological Studies of Some s-Triazine Derivatives of 1-(1-(4 methoxyphenyl)ethyl)Cyclohexanol	Dr. Vikas A. Desai	World Journal of Pharmaceutical Research	2017	0	0	B.K.M.Science College, Valsad
Diethylamine as Corrosion inhibitor for Zinc Sulfamic Acid	Dr. Vijay A. Champaneri	Ayudh (Peer reviewed)	2018	0	0	B.K.M.Science College, Valsad

Antibacterial Activity Of Leaf Extracts Of Some Herbs Against Some Clinical Isolates	Dr. T.G. Gohil	International Journal Of Current Research	2017	0	0	B.K.M.Science College, Valsad
Pollen Morphology Of Some Plants Species Of Order Malvales	Dr. T.G. Gohil	International Journal Of Current Research	2018	0	0	B.K.M.Science College, Valsad
Sensitive Of Two Acacia Species On Some Resistant Isolates	Dr. T.G. Gohil	International Journal Of Scientific Research And Reviews	2018	0	0	B.K.M.Science College, Valsad
Biogenic Silver Nanoparticles As Potential Agent Against Mycobacterium Tuberculosis	Dr. T.G. Gohil	International Journal For Research In Applied Science Engineering Technology	2018	0	0	B.K.M.Science College, Valsad
Antibacterial Efficacy Of Menthanolic Leaf Extracts Of Some Trees Against Some Common Pathogenic Bacteria	Dr. T.G. Gohil	Journal Of Applied Science And Computation	2018	0	0	B.K.M.Science College, Valsad
A New Record For Valsad District, Gujarat: Salmalia Insigne	Dr. D.D. Patel	Open Access	2018	0	0	B.K.M.Science College, Valsad

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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	0	5	3	4
Presented papers	0	3	2	0

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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
International Yoga Day Celebration(NSS)	NSS	4	116
Activity under Celebration of SwachhtaPakhwada Seminar on Swachhta Clening College Campus, Classroom ,Laboratory, Library, Toilets etc.	NSS	4	99
Tree Plantation	NSS	4	80
Blood Donation Camp (33Units of Blood))	NSS	4	59
Celebration of Blind Day	NSS	4	57
Camp Organise at The Village Segvi Activity like Survey of Village, Free eye checking Camp, Dental camp, Swahhta Abhiyan ,Tree Plantation, Cleanliness of tithal beach, Some health related and exam. Related lecture	NSS	4	167
Celebration of Voter Day	NSS	4	56

One Day Camp Organise at The Village Tithal . Activity like 1. Free eye Checking Camp 2. Cleaning Tithal Beach	NSS	4	41
Blood Donation Campaig	NCC	1	100
Dental Camp	NCC	1	100
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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	State level NSS Award	Govt. of Gujarat (Celebration of state level NSS Day at Bhuj)	1
NSS	State Level Poster Competition (Third Winner)	Govt. of Gujarat (Celebration of state level NSS Day at Bhuj)	1
Cultural Activity	Musical Instrument Playing (Third Prize)	Sarvajaik Education society, Surat	1
Cultural Activity	Sadupyog (Second Prize)	AgrwalEdu. Foundation, Navsari	1
Cultural Activity	Kalakruti (Third Prize)	AgrwalEdu. Foundation, Navsari	1
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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
Swachh Bharat	NCC	Swachh Bharat Abhiyan	1	94
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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	NIL	NIL	Nill
No file uploaded.			

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	Name of the	Duration From	Duration To	Participant
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	linkage	partnering institution/ industry /research lab with contact details			
NIL	NIL	NIL	Nil	Nil	Nil
No file uploaded.					

