Yearly Status Report - 2018-2019

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_EF8Y26oQ1651645428.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_31WC54tA1647860711.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	**B**	**70.50**	**2004**	**03-Dec-2004**	**02-Dec-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	22-Jun-2018 90	17
Regular meeting of IQAC is Arranged	30-Nov-2018 95	14
Feedback from Students	02-Apr-2019 15	180
Feedback from Parents	02-Apr-2019 15	139
Ananlysis of Student	22-May-2019 5	319
National Level Seminar on Atomic Energy for Improving Quality of Human Life	19-Dec-2018 1	187
Workshop on Curriculum Farming of Botany Subject	07-Mar-2019 1	22
Workshop on Candle Making	05-Sep-2018 3	72
Workshop on Incense Stick	23-Jan-2019 3	78
Finishing School	30-Sep-2018 11	50
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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	RUSA	KCG Gujarat	2018 365	10000000
Govt. of Gujarat	National Seminar	GUJCOST	2018 365	40000
Govt. of Gujarat	Salary Grant	Education department govt. of Gujarat	2018 365	88522353
Govt. of Gujarat	NSS	Education department govt. of Gujarat	2018 365	133782
Govt. of Gujarat	Udisha , Placement	Education of department	2018 365	10181
Govt. of Gujarat	Saptdhara	Education department	2018 365	40000

		govt. of Gujarat		
Govt. of Gujarat	Scholarship	Education department govt. of Gujarat	2018 365	10465838
Govt. of Gujarat	Finishing School	KCG Gujarat	2018 365	500000
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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 :	**2**
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

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

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

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

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

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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 organize Campus Interview , Training Program ,workshop for overall development of students	Udisha Cell , Woman Development Cell organized Seminar,Workshop, training Program, Campus Interview
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 256 students were benefited
Academic calendar teaching plan for session 201819	Execution for academic activity with good academic achievement
Enrich library by adding new reference books/journals/periodicals	Reputed research journals, reference books were added to the library.
To organize various seminars, workshops, Conferences	Physics department, organised National seminars while Chemistry department and biology department organized workshops,
To arrange series of lectures in various subjects.	Lectures were organised by Chemistry , Maths & Physics Department as under.
Enhance research environment by promoting research activity of teachers	During this year three students completed Ph.D degree course.
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
Submission of the data of All India Survey of Higher Education(AISHE)	Data of AISHE 2018-19 successfully uploaded & certificate received.
To organise sports events, NCC & NSS activities.	Sports events, NCC & NSS activities were organised by the respective units.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
Shree Nootan Kelavni Mandal	22-Jun-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No

16. Whether institutional data submitted to AISHE:	Yes

Year of Submission	2019

Date of Submission	15-Jan-2019

17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The College has a well designed management information system in place to keep track of several sectors of the college. Since 2009, the College has used the tally accounting software to keep track of financial transaction details. For the academic year 20182019, an online admissions system has been implemented. SOUL software version 2.0.0.12 powers the library administration information system. The institutional data entry repository, which allows users to search, issue, and return books, is managed by the library staff. Smart cards, which are given to both students and faculty members, are used to access this information.Through the INFLIBNET nList, we have access to ebooks and ejournals. All students in the Biology department, from F.Y. B.Sc. to M.Sc., have access to a computerised practical selfstudy centre. Maths type and Winedt latex software are used in the Mathematics department for teaching 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

The Veer Narmad South Gujarat University, Suart, Gujarat, is connected with B.K.M Science College, Valsad, and follows the university's curriculum. Every year, the college develops a strategy to guarantee that the curriculum is adequately executed. The highlights of the roadmap are described below. Prior to the beginning of the academic year, IQAC creates a yearly academic calendar based on the University calendar, outlining available dates for significant activities in order to ensure a healthy teaching-learning process and continuous evaluation. This information is available on the bulletin board. Each department holds a meeting at the start of each academic year to discuss the academic calendar. The practical and theoretical syllabus is assigned by the department chair. Every department develops a teaching plan that assigns topics to be covered each semester. During the academic year, students are provided a syllabus for each course. The timetable committee, which is formed prior to the commencement of the academic year, specifies when theory and practical lessons will take place. Theoretical and practical subjects will be taught using both traditional and sophisticated teaching methods. Instruction is linked with the use of ICT to make the teaching-learning process more learner-centric. ICT, computers, and well-equipped laboratory facilities, among other things, can help students improve their performance. Assignments, Viva-

Voce in practical teaching, seminars, workshops, special lectures by notable academics, educational tours, field trips, and industrial visits are all used to supplement classroom instruction. All of this is done in a methodical manner, with appropriate departments keeping records. All students have the same educational opportunities. Students who are behind in class are encouraged to enroll in remedial classes. The college library provides professors with the resources they need to properly present curriculum. In addition to books and scientific publications, the college library has computers with internet connection, INFLIBNET N-LIST, SOUL-2.0.0.12. The availability of e-books and periodicals improves students' learning capacity. The English Department makes a concerted effort to assist students in improving their communication skills. The college features a NET/SET cell that offers NET/SET examination tutoring. Faculty members have access to INFLIBINET, which provides full-text e-books and e-journals to them. The English Department makes a concerted effort to assist students in improving their communication skills. Faculty members have access to INFLIBINET, which provides full-text electronic books and journals. Aside from the main library, certain departments have built departmental libraries to assist students in gaining a deeper understanding. Internal exams, such as class tests, mid-term assessments, and so on, are used to see if students have learnt the material in accordance with the curriculum's goals. Exams are scheduled according to the academic calendar on a regular basis. Each subject's assignments are sent to all students prior to the internal exams. Remedial classes are available for lethargic students. Regular attendance, mark lists, and student growth are kept and retained by the representative departments. The educational programme here aims to give students with a strong foundation in their core subjects, as well as the necessary skills and moral principles for personal achievement and meaningful participation 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
Nill	NIL	Nill
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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	12/06/2018
BSc	Biology	12/06/2018
BSc	Physics	12/06/2018
BSc	Mathematics	12/06/2018
MSc	Chemistry	12/06/2018
MSc	Botany	12/06/2018
MSc	Mathematics (Self Finance)	12/06/2018

