Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**KONKAN EDUCATION SOCIETY'S ANANDIBAI PRADHAN SCIENCE COLLEGE**
Name of the head of the Institution	**Dr. Sandesh Suryakant Gurav**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02194222582**
Mobile no.	**8149375082**
Registered Email	**principalapsc@yahoo.co.in**
Alternate Email	**sandeshsgurav@gmail.com**
Address	**Bapusaheb Deshpande Educational Complex, Nagothane.**
City/Town	**Nagothane, Tal.- Roha, Dist.- Raigad**
State/UT	**Maharashtra**
Pincode	**402106**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Rural**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Dr. Dinesh Vasant Bhagat**
Phone no/Alternate Phone no.	**02194223699**
Mobile no.	**9960455356**
Registered Email	**bhagat.dinesh72@gmail.com**
Alternate Email	**hfjadhav@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	http://www.apcnagothane.edu.in/images/A201718.pdf

4. Whether Academic Calendar prepared during the year

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	http://www.apcnagothane.edu.in/images/Academic%20calender%20201819.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity Period From	Validity Period To
1	**C+**	**62.20**	**2004**	**03-May-2004**	**02-May-2009**
2	**B**	**2.20**	**2012**	**10-Mar-2012**	**09-Mar-2017**
3	**B+**	**2.68**	**2017**	**30-Oct-2017**	**29-Oct-2022**

6. Date of Establishment of IQAC

26-Apr-2006

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
First Meeting of IQAC	18-Jun-2018 1	15
Second Meeting of IQAC	03-Dec-2018 1	15
Timely submission of AQAR	10-Apr-2015 30	15
Timely submission of AQAR	17-Oct-2016 30	15
Timely submission of AQAR	27-Mar-2017 30	15
Timely submission of AQAR	28-Dec-2018 30	15
Feedback	23-Mar-2019 7	300
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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
Chemistry (PG)	MRP	DST-FIST	2018 1825	2000000
Chemistry	MRP	University	2018 730	75000
Institute	2(f),12(B)	UGC	2018 1825	1096987
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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)

Research Activities Academic Activities Infrastructure Sports and games Placement
- **Research Activities:**

[View File](#)

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 conduct certificate course on Soil and water testings.	Conducted
To enhance infrastructure facilities	Construction is going on
To conduct career advancement programme	career advancement programme is successfully conducted
Strengthening research activities	Done
Introduction of New division of PG course	Proposal of new division of 20 students submitted to University
To organize seminar/Workshop/conference	Organized workshops
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
College Development Committee	26-Aug-2019

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	2018
Date of Submission	29-Nov-2018
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)	1. Admission – Through this module, admission process of all UG and PG courses are proceed by filling up online admission forms and offline

forms by writing all the academic and other information on this forms. The module helps in collecting the information of the academic admissions of all the courses and also helps in making merit list as per the institute and University norms. The Merit Lists are displayed well advanced on Notice board and College website. Students are admitted in the college strictly on Merit list. With this merit list the student are admitted strictly based on merit marks. 2. Examinations – This module takes care of the exam activities in the form of appointment of examiners, collection of the question papers, collection and compilation of continuous evaluation marks, end semester marks and declaration of results using CGPA system. The detailed Timetables and results are displayed on Notice board and college website. 3. Feedback Activities – The information related to feedback and analysis from stockholders such as students, teachers, Alumina , Parents and Employees. 4. Book Acquisition Module SOUL software are used for Library Management System. Such as Book Entry, Barcode, Issue and return of books. 5. INFLIBNET Downloading and online reading of ebooks and ejournals through INFLIBNET – NLIST database. 6. Digital University Portal This portal is use for generation of exam form, enrolment, PRN generation etc. 7. Exam students Track mark Portal – Online exam student attendance reports generation

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

broucher.In our college First year admission process is started after the declaration of H.S.C results immediately. The admission committee prepares the merit list as per the government norms, with this merit list the students are admitted strictly base on their based on merit marks. Similarly the PG admissions are started after the declaration of T.Y.B. Sc results, S.Y.B. Sc .and T. Y. B. Sc admissions are completed just after declaration of result. Examination:-Exam committee takes care of the exam activities in the form of appointment of examiners, collection of the question papers, collection and compilation of continuous evaluation of marks, end semester marks and declaration of results using CGPA system adopted by parent university. Exams