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	Nil	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
202.33	122.64

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	Existing
Others	Existing
Others	Existing
Seminar halls with ICT facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing
View File	

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 patially)	Version	Year of automation
SOUL	Partially	2.0.0.12	2007

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	8021	587488	0	0	8021	587488

Reference Books	16456	2424894	96	37001	16552	2461895
e-Books	1000	0	0	0	1000	0
Journals	563	511594	13	30950	576	542544
CD & Video	81	1460	0	0	81	1460
Others(s pecify)	71	112955	0	0	71	112955
Others(s pecify)	0	0	1030	0	1030	0
Others(s pecify)	3	68570	0	0	3	68570
Others(s pecify)	1	7443	0	0	1	7443
Others(s pecify)	0	0	12	0	12	0
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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	Nil
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	33	0	1	0	0	0	6	10	0
Added	0	0	0	0	0	0	0	0	0
Total	33	0	1	0	0	0	6	10	0

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

10 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 facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
81.98	94.89	120.35	27.75

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 Institute believes in transparency in all its academic and administration activities. There is a Purchase committee for the procurement of instruments and to decide the service providers for Annual maintenance contracts. The procedure for both is to decide the priority needs at the Institute. Accordingly, quotations are invited and the best service provider is chosen depending on rates and services. The Institution makes adequate arrangements for the maintenance and for better change of the college infrastructure. The management ensures that enough UGC grants and funds are allocated and utilized for the maintenance. We have a committee to ensure optimum allocation and utilization of available finance. It functions in the following manner. There is a strict policy to promote licensed vendors and equipment. The policy is also of inviting minimum three quotations. There is a policy to buy sophisticated instrument from Government approved suppliers only. The institution takes the suggestions and complaints from the students and staff members. The committee classifies it on the basis of requirements and then it is forwarded to the head of the institution. The head of the institution solves the problem by making suggestion to the responsible person. It is then analyzed appropriately. Financial aid is released according to the requirement. Tenders from different agencies are invited, compared and selected on the basis of cost effective quality work. There after the order is placed. Routine cleaning of the laboratory, library, sports complex, classrooms etc. is done by the departmental peons of the college. The college library also has computers with internet access, INFLIBNET N-LIST, and SOUL-2.0.0.12., in addition to books and scientific publications. Students can access e-books and periodicals, which is a valuable resource and maintain by Librarian 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 Sweeper maintains the campus clean. College Gardener regularly water, trim and maintain the gardens, potted plants, trees etc. 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.

https://www.bkmscience.com/uploads/document/document_yjlmYD1652512469.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	NIL	Nil	Nil
Financial Support from Other Sources			

a) National	Govt. ST, SC, SEBC, Scholarship	1131	11089545
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 implementation	Number of students enrolled	Agencies involved
Seminar on Effective Presentation skill resume Writing	19/01/2018	111	DR. Vishal Mali Professor, Naranlala college navsari
Seminar on Time management stress Management	10/01/2018	141	Mr. Pritesh Patel
K.C.G.aided one day workshop on Interview Skill	06/02/2018	224	Mr.Dipesh Shah
Remedial Class for F.Y, S.Y, T.Y.B.sc students	07/08/2017	275	UGC
International Yoga Day	21/06/2017	116	NSS
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
2017	NET coaching (Chemistry)	79	79	1	1
2017	SAP Coaching (Chemistry)	79	79	2	2
2017	CSIR	79	79	1	1
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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
0	0	0

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
ICICI Bank 03/08/201 and 11/11/2017	24	0	NIL	0	0
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
2018	45	B.Sc	Mathematics	Various Colleges	Further Study
2018	153	B.Sc.	Chemistry	Various Colleges	Further Study
2018	32	B.Sc	Botany	Various Colleges	Further Study.
2018	84	B.Sc	Mathematics	Various Colleges	Further Study
View File					

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
SET	3
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
Hockey men	University Level (Inter college)	75
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
2017	Inter uni. West zone, Hockey (Mans)	National	1	Nil	S.Y.B.Sc .-05	Bhondva Nilesh H.
2017	Inter uni. West	National	1	Nil	F.Y.B.Sc -150	Dhangara Satish S.

	zone, Hockey (Mans)					
2017	Inter uni. West zone, Cricket	National	1	Nil	T.Y.B.Sc -110	Patel Hani M.
2017	Inter uni. West zone Cricket	National	1	Nil	F.Y.B.Sc -617	Parmar Priya U
2017	Inter uni. West zone, Volleyball	National	1	Nil	T.Y.B.Sc-255	Tiwari Kartik S.
2017	Inter uni. West zone, Table Tennis,	National	1	Nil	S.Y.B.Sc --41	Patel Aditi D.
2017	JCI, Valsad.	Nil	Nil	1	Roll No.94 and Roll No12	Bhushan Sarode and Hemil Patel
2017	Sarvajaik Education society, Surat	Nil	Nil	1	Roll No 569	Sarfaroze K. Shaikh
2017	State level NSS Award-2017	Nil	Nil	Nil	Roll No. T.Y. 172	Nidhi M.Patel
2017	State Level Poster Competition (Third Winner)	Nil	Nil	Nil	Roll No. S.Y.218	Diksha U. Patel
View File						