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
International Yoga Day Celebration	21/06/2018	58
International Yoga Day Celebration	21/06/2018	74
Anti Tobacco Rally	25/06/2018	52
Seminar on Awareness about Aviation, Hospitality and Tour Management	29/08/2018	81
Lecture on How to face Interview	05/11/2018	85
Lecture on Skill Management	11/12/2018	84
Lecture on Which Type of People Require in The Industry	28/12/2018	84
Seminar on Mind Power	05/01/2019	50
Seminar on carrier Guidence	09/01/2019	43
seminar on Empowering of Student's Skill by Positive Attitude and Interpersonal Skill	10/01/2019	119
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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,Industrial Visit at Sugar Factory Gandevi	157
BSc	Chemistry, Industrial Visit to Vasudhara Dairy , Alipor	157
BSc	Chemistry,Industrial Visit at Mapro Food Park Mahabaleshwer	138
BRSc	Physics,Visit at BARC Mumbai,IIG Trobe &Tarapur Atomic Power Station	50
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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)

Feedback Obtained
There are five different types of feedback in our system. 1. Feedback from students Teachers provide feedback to their students. Feedback (Teaching and Learning Process) - This feedback includes teaching and learning procedures, punctuality, communication skills, student approach, and the interchange of new ideas, among other things. We value teachers creativity, the use of ICT in teaching methods, interactive teaching, and student participation in the learning process. The input of individual teachers is gathered and analyzed. The results of the analysis are sent to the institutions head, IQAC, and management members for correction, and subsequently to each individual instructor for further development. 2. Feedback from the parents Parents feedback is based on their observations of their childrens overall development and the colleges learning environment, as well as their efforts to instill value-based education in their children.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
MSc	Mathematics(Sem-I & II)	43	43	43
MSc	Botany(Sem-I&II)	20	20	20
MSc	Chemistry(Sem-I&II)	41	41	41
BSc	Chemistry, Biology, Mathematics, Physics	450	381	381
PhD or DPhil	Botany	2	2	2

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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	Number of fulltime teachers available in the institution teaching only PG	Number of teachers teaching both UG and PG courses

			courses	courses	
2018	1224	231	40	0	31

2.3 – Teaching - Learning Process

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

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
42	41	4	4	0	41
[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)

Formal mentoring system is yet to be implemented in all departments of the college. However, the faculty members maintain close rapport with the students (especially the students from the major course) and assist them in various aspects pertaining to their career and personal issues. The Academic tours and field works that are carried on in some of the departments is a good opportunity for the students and the faculty members for developing good personal bonds as good of time is spent together during travelling and overnight stays in outstation places. The close bonding between the teachers and the taught also gets developed through a variety of co curricular and extracurricular activities in different departments, This way, faculty members get to know about their personal traits and also the opportunity to perform the role as their informal mentors. However, a few departments like physics, chemistry and statistics has been implementing the formal mentoring practice, primarily for the major course students. • To keep a track of performance students, college conduct internal test following the schedule prepared by the principal. Apart from the test, practice assignments are also to give to the students. All teacher maintains attendance sheet. • All teacher maintains a record of attendance sheet, assignments, performance test. • Teachers conduct remedial classes for slow learners. Need based remedial classes have proved to be beneficial to the students. • All teachers guide the students in conducting co curricular and extracurricular activities. • Mentoring enhances students' academic performance and attendance and also helped our students to organize and execute co curricular activities, learn to solve problems in real life situations. • Helped to mould the personality of the students. • Advanced learners identified and encouraged with incentive prizes.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
1455	40	1:36

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
40	40	2	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
2018	NIL	Nill	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
BSc	001	6	24/04/2019	21/05/2019
MSc	002	4	24/04/2019	21/06/2019
MSc	002	4	24/04/2019	12/06/2019
MSc	002	4	24/04/2019	04/06/2019