are conducted on behalf of college for the first two years of degree course and final year exam is conducted on behalf of university for the UG course and for the PG course all the exams are conducted on behalf of university in the college. Administration:-The Principal and Office Superintendent and IQAC of the institute look after the attendance of regular and temporary faculty, which helps in monthly salary payment of all the employees. They also maintain and followed the all easy and effective official interaction to the college and with university. Curriculum Activities:-In the beginning of every semester meeting of each department was organised under the guidance of Principal, IQAC and through the heads, teaching plan is prepared, workload is allotted to all faculties and syllabus is executed as per the norms of university. At the end of every semester head of all department takes a meeting regarding completion of syllabus as per the allotment or not. Along with classical method of teaching, we are using the OHP, POWER POINT, Animations, Videos, Class tests, Discussion methods as a ICT tools for effective teaching learning methods for the students. At the beginning of every academic year, the Principal, all head of the departments and activity in charge oriented to the new enrolled students of the college regarding awareness of the syllabus, college discipline, extracurricular and co-curricular activities in the institution. Attendance:-Institute has a mechanism to record the attendance of theory classes and practical's for all UG and PG courses. Attendance committee determines the list of students who does not qualify minimum attendance for appearing to the examination. Personality Development Programmes:-The institute also has a mechanism regarding the development of students personality, in which we organise the Industrial Visits, excursions, field visits, etc so that it will help to the students for their all round development. Research Activities:- The institute has a mechanism for developing the research culture amongst the students and teaching faculties. Every year students are motivated and participated in Avishkar research festival conducted by university. The research projects are also given to the PG students under the guidance of respective faculties. Faculty Development:-Through this process institute is giving opportunities to each and every faculties to attend the various conferences, seminars, workshops, etc. They are also allow to do the orientation and refresher

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
A certificate course in Water Analysis	NIL	02/01/2019	30	No	Lab analysis skill

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		

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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 | UG | 06/06/2018 |
| MSc | PG | 07/07/2018 |

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

	Certificate	Diploma Course
Number of Students	30	Nil

1.3 – Curriculum Enrichment

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

Value Added Courses	Date of Introduction	Number of Students Enrolled
Soap Making	10/07/2018	62
Perfume Making	10/07/2018	62
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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
No Data Entered/Not Applicable !!!		
[View File](#)		

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

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

Feedback Obtained
The institute has prepared the structure of feedback questionaries' for students, teachers, employees, alumni and parents, which is approved by IQAC of the college and also uploaded on college website. Feedbacks are given to the students at end of academic year with respect to all the theory and practical courses taught to them during the academic year. It consist of the questions based on syllabus, completion of syllabus, assessment process, teaching methods, Teachers approach with students, Teaching ability of teacher, Class control, Use of modern technologies, etc. on five point scale measurement. Five means excellent and zero means poor performance. All feedback forms were collected and analysed by the concerned committee. Then the policy of committee is that if a teacher gets average grade less than 2.0, then he/she is being called by the Principal of the college and is being informed about his or her performance for the particular subjects. The teachers are accordingly instructed by the authorities to improve their performances. The employer's feedback suggestion gives us the evaluation parameters such subject knowledge, attitude, behaviour, regularity, punctuality, maturity, motivation creativity, presentation skills and ability to get along with others. The analysis of this feedback helps college to improve and reframing the course content and various skill development training. Alumni feedback is conducted whenever alumni programme such as foundation day, Alumni meet are organised in the college

during the academic year. The feedback from alumni is drawn evaluating subject knowledge of the programme, level of meeting expectations, progress of alumni in career after graduation, motivation at college, maturity, social skills, ability to take decisions, ability to manage finance, impact of training at ICT on personality and presentation skills at workplace. The feedback from the parents helps the college immensely reorienting the administrative, general ambience, skill development, suitability of the courses for career growth of the ward and personality development of their wards.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
BSc	F.Y.B.Sc.	120	188	112
BSc	F.Y.B.Sc.(Comp.Sc.)	48	Nill	Nill
BSc	F.Y.B.Sc.(IT)	60	79	41
MSc	M.Sc.(Organic Chemistry)	20	50	20
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2.2 – Catering to Student Diversity