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

Since its founding, the college has had a College Student Council that has been actively involved in the academic and extracurricular activities of the institution. It has active and creative representation on a variety of academic and extracurricular committees. The ranker students of each class are elected as the Associations class representatives and office bearers. They are eagerly involved in all of the institutions operations and have their problems answered quickly and without hesitation. By implementing the institutions objective and vision, the stakeholders have successfully transformed the Council into a highly significant platform. All academic and administrative activities are extremely student-friendly, which is a source of pride. It also serves as a link between the classroom and the rest of society. Through the engagement of students, the Council has been an integral component of the regular academic and administrative decisions as follows. 1. Cultural and sporting events. All

students, as well as their representatives, attend meetings, and their suggestions are implemented in the organizations events. 2. Counseling for College Students. According to departmental regulations, it is critical to emphasise that a student member of the College Student Counsel has full rights to speak at meetings connected to the institutions developmental activities. 3. IQAC Students are members of IQAC, and they are free to bring their questions on academic and administrative issues to the meeting.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

180

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

Once in a year.

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

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

Mandals governing authority are in charge of the institutions governance and management. Today's functioning of the Institution administration is supported by the Managerial Body and Executive Committee of the management, as well as the Principal. The management stimulates the personnel to offer their best in their teaching duties by engaging in personal interactions with them during meetings. Managements authority and executive members are constantly available to guide us in the Institutes general development. They promote and sanction monies to be used for the colleges various developmental efforts. They also provide generously to qualified applicants in the form of awards and recognition. By forming Institution level committees and assigning work to diverse committee members, the college pursues decentralisation and participative management. Under the presidency of the Principal, each committee is led by a convener and a few members. The committees functions and responsibilities are defined in the guidelines that accompany the official notice. IQAC develops, monitors, and evaluates policies and plans. The strategies and policies are implemented collaboratively by the Principal, Vice Principal, Faculty In Charges, HODs, Administrative Coordinator, and numerous committees. Staff members who participate in the implementation of institutional activities are motivated, and authority recognises good performance. Action plans are prepared by the committees and submitted to the principal for approval. The committees carry out the activities, and the conveners provide reports on the work done to the institutions head at the end of the academic year. Representatives from the students are also chosen to carry out co-curricular and extracurricular activities. Students and stakeholders feedback is taken into account in order to improve the plans and policies. At the start of each school year, the Principal forms various committees. The IQAC Admission Committee, the Time-Table Committee, the Library Committee, and the Grievance Redressed Committee are among these committees. Saptdhara Career Guidance Centre Women Development Cell NSS NCC Science Society

Cultural Committee Sports Committee Examination Committee Finance Committee Research Committee Saptadhara Career Guidance Centre Women Development Cell NSS NCC Science Society. The entire exam process is transparent and involves practically the entire crew. Instruments and books are purchased. The Principal and the Management Advisory Committee decide on numerous activities and budgetary matters at the start of each year. The principal convenes a meeting of all HODs, at which a budget allocation is determined for each department under headings such as instrument purchases, books, and so on, with unanimous approval. The Heads continue to talk about it with their respective staffs. The laboratory staff also contributes to the preparation of a priority-based list of requirements for the coming year. Each departments lists are provided to the procurement committee. This committee solicits at least three bids for various items, with the best vendor chosen based on quality and after-sales support. The book acquisition process is similarly decentralised and participatory. Various book publishers and merchants are given the opportunity to display their books, and all teachers are urged to select relevant titles that are then approved by the concerned person.