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

Being affiliated to Veer Narmad South Gujarat University Surat, the college follows the Internal evaluation structure as recommended by the university. At present, semester system for all levels and all faculties has been implemented by the university. Keeping in view the need for continuous formative assessment of the students, the college initiated the following measures: •Centralized Internal Examination system is followed for smooth working and transparency. • Each year, the college constitutes an examination committee to ensure effective implementation of all activities related to internal and external examinations and assessments. • Home assignments, seminars, general behavior and attendance are taken into consideration while awarding internal scores to the students. For the students of science faculty, journal keeping of the practical sessions is also considered for continuous assessment. • Grievances in Internal Exam, if any, are resolved through interaction. • Retest is conducted for those students who remain absent during the internal examinations owing to their participation in NCC, NSS, Sports, or other camps as to facilitate continuation of their studies without hindrance. • The results of the internal examinations are declared a week, enabling the students to raise any grievance and get it resolved before the marks are finally submitted to the university. In addition to the internal test, for continuous internal evaluation of the students, Practical Viva-Voce, assignments and seminars are introduced. Students are encouraged to participate in Quiz contests, Poster competitions and conferences. Remedial classes are conducted for the slow learners, long absentees and the students who participated in Sports, NSS, NCC, Saptdhara activities etc. The college has also set an eligibility criteria for students to take up the internal exams. Students complaints are often communicated to institutional and department authorities. They have their own technique for acquiring data in a discrete manner, whether directly or indirectly. The principle has a separate suggestion box that he checks on a regular basis. Students have complete freedom of expression. As a result, were learning a lot about the strengths and shortcomings of the teachers. A concerned educator is recommended in this circumstance. This is a non-formal way of internal evaluation that is regularly employed. CC cameras are used to keep track of both personnel and students actions. Infrastructure evaluations are also done on a regular basis by students. On a regular basis, internal reviews of fundamental amenities are carried out. The complaints of students are addressed by the appropriate authorities. Students are provided an IQAC-created feedback format that includes all of the details concerning a teachers performance. The information obtained is compiled, evaluated, and analyzed by the committee. Actions are being done to correct the situation. Concerned faculties are individually contacted and confidentially informed of the outcomes of the internal examination. At any time, students are free to contact the HOD, mentor, or principle.

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

Veer Narmad the college is affiliated with South Gujarat University in Surat. Every year, we develop an Academic Calendar based on the Universitys calendar. The heads of all departments meet with the relevant departmental faculty members at the start of each academic year. Teaching faculties are assigned based on exams, assignments, and other forms of evaluation. The meeting goes over the academic years draught plan, which includes, among other things, 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 people. The leaders of all departments review the development of the problem on a regular basis and take appropriate measures.

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_4uDnl6ZZ1652879538.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	40	37	93
002	MSc	Botany	19	18	95
002	MSc	Chemistry	39	37	95
001	BSc	Physics	72	67	93
001	BSc	Mathematics	65	62	95
001	BSc	Botany	39	39	100
001	BSc	Chemistry	257	217	84
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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_lZ7UK0MK1652516322.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 Interview Skills	B. K. M.Science College, Valsad	01/02/2019
National Level Seminar on Atomic Energy for Improving Quality of Human Life	Physics	19/12/2018
Workshop on Curriculum Farming of Botany Subject	Biology	07/03/2019
Workshop on Candle Making	Chemistry	05/09/2018
Workshop on Incense Stick	Chemistry	23/01/2019
Seminar on Resume writing and Interview Etiquette	B. K. M.Science College, Valsad	08/08/2018
seminar on Student Startup and Innovation Policy- Finance Utilization Guidance	B. K. M.Science College, Valsad	10/08/2018
seminar on Awareness about Aviation, Hospitality and Tour Management	B. K. M.Science College, Valsad	29/08/2018
seminar on Empowering of Student's Skill by Positive Attitude and Interpersonal Skill	B. K. M.Science College, Valsad	10/01/2019
K. C. G. aided program on Placement Fair Training	B. K. M.Science College, Valsad	23/01/2019

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	Nill	NIL
No file uploaded.				

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	Nill
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

Chemistry	1
Biology	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	5	3
International	Biology	2	5
National	Chemistry	1	7
National	Biology	1	6

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

Department	Number of Publication
Chemistry	1
Biology	3

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
NIL	NIL	NIL	Nill	Nill	NIL	Nill

No file uploaded.

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
A study of Evolution of Immunomodulatory Influence In Catla-Catla	Dr. Navin K. Gupte	International Journal of Advances in Arts,Science and Engineering	Nill	0	0	B. K. M. Science College, Valsad
To study the effect of Micro organisms on Solanaceae, Apiaceae and Fabaceae family to	Dr. B. T. Shah	International Journal for research in applied science and Engineering Technology(IJR	2019	0	0	B. K. M. Science College, Valsad

stimulate germination of seeds		ASET)				
Pollen Morphology Of Some Invasive Plants In And Around Bardoli, South Gujarat, India.	Dr. T.G. Gohil	Journal Of Applied Science And Computations	2019	0	0	B. K. M. Science College, Valsad
Inhibitory Properties of N,N-Diethylaniline for Zinc in sulphuric acid Solution	Dr.Sanjay A. Zele	International Journal of Green and Herbal Chemistry	2019	0	0	B. K. M. Science College, Valsad
o-Toluidine as corrosion inhibitor for zinc in Sulphuric Acid Medium	Dr.Sanjay A. Zele	International Journal of Innovative research in Science, Engineering Technology	2019	0	0	B. K. M. Science College, Valsad
Synthesis and Biological Significance of Some Novel Isoxazoline Derivatives	Dr.Vikas A. Desai	World Journal of Pharmaceutical Research	2018	0	0	B. K. M. Science College, Valsad
A facile synthesis and antibacterial screening of some new 4- Thiazolidinone derivatives	Dr.Vikas A. Desai	Journal of Applied Chemistry. ISRO	2018	0	0	B. K. M. Science College, Valsad
Synthesis characterization and	Dr.Vikas A. Desai	Heterocyclic Letters	2018	0	1	B. K. M. Science College, Valsad

biological evolution of various novel heterocyclic compounds of hydantoin and piperazine ,						
o-Toluidine as corrosion inhibitor for zinc in Sulphuric Acid Medium	Dr.Sanjay A. Zele	International Journal of Innovative research in Science, Engineering Technology	2019	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	1	38	4	7
Presented papers	1	2	0	1
Resource persons	0	1	0	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	NCC	1	58
Anti Tobacco Rally	NCC	1	52
Blood Donation Camp	NCC	1	53
Tree Plantation Programme	NCC	1	67
Kargil Vijay Diwas	NCC	1	86
Dental Camp	NCC	1	100
Independence Day	NCC	1	106