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

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	453	37	20	4	8

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
24	24	25	7	Nill	4
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2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Mentoring of students is conducted by the departments of the institution. Mentoring of students is based on the following objectives: • To increase the teacherstudent contact hours • To identify and address the problems faced by slow learners and first generation learners • To encourage advanced learners • To decrease the student dropout rates • To prepare students for the competitive world Every year, departments individually organize orientation sessions on the class commencement day for students of first semesters and explain the designing and implementation of the mentoring system of the department. In the mentoring process, all necessary information related to the student such as the contact number, email of the student, family income, category, gender etc are initially collected by the department through the student database format provided by

the IQAC. Departments maintain the records of class tests/surprise tests, attendance records, records of student seminars etc related to the reviewing of the performance of the students. Departmental teachers maintain interaction with students through individual meetings, social networking sites and interaction boards of learning management system. Teachers discuss with parents during parentteacher meetings and try to identify the problems faced by students and related issues. Time factor is a major constraint of the mentoring system, especially after introduction of the CBCS in 2016. To overcome this constraint, teachers sometimes suggest students to provide the list of difficult questions and problems faced by them while preparing for academic and competitive examinations and then the teachers provide solutions in written form as notes to the students. In some departments, tutorial classes are also organized for students Outcome of the departmental mentoring system in the current year (20182019) 1. Significant improvement in the teacherstudent relationship has been observed 2. Students have participated in different Cocurricular and Extra curricular competitions. They have also won prizes in Poster presentations, Essay competitions, Elocution, debates and other similar contests organized by external agencies 4. Students have shown outstanding performance in sports tournaments. College has been declared as Champion in different events of Intercollegiate Zonal and University Level Kabaddi and Water Polo Championship. One Team has been awarded Zonal First Prize in Kabaddi and Silver Medal (20182019) in Water Polo University Championship. Four of our students have also been selected for Inter university Water Polo Championship for the year 20182019

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
490	24	1:20

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
24	24	Nill	11	10

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Sandesh S. GuravUniversity level	Principal	Advisory committee –University of Mumbai
2018	Dr. Sandesh S. GuravUniversity level	Principal	University committee for minor project
2018	Dr. Satish D. Patil National level	Associate Professor	Dr. APJ Abdul Kalam Life Time Achievement National Award" for achievements in the field of Teaching, Research and Publications from the International Institute for social and Economic Reforms, Bangalore
2019	Dr. Satish D. Patil National level	Associate Professor	Best Educationist Award" from Achievers

2018	Dr. Dinesh V. Bhagat – University level	Associate Professor	District Coordinator "Awishkar Research " of University of Mumbai
2018	Dr.Mrs. S.T. Morbale – University level	Assistant Professor	Ph.D. awarded from Shivaji University Kolhapur
2018	Dr.Mrs. P.N. Jyoti- University level	Assistant Professor	Ph. D. awarded from Mumbai University
2019	Dr.Mrs. S.T. Morbale – University level	Assistant Professor	Interviewer / Evaluator for Action Research for Dr. Homi Bhabha Bal Vaidnyanik Competition organized by The Greater Bombay Science Teacher Association Malad Mumbai
2018	Dr.Shrikrishna D. Tupare – University level	Associate Professor	Best NSS Area Cocoordinator
2018	Dr. Vilas R. Jadhavar – University level	Assistant Professor	Member of Adhoc Board in Industrial Chemistry, Dr. B. A. Marathwada University, Aurangabad
2018	Dr. Vilas R. Jadhavar – University level	Assistant Professor	Recognized as a Teacher for M.Sc. (By Papers) in the subject of Analytical Chemistry, University of Mumbai
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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	1S00141	Semester I	07/12/2018	16/01/2019