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	<p>The Institute is associated with V.N.S.G. University, and first-year undergraduate and graduate student admittance is entirely online and based on merit. Our Principal has been tasked with overseeing the entire V.N.S.G. University B.Sc. and M.Sc. semester I admissions process. The admission booklet, semester I, contains all of the different course combinations as well as other admissions information. Second-year, semester III admissions are equally merit-based, with the number of seats granted in each group determining the number of seats available. BKM Science College has made an effort to make commuting more convenient for students by offering ST bus services at a low cost. We also provide student passes for train travel at a very low cost. Most of our students come from nearby and faraway regions like as Pardi, Vapi, Sanjan, and Umargoan, and travel might be costly. As a result, we provide clients with discounted train and bus passes to assist and expedite their journey. Passes are granted by the library, and we see a large number of students taking advantage of this service. Every year, a large number of students take advantage of the ST Bus and Railway pass programmes. So were overjoyed that</p>

	<p>weve been able to assist so many deserving students and relieve their financial burdens so that they may focus on their studies. We can make their studying more enjoyable and assist them in realising their dreams by doing so.</p>
Industry Interaction / Collaboration	<p>Academic, research, culture, campus interviews, industry visits, and other activities are carried out by the institute. Seminars, workshops, faculty exchanges, and student exchange programmes are also organised by institutes and enterprises.</p>
Human Resource Management	<p>Faculty, staff, and students are continually encouraged to participate in self-development programmes at the Institute by the management and principal. The teaching staff is encouraged to do research, attend and deliver papers at seminars, engage in industry engagement and workshops, and participate in any other activities that may improve the Institutes quality. When vacancies are not filled, the management appoints adhoc workers to ensure that instruction is not disrupted. It maintains and supports human resources at all levels, including academic, administrative, and financial.</p>
Library, ICT and Physical Infrastructure / Instrumentation	<p>Within the institute grounds, B. K. M.Science College,Valsad offers suitable hostel accommodation for scheduled castes, scheduled tribes, and economically weaker classes. There are well-built hostel blocks for both females and boys on campus. The mess, administrative office, and warden quarters make up Hostel N. Aside from well-furnished rooms. Rooms in the hostel are assigned on a first-come, first-served basis.</p>
Research and Development	<p>Despite the fact that the college is predominantly a UG and PG institution, the IQAC and research committee encourage faculty and students to engage in research and present their findings at various seminars and symposia. Financial assistance is provided to some instructors in order for them to attend seminars and present papers. Many reputable research groups have been established as partners. INFLIBNET, a database of thousands of books and articles, is linked to the</p>

	library.
Examination and Evaluation	<p>Internal evaluation accounts for 30 points, while the University test accounts for 70. Each semester, there is one theory internal test worth 60 percent of the internal mark allotment. The remaining internal scores come from attendance and assignments, as well as continuing class assessments, seminars, quizzes, and other activities. All exam procedures and schedules are communicated to students in advance.</p> <p>Internal grades are posted on the departmental bulletin board, and students have a certain amount of time to report any inconsistencies. Any complaints about evaluation are resolved at the departmental level. Internal evaluation is a clear and reliable process.</p>
Teaching and Learning	<p>The institute has enough staff in all courses who are well-versed in their fields. We have an LCD in the required class room, which the teacher uses to better communicate. The majority of teachers include ICT into their teaching methods.</p>
Curriculum Development	<p>The Institute is associated with V.N.S.G. University, and 05 faculty members serve on several Boards of Studies. They take an active role in curriculum development and solicit feedback from their peers before doing so. Suggestions from industry are also taken into account when considering employability.</p>

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

E-governance area	Details
Planning and Development	Nil
Administration	The administrative office of the institution is totally atomized, with all operations managed by Office Management Software.
Finance and Accounts	Tally ERP.9 software is used to keep track of all financial and accounting information. C.A.B.Sc. audited the accounts.
Student Admission and Support	Entrance to Semester I is based on a local merit system, and M.Sc. admission is based on a national merit system. The V.N.S.G University offers online admission for Semester I. Students fill out their forms online, and their merit is calculated automatically. Other

semester admissions are done on a merit basis by the Institute. The v.n.s.g.u website hosts all external results. The activities of the Institute are also shared on social media.