Swachh Bharat Abhiyan	NCC	1	106
Gandhi Jayanti	NCC	1	90
Clean India—Green India	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 Poster Debate Competition (Second Winner)	Govt. of Gujarat (Celebration of state level NSS Day at Bhuj)	1
Cultural	Rainy Song 3 rd Prize	P.Shrof Arts College, Valsad	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 activites	Number of students participated in such activites
Swachh Bharat	NCC	Swachh Bharat Abhiyan	1	106
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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 linkage	Name of the partnering institution/industry/research lab with contact details	Duration From	Duration To	Participant
NIL	NIL	NIL	Nill	Nill	Nill
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	Nill	NIL	Nill
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CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
221.47	127.68

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
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Others	Existing
Others	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Seminar halls with ICT facilities	Existing
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4.2 – Library as a Learning Resource

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

Name of the ILMS 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	16552	2461894	244	108527	16796	2570421
e-Books	1000	0	0	0	1000	0
Journals	576	542544	13	30950	589	573494
CD & Video	81	1460	0	0	81	1460
Others(specify)	71	112955	3	26387	74	139342

Others(specify)	1030	0	0	0	1030	0
Others(specify)	3	68570	0	0	3	68570
Others(specify)	1	7443	0	0	1	7443
Others(specify)	12	0	0	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	Nill

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	Nill

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 incurredon maintenance of physical facilites
127.72	107.3	93.75	20.38

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

The 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_yijlmtYD1652512469.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	Prof. Nagarji Desai Matru Vandana Merit Scholarship and Prof. Nagarji Desai Matru Vandana Financial Support and Financial Support form Lilavati Bhagvandas Maheta Educatin Trust, Mumbai	34	74300
Financial Support from Other Sources			
a) National	Govt. ST, SC, SEBC, Scholarship	1121	10465838

b)International	NIL	0	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 implemetation	Number of students enrolled	Agencies involved
Lecture on Skill Management	11/12/2018	84	Dr. Shailesh Prajapati Valsad
Lecture on How to face Interview	05/11/2018	85	Shri Daval Pancholi HR, Maril Group, Vapi
seminar on Student Startup and Innovation Policy- Finance Utilization Guidance	10/08/2018	106	Dr. Bhadresh Sudani Govt. DegreebEng. College, Valsad
Seminar on Resume writing and Interview Etiquette	08/08/2018	105	DR. Vishal Mali Professor, Naranlala college navsari
International Yoga Day	21/06/2018	132	NSS NCC
seminar on Empowering of Student's Skill by Positive Attitude and Interpersonal Skill	10/01/2019	119	DR. Vishal Mali Professor, Naranlala college navsari
Seminar on carrier Guidence	09/01/2019	43	Dr. Sanjay Gupta R.H.Patel Eng. Medium, B.Ed College Sarva Vidhyalaya Campus, Gandhinagar-382023
Seminar on Mind Power	05/01/2019	50	Dr. Chaval Shah Mind Power Trainer , Motivational Speaker
Lecture on Which Type of People Require in The Industry	28/12/2018	84	Shri Jitendra Thakor Manager, Huber Group, Vapi

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed

2018	SCOPE	106	106	95	0
2018	NET coaching (Chemistry)	75	75	1	0
2018	SET Coaching (Chemistry)	75	75	3	0

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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		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Umedica Laboratories Pvt. Ltd.,Vapi , Reliance Insttries Ltd.Jamnagar Manufacturing Division andMaga Placement Fair	159	7	Fosroc Chemicals pvt. Ltd. and Aarti Industries Ltd	19	2

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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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	129	B.Sc.	Chemistry	Various Colleges	Further Study
2018	38	B.Sc.	Botany	Various Colleges	Further Study
2018	43	B.Sc.	Mathematics	Various Colleges	Further Study
2018	84	B.Sc	Physics	Various Colleges	Further Study

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

Items	Number of students selected/ qualifying
NET	1
SET	3
Any Other	1
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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
Table Tannis	Inter College (College Level)	80
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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/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NIL	Nill	Nill	Nill	Nill	NIL
No file uploaded.						

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

The college has had a College Student Council from its inception, which has been actively involved in the institutions academic and extracurricular activities. On a number of academic and extracurricular committees, it has active and creative representation. The Associations class representatives and office bearers are chosen from each classs top pupils. They are enthusiastically active in all aspects of the institutions functioning, and their concerns are promptly addressed. The stakeholders have successfully transformed the Council into a highly significant platform by implementing the institutions goal and vision. It is a source of pleasure that all academic and administrative activities are exceptionally student-friendly. It also acts as a bridge between the classroom and the outside world. The Council has been a vital part of the regular academic and administrative decisions as follows, thanks to the involvement of students. 1. Events of a cultural and sporting nature. Meetings are attended by all students and their representatives, and their proposals are implemented in the organizations events. 2. College Student Counseling. It is crucial to emphasise that a student member of the College Student Counsel has complete rights to speak in meetings related to the institutions developmental activities, according to departmental norms. 3. IQAC is the third item on the list. Students are members of IQAC, and they are welcome to present any academic or administrative matters 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)