BSc	1S00151	Semester I	10/12/2018	16/01/2019
BSc	1S00251	Semester I	05/12/2018	16/01/2019
BSc	1S00142	Semester II	12/10/2018	20/11/2018
BSc	1S00152	Semester II	12/10/2018	20/11/2018
BSc	1S00252	Semester II	10/10/2018	20/11/2018
BSc	1S00143	Semester III	02/11/2018	14/12/2018
BSc	1S00153	Semester III	02/11/2018	14/12/2018
BSc	1S00253	Semester III	03/10/2018	14/12/2018
BSc	1S00144	Semester IV	24/10/2018	20/11/2018
BSc	1S00154	Semester IV	24/10/2018	20/11/2018
BSc	1S00254	Semester IV	22/10/2018	20/11/2018
BSc	1S00145	Semester V	19/11/2018	18/02/2019
BSc	1S00155	Semester V	30/11/2018	18/02/2019
BSc	1S00255	Semester V	23/11/2018	05/03/2019
BSc	1S00146	Semester VI	12/12/2018	08/02/2019
BSc	1S00156	Semester VI	11/10/2018	18/02/2019
BSc	1S00256	Semester VI	05/12/2018	22/02/2019
MSc	1S01121	Semester I	11/01/2019	22/04/2019
MSc	1S01122	Semester II	20/12/2018	02/04/2019
MSc	1S01123	Semester III	14/01/2019	11/04/2019
MSc	1S01124	Semester IV	21/12/2018	02/04/2019
BSc	1S00141	Semester I	01/04/2019	13/05/2019
BSc	1S00151	Semester I	01/04/2019	13/05/2019
BSc	1S00251	Semester I	29/03/2019	13/05/2019
BSc	1S00142	Semester II	13/05/2019	17/05/2019
BSc	1S00152	Semester II	23/04/2019	17/05/2019
BSc	1S00252	Semester II	19/04/2019	17/05/2019
BSc	1S00143	Semester III	01/04/2019	13/05/2019
BSc	1S00153	Semester III	01/04/2019	13/05/2019
BSc	1S00253	Semester III	29/03/2019	13/05/2019
BSc	1S00144	Semester IV	03/05/2019	17/05/2019
BSc	1S00154	Semester IV	04/05/2019	17/05/2019
BSc	1S00254	Semester IV	02/05/2019	17/05/2019
BSc	1S00145	Semester V	20/05/2019	11/07/2019
BSc	1S00155	Semester V	20/04/2019	19/06/2019
BSc	1S00255	Semester V	18/04/2019	21/06/2019
BSc	1S00146	Semester VI	07/05/2019	12/06/2019
BSc	1S00156	Semester VI	04/05/2019	19/06/2019
BSc	1S00256	Semester VI	08/05/2019	24/06/2019
MSc	1S01121	Semester I	18/06/2019	29/08/2019

MSc	1S01122	Semester II	31/05/2019	21/08/2019
MSc	1S01123	Semester III	19/06/2019	29/08/2019
MSc	1S01124	Semester IV	03/06/2019	31/08/2019
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2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous evaluation is carried out throughout the year through regular tests, objective tests, projects, seminars etc. Frequent field visit to college campus and adjoining areas to evaluate the students' understanding on local flora and vegetation by Botany Department. Industrial Visit is also organised by Chemistry and Information Technology Departments for the students to make them understand the actual process in Industries. Routine tests are conducted and much appreciated by students as critical thinking and creativity come to the fore. Some departments take regular, weekly tutorials. Remedial instruction is given to slow learners and challenged students. These tests and remedial coaching help the students to prepare the students for University Examinations. Model answer papers are also been provided to the students which help them for the Examinations. The teachers explain about as to how scoring by the students can be better in forthcoming examinations by expressing themselves more appropriately in response to questions. The University and College enables students to apply for reevaluation of University and College answer scripts.

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

The institution is an affiliated college. Examinations are conducted at the end of each semester by the affiliating University. College informs students about the university notices and circulars related to the examinations from time to time through student notice board, departmental notice boards, college website and also verbally by the faculty members of the department. Information Technology, Computer Science, Foundation Course and MSc. (Organic Chemistry) departments conduct internal assessment of students. Students are well informed about these internal examinations well in advance by the department. Internal assessment dates are also provided by the college in the proposed academic calendar prepared at the beginning of each academic session, which is uploaded in the college website. Detailed schedules with dates are given for Mid Term and Year End Examinations. Students prepare for these examinations accordingly. Each member of the staff and student community receive a copy of the college calendar to enable them to plan for activities. An IQAC Calendar is also prepared this enumerates academic programmes and activities for quality enhancement to be held in the college.

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)

http://www.apcnagothane.edu.in/images/outcomes.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
1S00146	BSc	Chemistry	96	79	82.29%
1S00256	BSc		33	22	66.67%

| 1S00156 | BSc | Computer Science | 10 | 10 | 100.00% |
| 1S01124 | MSc | Organic Chemistry | 17 | 14 | 82.35% |

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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)

<div align="center">http://www.apcnagothane.edu.in/images/feedback201819.pdf</div>

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

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

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Minor Projects	730	University of Mumbai	0.3	0.3
Minor Projects	730	University of Mumbai	0.25	0
Minor Projects	730	University of Mumbai	0.25	0
Any Other (Specify)	1825	DST FIST	20	20

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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
Computer animation for IT students by Arena Animation Institute, New Panvel.	Department of Information Technology	13/12/2018
Project development workshop	Department of Information Technology and Computer Science	24/01/2018
One day workshop on Preparation of I.T. projects	Department of Information Technology	20/11/2018
One day workshop on Yoga	National Service Scheme	18/07/2018

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
NSS	Best area coordinator for Raigad District	University of Mumbai	15/08/2018	Teacher

Avishkar	District Coordinator	University of Mumbai	26/11/2018	Teacher

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

Incubation Center	Name	Sponsored By	Name of the Start-up	Nature of Start-up	Date of Commencement
No Data Entered/Not Applicable !!!					