Examination

The students are evaluated both internally, according to VNSGU standards, and externally, by the institution. Although the examination is not conducted online, the internal grades are sent to the institution and the results are also available 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
2017	08	NIL	NIL	0
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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)
2017	NIL	NIL	Nil	Nil	Nil	Nil
No file uploaded.						

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
Orientation Course	1	23/10/2017	19/11/2017	28
Orientation Course	1	28/05/2018	24/06/2018	28
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6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	0	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
B.K.M Science college Staff credit society	B.K.M Science college Staff credit society	Gujarat Govt. Scheme , poor Boys fund ,Govt. scholarship scheme

6.4 – Financial Management and Resource Mobilization

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

Internal and statutory audits are used by the management to keep track of the funds. The income and spending are audited by the internal auditor. The final statement of spending and utilisation certificates are the responsibility of the statutory auditor. Internal audits are conducted twice a year, with the final audit taking place at the end of the fiscal year. The audits will be performed by a reputable chartered accounting firm. Management reviews the audited statement and sends it back to the Institute with any comments. The most recent audit was completed in APRIL 2016. There were no objections to the audit.

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

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NIL	0	NIL
No file uploaded.		

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	No	Nil	Yes	IQAC
Administrative	No	Nil	Yes	Management appointed C.A.

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)

1. M. Sc.-II course in Maths department was started in the year 2017
2. Arranged job fair .
3. Arranged lecture/seminar to develop soft skill in students.

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	K.C.G.aided one day workshop on Interview Skill	18/11/2017	06/02/2018	06/02/2018	224
2018	Training programme Fitness and self defence	18/11/2017	30/01/2018	30/01/2018	50
2018	Seminar on Time management stress Management	18/11/2017	10/01/2018	10/01/2018	141
2018	Seminar on Effective Presentation skill resume Writing	18/11/2017	19/01/2018	19/01/2018	111
2018	National Youth Day Swami Vivekanand Jainti Uvya Relly	18/11/2017	12/01/2018	12/01/2018	1400
2017	National Mathematics day celebration a lecture on Life of Ramanujan	18/11/2017	22/12/2017	22/12/2017	87
2018	Lecture on Chemical Safty by Rajani Desai	18/11/2017	04/01/2018	04/01/2018	77
2018	Inter College Lecture series on Nano Technology	18/11/2017	23/02/2018	23/02/2018	87

[View File](#)**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
Blood Donation Camp	16/07/2017	16/07/2017	46	54
Blood Donation Camp	30/08/2017	30/08/2017	37	22
Industrial Visit at Sugar Factory Gandevi	19/12/2017	19/12/2017	120	42
Industrial Visit at Vasundhara dairy , Alipore	19/12/2017	19/12/2017	120	42
Field Visit at " Lavasa-Matheran Tour	03/09/2017	03/09/2017	54	53
Camp Organise at The Village Segvi	15/01/2018	21/01/2018	85	82
One Day Camp Organise at The Village Tithal	22/02/2018	22/02/2018	22	19
Remedial Coaching	30/07/2017	29/09/2017	193	53
Celebrations of Independent Day	15/08/2017	15/08/2017	418	182
Celebration of "Republic Day"	26/01/2018	26/01/2018	48	55
Seminar on Time management & stress Management	10/01/2018	10/01/2018	109	32
Seminar on Effective Presentation skill & resume Writing	19/01/2018	19/01/2018	84	27
Lecture on Skin care , Health care and Immunity	02/02/2018	02/02/2018	100	0
K.C.G.aided one day workshop on Interview Skill	06/02/2018	06/02/2018	182	42
Inter College	10/02/2018	10/02/2018	41	27

Training Programm on Digital marketing				
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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