The institutions governance and management are overseen by Mandals governing authority. The Managerial Body and Executive Committee of the management, as well as the Principal, support the current operation of the Institution administration. By participating in personal relationships with employees during meetings, management encourages them to give their all in their teaching obligations. The authority of management and executive members are always accessible to assist us in the Institutes overall development. They promote and approve funds for the colleges numerous development initiatives. They also give freely in the form of awards and recognition to qualifying applicant The college pursues decentralisation and democratic administration by organising Institution level committees and delegating work to varied committee members. Each committee is led by a convener and a few members under the Principals presidency. The roles and responsibilities of the committees are outlined in the guidelines that come with the official notice. IQAC is in charge of developing, monitoring, and evaluating policies and plans. The Principal, Vice Principal, Faculty In Charges, HODs, Administrative Coordinator, and numerous committees collaborate to implement the strategies and policies. Staff members that assist with the implementation of institutional operations are motivated, and superiors reward good performance. The committees create action plans, which are then submitted to the principal for approvals. The activities are carried out by the committees, and the conveners submit work reports to the institutions head at the end of the academic year. Co-curricular and extracurricular activities are also carried out by student representatives. Students and stakeholders feedback is included into the plans and policies to improve them. The Principal creates numerous committees at the start of each school year. These committees include the IQAC Admission Committee, the Time-Table Committee, the Library Committee, and the Grievance Redressed Committee. Saptdhara Career Guidance Centre Women Development Cell NSS NCC Science Society Cultural Committee Sports Committee Examination Committee Finance Committee Research Committee Saptdhara Career Guidance Centre Women Development Cell NSS NCC Science Society Saptdhara Career Guidance Centre Women Development Cell NSS NCC Science Society Saptdhara Career Guidance Centre Women Development Cell NSS NCC Science Society Saptdhara Career Guidance Centre Women Development Cell NSS NCC Science Society Sap. The entire exam procedure is open to the public and involves nearly the entire crew. Purchases of instruments and literature are made. At the start of each year, the Principal and the Management Advisory Committee deliberate on a variety of programmes and budgetary matters. The principal calls a meeting of all HODs, at which a budget allocation for each department is set, with unanimous assent, under headings such as instrument purchases, books, and so on. The Heads are still discussing it with their respective staffs. The laboratory staff also helps to compile a priority-based list of requirements for the future year. The procurement committee receives the lists from each department. For various items, this committee solicits at least three bids, with the best vendor being picked based on quality and after-sales service. Similarly, the book procurement process is decentralized and participative. Various book publishers and merchants are given the opportunity

to display their wares, and all teachers are encouraged to choose appropriate titles, which are then approved by the appropriate 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
Human Resource Management	The management and principal of the Institute encourage faculty, staff, and students to participate in self-development programs. Teaching faculty are encouraged to conduct research, attend and present papers at seminars, participate in industry interaction and workshops, and engage in any other activity that would help the Institute improve its quality. When positions go unfilled, management appoints adhoc staff to keep instruction running smoothly. Human resources are maintained and supported at all levels, including academic, administrative, and financial.
Industry Interaction / Collaboration	The institute is responsible for academics, research, culture, campus interviews, industrial visits, and other activities. Institutes and businesses also host seminars, workshops, faculty exchanges, and student exchange programs.
Admission of Students	The Institute is affiliated with V.N.S.G. University, and admission is centralized at university level for the first-year undergraduate and post graduate programmes is totally online and merit-based. The entire V.N.S.G. University B.Sc. and M.Sc. semester I admissions process has been entrusted to our Principal. The semester I entrance brochure includes all of the course combinations as well as other admissions information. Second-year, semester III admissions are merit-based, with the number of seats available determined by the number of seats given in each group.BKM Science College has made an effort to make commuting easier for students by providing low-cost ST bus services. We also provide very low-cost student rail passes. The majority of our students come from local and distant locations like as Pardi, Vapi, Sanjan, and Umargoan, and travel can be expensive.

	As a result, we provide cheap train and bus passes to our customers in order to aid and expedite their journey. The library issues passes, and we see a big number of students taking use of this facility. The ST Bus and Railway pass programs are used by a huge number of students each year. So were ecstatic that weve been able to help so many worthy students by alleviating their financial concerns, allowing them to concentrate on their academics. We can make studying more pleasurable for them and help them achieve their goals by doing so.
Curriculum Development	V.N.S.G. University is affiliated with the Institute, and faculty members serve on several Boards of Studies. They participate actively in curriculum creation and, before doing so, seek comments from their peers. When assessing employability, industry suggestions are also taken into account.
Teaching and Learning	In all courses, the institute has enough employees that are experts in their disciplines. In the required class room, we have an LCD that the teacher uses to communicate more effectively. ICT is used by the majority of instructors in their classrooms.
Examination and Evaluation	Examination carried out as per the rules of V.N.S.G. University, Surat. Attendance and assignments, as well as ongoing class evaluations, seminars, quizzes, and other activities, account for the remaining internal scores. Students are informed in advance of all exam procedures and timetables. Internal grades are posted on the departmental bulletin board, and students are given a set amount of time to report any discrepancies. Any evaluation concerns are handled at the departmental level. Internal evaluation is a well-defined and dependable procedure.
Research and Development	Although the college is primarily a UG and PG institution, the IQAC and research committee encourage staff and students to conduct research and share their findings at various seminars and symposia. Some lecturers receive financial help in order to attend conferences and give papers. As

	partners, a number of prominent research organizations have been created. The library is connected to INFLIBNET, a database of thousands of books and articles
Library, ICT and Physical Infrastructure / Instrumentation	B. K. M.Science College,Valsad provides sufficient hostel housing for scheduled castes, scheduled tribes, and economically underprivileged classes within the institute grounds. On campus, there are well-built hostel blocks for both girls and boys. Hostel N is made comprised of the mess, administrative office, and warden quarters. Apart from well-appointed rooms. The hostel rooms are given out on a first-come, first-served basis.

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

E-governace area	Details
Administration	The institutions administrative office is completely atomized, with Office Management Software in charge of all activities.
Finance and Accounts	To keep track of all financial and accounting data, Tally ERP.9 software is used. The accounts were audited by C.A.
Student Admission and Support	The college is affiliated with V. N. S. G. University, Surat and admission is centralized at university level and offers online admission for Semester I. Students fill out their applications online, and their grades are immediately calculated. The Institute makes other semester admissions on a merit basis. All external results are hosted on the v.n.s.g.u website. The Institutes activities are also publicized on social media.
Examination	Internally, according to VNSGU norms, and externally, by the university, the students are evaluated. The internal grades are provided to the institution and the results are made available online, despite the fact that the examination is not administered 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

2018	38	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)
2018	NIL	NIL	Nill	Nill	Nill	Nill

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
FDP on "Achiving Learning Out Comes :How And Why?"	2	13/03/2019	19/03/2019	7

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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)

Management uses internal and regulatory audits to maintain track of the funds. The internal auditor examines the income and expenditures. The statutory auditor is in charge of the final statement of spending and utilisation certifications. Internal audits occur twice a year, with the final audit occurring at the end of the fiscal year. A respectable chartered accounting company will conduct the audits. Management examines the audited statement and returns it to the Institute with any suggestions. APRIL 2016 marked the end of the most current audit. The audit was not met with any opposition.

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	Funds/ Grnats received in Rs.	Purpose

funding agencies /individuals		
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	No	Nill	Yes	IQAC
Administrative	No	Nill	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. A Lecture arranged on "Advances on Digital Electronics " and " Intorduction and application of Spectroscopy" under Inter college lecture series. 2.Arranded Workshop on " Incense Stick " 3.Arranged National Level Seminar on "Atomic Energy for Improving Quality of Human Life " 4.Arranged Classes on "Spoken English".5. Arranged Seminar on interview Skill and placement Training.

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	Finishing School	30/11/2018	29/09/2018	09/10/2018	50
2018	Finishing School	30/11/2018	01/12/2018	11/12/2018	50
2018	Finishing School	30/11/2018	11/12/2018	21/12/2018	50
2018	Finishing School	30/11/2018	30/09/2018	10/10/2018	50
2019	seminar on Empowering of Student's Skill by Positive	30/11/2018	10/01/2019	10/01/2019	119

2018	Workshop on Candle Making	30/11/2018	05/09/2018	07/09/2018	72
2019	Workshop on Incense Stick	30/11/2018	23/01/2019	25/01/2019	78
2019	K. C. G. aided program on Placement Fair Training	30/11/2018	23/01/2019	23/01/2019	161
2018	National Level Seminar on Atomic Energy for Improving Quality of Human Life	30/11/2018	19/12/2019	19/12/2019	187
2019	Lecture on Law relating to Woman Protection	30/11/2018	24/01/2019	24/01/2019	105
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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
Blood Donation Campaign	15/07/2018	15/07/2018	26	27
Dental camp	29/07/2018	29/07/2018	54	46
Lecture on 'Scientific Thanking	31/07/2018	31/07/2018	121	42
Seminar on " Resume writing and Interview Etiquette"	08/08/2018	08/08/2018	85	20
Seminar on " Student Startup and Innovation Policy- Finance Utilization	10/08/2018	10/08/2018	90	16

Guidance "				
Seminar on " Awareness about Aviation, Hospitality and Tour Management"	29/08/2018	29/08/2018	55	26
Blood Donation Camp 26 Units Blood Donated	30/08/2018	30/08/2018	29	15
Workshop on " Candle Making"	05/09/2018	07/09/2018	36	36
National Level Seminar on "Atomic Energy for Improving Quality of Human Life "	19/12/2018	19/12/2018	77	110
BARC EXHIBITION PROGRAMME	23/12/2018	23/12/2018	46	55
Lecture on " Which Type of People Require in The Industry"	28/12/2018	28/12/2018	54	30
Seminar on "Mind Power"	05/01/2019	05/01/2019	36	14
Industrial Visit at "Sugar Factory" Gandevi	08/01/2019	08/01/2019	118	39
Industrial Visit at " Vasundhara dairy" Alipore	08/01/2019	08/01/2019	118	39
Visit at " BARC Mumbai,IIG Trobe & Tarapur Atomic Power Station"	08/01/2019	10/01/2019	24	26
Seminar on "carrier Guidence"	09/01/2019	09/01/2019	37	6
seminar on "Empowering of Student's Skill by Positive Attitude and Interpersonal Skill "	10/01/2019	10/01/2019	100	19

National Youth Day -Digital India	11/01/2019	11/01/2019	44	53
Self defence training programme	22/01/2019	22/01/2019	75	0
K. C. G. aided program on " Placement Fair Training "	23/01/2019	23/01/2019	136	25
Lecture on " Law relating to Woman Protection"	24/01/2019	24/01/2019	105	0
Workshop on " Incense Stick "	23/01/2019	25/01/2019	56	22
Celebration of "VOTER DAY "	25/01/2019	25/01/2019	43	26
Industrial Visit at " Mapro Food Park" Mahabaleshwer	28/01/2019	30/01/2019	71	67
Seminar on "Interview Skills"	01/02/2019	01/02/2019	81	19
Classes on "Spoken English"	04/02/2019	22/02/2019	24	2
Annual Camping at Primary Vidhyamandir Jaspore .At-Jaspore	04/02/2019	10/02/2019	69	79
"Mega Placement Fair"	07/02/2019	07/02/2019	48	25
Lecture on "EVM Nidarshan"	02/03/2019	02/03/2019	32	20
Curriculum Farming of Botany Subject	07/03/2019	07/03/2019	22	Nill
A Lecture on " Intorduction and application of Spectroscopy" under Inter college lecture series	13/03/2019	13/03/2019	40	25
A Lecture arranged on	14/02/2019	14/02/2019	25	10