1.From time to time, the college has taken various efforts to achieve this goal. These programmes have been funded through college funding. 2.An Eco-Club was founded to help the environment become more green. 3.In the hostel, a solar water heater has been built. 4.In the Botanical Garden, a windmill has been installed. 5.College architectural design is centred on the utilisation of natural lighting and ventilation to reduce the amount of energy used by bulbs and fans. 6.Awareness of energy conservation has been raised among staff and students. A symposium on BIODIVERSITY and NUCLEAR ENERGY had been planned. 7.Energy-saving notices/posters are posted at strategic locations throughout each department. 8.Energy-efficient lighting is used. 9.Lights, fans, computers, and laptops are only turned on when necessary. Where natural light is sufficient, lights are not turned on in class rooms and practical labs. When not in use, the current air conditioning, computers, printers, copiers, and other equipment are turned off. 10.Any leaking taps are dealt with as soon as possible. 11.Members of the students council and faculty have been assigned to prevent energy waste by ensuring that fans and lights are not turned on in unoccupied classrooms or laboratories. 12.Yes, rain water harvesting is installed in the Botanical Garden by constructing a small pond, and rain water is also used to recharge the boring to raise the level of ground water. 13.The Chemistry Department also collects rainwater and uses it as distilled water in the Chemistry Laboratory. 14.The activity is not carried out on campus, but check dams/boribandh, and a special dam for irrigation in hilly areas are built in the Dharampur district by the NSS unit. The Biology Department at the institution has created and maintains a lovely garden. The garden and tree plantings provide oxygen and help to lower carbon dioxide levels in the atmosphere. The Agronomy experimental farm and orchards garden and tree plantations ensure that the College site is carbon neutral. On both sides of the paper, printing is done. In both internal and external tests, we want students to begin writing their answers on the first page and to use all of the papers without avoiding lines. As a note-paper, old print papers are employed. Email/SMS is used to send departmental notices and information. Before printing, all documents are properly edited. Plastic usage is strongly discouraged. The college encourages students to ride their bikes or take public transportation. We have a day dedicated to this type of activity called No Vehicle Day. Parking for cars and scooters is available outside the colleges main gate. Blank paper from journal assignments and internal exam extra exams is reused as rough paper, reducing the consumption of blank paper. The employees and students of the college campus plant a large number of saplings. Every year on August 15th, the NSS unit collaborates with the Forest Department to hold

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	4
Ramp/Rails	Yes	4
Rest Rooms	Yes	680

7.1.4 – Inclusion and Situatedness

Year	Number of	Number of	Date	Duration	Name of	Issues	Number of
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	initiatives to address locational advantages and disadvantages	initiatives taken to engage with and contribute to local community			initiative	addressed	participating students and staff
2017	Nil	1	14/09/2017	1	Blind day Celebration	Social Service	61
2017	Nil	1	30/08/2017	1	Blood Donation	Samudayak Seva	44
2017	1	Nil	19/12/2017	1	Industrial Visit at "Sugar Factory Gandevi	Field Visit	162
2017	1	Nil	19/12/2017	1	Industrial Visit at "Vasundhara dairy, Alipore	Field Visit	162
2017	1	Nil	03/09/2017	1	Academic Visit at " Lavasa-Matheran Tour	Academic Visit	110
2017	Nil	1	25/06/2017	1	Anti Tobacco Rally	Health Awareness	48
2017	Nil	1	29/07/2017	1	Dental Camp	Health Awareness	96
2017	Nil	1	16/07/2017	1	Blood Donation Campaign	Social Awareness	102

[View File](#)

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

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

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Blood Donation Camp (33Units of Blood))	30/08/2017	30/08/2017	59
Celebration of "Blind Day"	14/09/2017	14/09/2017	57
International	21/06/2017	21/06/2017	170

Yoga Day Celebration			
Celebration of Voter Day	20/07/2017	20/07/2017	175
Anti Tobacco Rally	25/06/2017	25/06/2017	47
Blood Donation Campain	16/07/2017	16/07/2017	100
Tree Plantation	23/07/2017	23/07/2017	100
Kargil Vijay Divas	26/07/2017	26/07/2017	91
Dental Camp by NCC	29/07/2017	29/07/2017	94
Activity under Celebration of "Swachhta Pakhwada" Seminar on Swachhta Clening College Campus, Classroom ,Laboratory, Library, Toilets etc.	01/08/2017	15/08/2017	99
View File			