"Advances in Electronics " under Inter college lecture series				
Tablet Distrubution	06/12/2018	06/12/2018	210	156

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 college has made numerous efforts to fulfil this goal from time to time. These programmes were made possible through college financing. 2.An Eco-Club was formed to aid in the greening of the environment. 3.A solar water heater has been installed at the hostel. 4.A windmill has been installed at the Botanical Garden. 5.To limit the amount of energy required by bulbs and fans, college architectural design emphasises the use of natural lighting and ventilation. 6.Energy conservation awareness has been developed among employees and students. 7.Energy-saving notices/posters are put throughout each department in key areas. 8.Energy-saving lighting is employed. 9.Only when absolutely essential, lights, fans, computers, and laptops are turned on. In instructional rooms and practical labs where natural light is sufficient, lights are not turned on. The existing air conditioning, computers, printers, copiers, and other equipment are all turned off when not in use. 10.Any dripping faucets are repaired as soon as possible. 11.Students council and faculty members have been given the task of preventing energy waste by ensuring that fans and lights are not turned on in vacant classrooms or laboratories. 12.Yes, rainwater harvesting is implemented in the Botanical Garden by building a small pond, and rainwater is also used to recharge the well to boost ground water levels. 13.Rainwater is collected by the Chemistry Department and used as distilled water in the Chemistry Laboratory. 14.While the activity does not take place on campus, the NSS unit builds check dams/boribandh and a special dam for irrigation in hilly areas in the Dharampur district. The institutions Biology Department has constructed and maintains a gorgeous garden. The garden and tree plantings serve to reduce carbon dioxide levels in the atmosphere by providing oxygen. The College campus is carbon neutral thanks to the Agronomy experimental farm, orchards garden, and tree plantations. Printing is done on both sides of the paper. We want students to start writing their answers on the first page of both internal and external assessments, and to use all of the papers without avoiding lines. Old print papers are used as a note-paper. Departmental notices and information are sent via email/SMS. All documents are thoroughly edited prior to printing. The use of plastic is strongly discouraged. Students are encouraged to ride their bikes or take public transportation to class. b We have a day called No Vehicle Day that is dedicated to this type of activities. Outside the colleges main gate, there is parking for vehicles and scooters. Blank paper from journal assignments and internal exam extra exams is repurposed into rough paper, lowering blank paper usage. A considerable number of saplings are planted by employees and students on the college grounds. The NSS unit collaborates with the Forest Department to host a tree

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	5
Ramp/Rails	Yes	5
Rest Rooms	Yes	642

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	Nill	1	25/06/2018	1	Anti T	Social Awareness	52
2018	Nill	2	15/07/2018	1	Blood Donation Campaign	Social Awareness	97
2018	Nill	1	29/07/2018	1	Dental Camp	Health Awareness	102
2019	1	Nill	08/01/2019	1	Industrial Visit at Sugar FactoryGandevi	Field Visit	157
2019	1	Nill	08/01/2019	3	Visit at BARC Mumbai,IIG Trobe Tarapur Atomic Power Station Mumbai Tarapur	Academic	53
2019	Nill	1	25/01/2019	1	Celebration of VOTER DAY	Social Awareness	69
2019	1	Nill	28/01/2019	3	Industrial Visit at Mapro Food Park Mahabaleshwer	Academic	142
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	Nill	NIL

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
RASHTRIYA EKTA DAY	31/10/2018	31/10/2018	59
Lecture on " How to face Interview"	05/11/2018	05/11/2018	85

Lecture on "Skill Management"	11/12/2018	11/12/2018	84
INTERNATIONAL YOGA DAY	21/06/2018	21/06/2018	132
ANTI TOBACCO RALLY	25/06/2018	25/06/2018	52
Celebration of Swachhta Bharat Mission-2018 At-Seg vi,Tithal,Nanakwada Village(Three Team)	29/09/2018	29/09/2018	41
Celebration of Sergical Strike by Writing Slogen on postcard and Drawing Poster	29/09/2018	29/09/2018	33
Celebration of 150 aniversary of Mahatama Gandhiji by various activities like Easay ,Poster,Prayers and Lectures	02/10/2018	02/10/2018	99
Celebration Of Gandhi Jayanti	02/10/2018	02/10/2018	90
CLEAN INDIA - GREEN INDIA	28/10/2018	28/10/2018	100
View File			

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

1.The NSS Unit will raise environmental awareness and stress the significance of maintaining a clean, green, and pollution-free environment.The NSS organized the Swacch Bharat Abhiyan. 2. Seminars and classes are held to teach proper trash disposal. 3. Tree planting contributes to the Colleges green environment. Approximately 3000 trees of various species are cared for and maintained on campus. Two-thirds of the university grounds have been overrun by trees. They contribute to environmental preservation. 4. Medicinal plants were planted at college. 5. The college campus is a plastic-free zone, which is good for the environment. Setting fire to dead leaves or rubbish papers is prohibited. The papers are tossed, while the leaves are buried in the ground. 6. The Plastic Free Zone Campaign has drastically reduced the use of single-use plastics.Seminars and classes are held to teach proper trash disposal. 7. Environmental awareness campaigns have been organized. 8. On a monthly basis, the college holds NSS camps to teach students and teachers about the importance of tree planting.