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

1. The college campus is a plastic-free zone, making it environmentally friendly. It is not permitted to set fire to dead leaves or trash papers. The leaves are buried in the ground, while the papers are discarded. The Plastic Free Zone Campaign has reduced the use of single-use plastics to a bare minimum. 2. The college hosts NSS camps on a regular basis to teach students and faculty about the importance of tree planting. 3. In college, medicinal plants have been planted. 4. The NSS Unit will raise environmental awareness and emphasise the importance of keeping the environment clean, green, and pollution-free. Swacch Bharat Abhiyan was organised by the NSS. 5. Proper trash disposal is taught in seminars and classes. 6. Campaigns to raise environmental awareness have been organised. 7. The Colleges green environment is partly attributable to tree planting. On campus, there are approximately 3000 trees of various types that we care for and maintain. Trees have virtually engulfed two-thirds of the campus grounds. They contribute to the preservation of the ecology.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-1 Title of The Practice- A Botanical Garden and Herbarium : Save Environment Save Lives.. Nature is the best teacher which has been proved by developing the nature and nurture its flora and fauna. It is necessary for human being to live a healthy life and that can be only done by keeping our environment clean. The nature gives us fresh and healthy atmosphere. We need to work in that area to make our environment more prosperous. Moreover, by planting such trees which helps to increase oxygen in the atmosphere helps us to make our life risk free and we can breath fresh air. There are many medicinal plants that helps us in many ways. By this we can say that if we save environment, the environment will save us. **OBJECTIVE OF THE PRACTICE:** The

objectives of the this Practice is -Proper use of land of the college.
-Maintaining the environment of the college by planting trees and bringing the students closer to nature -To protect various rare species of plants and trees.
-To develop and maintain the Garden as a living attraction for birds and animals. -To develop new areas of learning for botany and zoology students. -To

develop the park as an environment hotspot. -To establish research and medicinal center. -To bring Environmental awareness among visitors. -To grow saplings of rare plant species. -To conserve the disappearing species. -For water harvesting, develop farm ponds in Garden -To preserve herbarium sheets for different plants. THE CONTEXT: The institute owns huge area of fertile land. The botanical garden of the Institution has a variety of trees and rare plants. There are more than 12000 trees and more than 40 plants of medicine were enveloped in the campus by Ex. Prof. Dr. P. G. More., Ex.Prof.

Dr.R.M.Patel and Dr.T.G.Gohil, the Head of the Biology Department. The garden is maintained by the Institution. The Practice: The Institution has formed an Internal committee which maintain the garden with proper supervision by the help the of the gardener who is paid by the college. This committee works for making the college campus eco-friendly and brings awareness amongst students concerning environmental issues. The committee meets often and conducts Green Audit which consisting of waste Audit, Energy Audit, Tree plantation etc. and works out strategies for the improvement of garden. Preservation of more than 2000 herbarium sheets for plants identification purpose. Below is the list of

Medicinal Plants web-Link

https://www.bkmscience.com/uploads/document/document_4DN3ZBPX1650644153.pdf

Evidence of Success -Planting 12000 trees with 90 success ratio -Planning of Garden Maintenance by college. -Beautiful growth of trees. -Many birds have their nesting in the Garden. -Many Students of various schools visit botanical Garden. Problems Encountered and Resources Required -Land leveling and removal of the weeds and old trees Solution: With the help of latest machinery, we have kept the garden clean. -Plantation in large area Solution: With the cooperation of the District forest department, the institution has achieved the huge environmental success. -Growth of plants in summer Solution: By taking help from the pond water, the sprinkler technique has been used for the growth of the plants. Full time gardeners are looking after the gardens. As a result, there can be seen 90 success ratio. Resources needed -Financial Assistance from

Management -Forest Department -Botany Department -Huge amount of Water -Fertilizers and Pesticides -Gardening Equipments BEST PRACTICE-2 Title of The Practice- Women Development Cell The Women Development Cell (WDC) in our college is established to empower girl students and staff and to enhance their understanding of issues related to women in the society and to face the challenges with great courage. The goal of the cell is to make the college campus a safe place for girl students and women faculty members. This cell creates a feel in them that our college campus is a haven and there by empower them through guest lectures, seminars, workshops, various awareness programs and other welfare activities. OBJECTIVE OF THE PRACTICE: The objectives of the this Practice is -To promote general well-being of female students and teaching non-teaching women staff of the College. -To create awareness about health and hygiene among girl students. -To create social awareness about the problems of women in general and gender discrimination in particular and their overall development as well as for the encouragement of self- reliance among them by means of programs like lecture, workshops and seminars for To develop skills among the -To create legal awareness among women by informing Women Welfare Laws. -To create awareness of women's rights and their roles in the society.

-To encourage participations of NGO's working in the area of women's development in the activities of the Cell. THE CONTEXT: Woman, Empowerment Cell in new Horizon College strives to maintain and augment the girls to come forward to talk about women related issues and tries to sensitize that youth about gender reality as the goal to emancipate and empower women. Focus of the

Cell is to eliminate the discrimination and all forms of violence against women and girl child in Indian society. With a view of taking up women's issue and problems, the Cell aims at creating awareness of their rights and duties. It also provides platform for girls and women to share their experiences and views regarding their status in the society and to suggest ways to improve and empower themselves. Aiming at intellectual and social upliftment of the female students, the Cell stands for facilitating women's empowerment through guest lectures and other meaningful activities. The Practice: In order to meet such aims and activities, the college has formed the committee consisting of teaching, non teaching and student as a member. Moreover the different activities were carried out by the committee member which is as follow: Table of Activity No. Seminar /Workshop Date Speaker Number of Student

1	Fitness and Self Defence Programm	31.01.2018	Mr. Dharmesh Kokani	Mr. Nilesh Bhoja	50
2	Lecture on Skin care , Health care and Immunity	02.02.2018	Dr. Minaxi Seth		100

EVIDENCE OF SUCCESS Through such activities the girls have become more aware about their own defense and they can make themselves more powerful and fearless. The college has made the program successful with the help of the committee members.

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

https://www.bkmscience.com/uploads/document/document_W25m2Hgh1650885696.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

It is important in the present time to be with the advancement and to achieve it the development of the institution is the first and foremost aspect which lead to the creation of the competent citizens of the future. With this view our college has its own mission which focuses on to function uniquely, innovatively and distinctively in terms of academic development, infrastructure development, providing resources and so on. Our college has a large number of students coming from the surrounding villages of the city among them most of the students from rural areas poor background. A person can't be judged by their background, keeping this in mind the institution always foster to get the education on equal base. For that it provides different opportunities in different fields like sports, NCC, NSS etc. In terms of academic development of the students, each department arrange lecture series, student enrichment programs, seminars, conferences, workshops, training program etc every year at the institution. The main aim is to mould the students for future. In accordance with wide mission, students get an opportunity to participate in curricular, extracurricular and extension activities very actively. Through the NSS, NCC, UDISHA, Women Development Cell, Sports activities, the students get a platform to develop their academic as well as professional, cultural, social consciousness, alertness and responsiveness attitudes. The college organizes the women empowerment programs like self defense training, health awareness program etc. to enable them to be confident enough to face the battle of life. Moreover, various eminent woman personalities are being invited for the guidance on several issues. Special health related Seminars, work shop were organized and health check up camps have been organized to overcome the health issues. By getting much exposure from the institution our students have proved themselves effectively in the society by serving themselves in civil services. In addition, the department of physical Education had always encouraged the students to participate in different sports like cricket, Kho Kho, Chess, Volley ball, badminton etc. In this field, our students have performed very well at different level tournaments like university level, and zone level that made the college proud. Further, to maintain the forum of Indian culture, the

institution is motivating the students to participate in the cultural events and provide them proper them proper and sufficient background, too.

Provide the weblink of the institution

https://www.bkmscience.com/uploads/document/document_cSIrAJdx1652512177.pdf

8.Future Plans of Actions for Next Academic Year

1. To arrange state/ National level Seminar/ Conference by College. 2. To visit Industry and arrange Campus interview for better placement. 3. To take students to educational tours: The departments should continue to arrange educational tours for the students 4. To arrange activity of blood donation by NSS and NCC 5. To motivate PG student regarding NET/SLET examination. 6. To arrange Lecture on Career counseling , placement ,Training for developing Soft Skills and Motivational activities to develop student's overall personality 7. To maintain Botanical Garden and other gardens in Campus. 8. To arrange a lecture series in each department. 9. Motivate students and staff to do research activity. 10.To arrange environmental consciousness and sustainability programme like tree plantation, Awareness about cleaning etc. 11. To organize Sports Events. 12. To arrange fitness programme and self defence training.