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

BEST PRACTICE-1 TITLE OF THE PRECTICE- Candle Making Candles have been used for luminosity and to light up mans celebrations for more than thousand years. Thedevelopment of candle to the present stage went through several stages. Candle making today has taken a shape of small scale industry. It has got

attention of a lot of people. From celebrities to designers all are trying their hand in this emerging industry. One pertinent reason is that the use of candle now has not been confined only for devotional purpose or somes pecial occasion. They are now a part of every single moment, special or routine. They add a touch of warmth in the occasion and that makes it largely popular. AIM AND OBJECTIVE OF THE PRACTICE: Small scale industries like candle making can create a lot of employment opportunities, especially in rural areas where globalization may not have totally permeated. A lot of small industries are owned and operated by the women, this gives a very handy push to women empowerment, too. Small scale sector can stimulate economic activity and is entrusted with the responsibility of realizing the following objectives: To create more Employment Opportunities with Less Investment. To uplift the backward class of rural as well as urban areas. To mobilize and ensure optimum utilization of unexploited resources of the country. To ensure equitable distribution of income and wealth. To provide employment. To attain self-reliance. To adopt latest technology aimed at producing better quality product at lower costs. THE CONTEXT: Keeping this view in mind and to explore the creative Scientific potentials in the young mind of the students, the Chemistry Department of B. K. M. Science College, had organized three days workshop on "Candle Making" during 05-09-2018 to 07-09-2018. There were total registration of 72 students and among them there were total 36 boys and 36 girls and they were divided into seven batches. THE PRACTICE : Date:- 05/09/2018 to 07/09/2018 Division of Batches Date Batch Boys Girls Total 05-09-2018 I 6 4 10 05-09-2018 II 5 5 10 06-09-2018 III 4 6 10 06-09-2018 IV 5 5 10 07-09-2018 V 7 3 10 07-09-2018 VI 7 3 10 07-09-2018 VII 2 10 12 TOTAL 36 36 72 During the training the students were informed how to measure the wax, how to cut it, how to shape it etc. Such things were taught them in a well mannered way by using the latest techniques with the help of the expert.Through this the students have learnt the different usages of candle to illuminate the place and to make it beautiful. By this small training they will have idea about Gruh Udyog and with that they can manage their survival. BEST PRACTICE – 2 TITLE OF THE PRACTICE: Agarbatti (Incense Stick) Making Incense sticks also called agarbattis are fragranced sticks used from ancient period by people all over the world. The evolution of incense stick could be from the burning of aromatic woods in the primitive period. As mankind gained civilization and became more religious, these fragranced agarbattis played important role in daily rituals. Agarbatti is an Indian Hindi terminology which is otherwise popularly known worldwide as 'Incense Sticks' and as the name itself suggests, they are thin bamboo sticks of about 8" to 12" length coated with paste of fragrance of natural ingredients extracts of scented flowers or majorly forest yield. Agarbattis have huge potential as a manufacturing business because its demand is at all-time high and go even higher during festivals. More than 90 countries use Agarbattis and India is the sole producer of these Incense Sticks that caters to the demands of the people. OBJECTIVE OF THE PRACTICE: To increase employment opportunities while reducing investment. To alleviate rural and underdeveloped economies economic backwardness. To alleviate regional inequity. To organize and ensure the best possible use of the countrys untapped resources. To raise peoples living standards. To ensure that income and riches are distributed fairly. To address the issue of unemployment. To achieve self-sufficiency. To use the most up-to-date technology in order to provide a higher-quality THE CONTEXT: In order to explore the creative Scientific potentials in the young minds of the students, the Chemistry Department of B.K.M.Science College held a three-day workshop on Agarbatti (Incense Stick) Making from January 23 to January 25, 2019. This session drew a total of 78 pupils (22 boys and 56 girls). All of the pupils were divided into eight groups. Mr. Durgesh A. Parekh, proprietor of Agarbatti Industries, led the training programme. He discussed about the fully automatic incense stick machine, its cost, and benefits, as well as Agarbatti Premix Powder and the use of bamboo sticks. THE PRACTICE : DATE : 23/01/2019 to

25/01/2019 During this workshop students get the training in the following batches Date Batch Boys Girl Total 23-01-2019 I 4 6 10 23-01-2019 II 1 9 10 23-01-2019 III 0 10 10 23-01-2019 IV 3 7 10 23-01-2019 V 8 0 08 24-01-2019 VI 0 10 10 24-01-2019 VII 0 10 10 25-01-2019 VIII 6 04 10 TOTAL 22 56 78 In the training session the students were given the general steps involving in the making of incense such as: the raw materials are powdered and then mixed together with a binder to form a paste, which, for direct burning incense, is then cut and dried into pellets. The basic ingredients of an incense sticks are bamboo sticks, paste which is generally made of charcoal dust or sawdust and joss/jiggit/gum/tabu powder- an adhesive made from the bark of litsea glutinosa and other trees and the perfume ingredients are added to make it pleasant. The success of the training was that the institution has made the students aware about the making of incense, to visit the factory so that they can have live experience on a large scale and enable them to think over small scale business, too.

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_zcYaELvC1651496097.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.Toarrange environmental consciousness and sustainability programme like tree plantation, Awareness about cleaning etc. 11. To organize Sports Events. 12. To arrange lecture on womans Health Awareness ,fitness programme and self defence training