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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
0	Nill

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	9	4.58
International	Botany	3	0
International	Zoology	1	0

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

Department	Number of Publication
Chemistry	3

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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
Isolation of AM Fungal Spores from Rhizo pheric	V. S. Chavan	Online i nternation al interdi sciplinary	2018	0	00	Nill
Amine Exchange Reactions of Mannich	S.D. Patil	Scholarly Research Journal	2018	0	0	Nill

		for Interd isiplinary Studies.				
Synthesis and antiba cterial activities of bis Schiff bases	S. D. Tupare	Internat ional Reco gnition Mu ltidiscipl inary Research Journal	2019	0	0	Nill
"Impact of Industrial Pollution on Groundw ater quality in Nagothane Industrial Area District. Raigad, Ma harashtra, India."	V.R. Jadhavar	Indo American Journal of Pharmaceut ical Sciences	2018	0	0	Nill
"Study of some Ph ysicochemi cal Aspects of Pond water at Nagotha neDist.Rai gad (M.S.), India."	V.R. Jadhavar	Internat ional Reco gnition Mu ltidiscipl inary Research Journal	2019	0	0	Nill
Use of Charcoal Powder Prepared from Orange and Lemon Peels for the Treatment of Sewage Water at N agothaneDi st.Raigad (M.S.),Ind ia."	V.R. Jadhvar	Internat ional Reco gnition Mu ltidiscipl inary Research Journal	2019	0	0	Nill
"Study of physioc hemical parameters	S. V.Cho udhari	MULTILOG ICS IN SCIENCES an interna	2019	0	00	Nill

of Jogeshwari Lake water in Nagothane : a case study		tional referred indexed journal				
"Determination of Bioconcentration factor (BCF) for, Maharashtra ,India signifying their role as Bioindicator of soil contamination	S. V.Choudhari	Research Journal Chemistry and environment	2019	0	0	Nill
Application of empirical models and stastical tools for determination of phytoremediation potential of vegetation abundant in Kundalika river stretch, Roha, Maharashtra, India.	S. V.Choudhari	MULTILOGICS IN SCIENCES an international referred indexed journal	2019	0	0	Nill
Comparison of physioc hemical parameters of Lake waters in Nagothane a case study in Roha	S. V.Choudhari	International Reco gnition Mu ltidiscipl inary Research Journal	2019	0	00	Nill
A study of aquaculture	P.Nirmala Jyothi	International scentific	2019	0	0	Nill

Title of the Paper	Name of Author	Title of journal	Year of publication			
growth diffulties and prospects in India		reaserch And Reviews				
EWaste –An Enviro nmental Impact.	V Sharda	Internat ional reseach joutrnal of science engineerin g	2018	0	0	Nill
Study of Biodiversi ty in water bodies in Nagothane case study	V Sharda	Internat ional Reco gnition Mu ltidiscipl inary Research Journal	2019	0	0	Nill
"Study of some Ph ysicochemi cal Aspects of Pond water at Nagotha neDist.Rai gad (M.S.), India."	P.Nirmala Jyothi	Internat ional Reco gnition Mu ltidiscipl inary Research Journal	2019	0	0	Nill
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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
Isolation of AM Fungal Spores from Rhizo pheric	V. S. Chavan	Online i nternation al interdi sciplinary	2018	Nill	Nill	0
Amine Exchange Reactions of Mannich Bases	S.D. Patil	Scholarly Research Journal for Interd isiplinary Studies	2018	Nill	Nill	0
Synthesis and antiba cterial	S. D. Tupare	Internat ional Reco gnition Mu ltidiscipl	2019	Nill	Nill	0

activities of bis Schiff bases		inary Research Journal				
"Impact of Industrial Pollution on Groundwater quality in Nagothane Industrial Area District. Raigad, Maharashtra, India."	V.R. Jadhavar	Indo American Journal of Pharmaceutical Sciences	2018	Nill	Nill	0
"Study of some Physicochemical Aspects of Pond water at NagothaneDist.Raigad (M.S.), India."	V.R. Jadhavar	International Recognition Multidisciplinary Research Journal	2019	Nill	Nill	0
Use of Charcoal Powder Prepared from Orange and Lemon Peels for the Treatment of Sewage Water at NagothaneDist.Raigad (M.S.),India."	V.R. Jadhavar	International Recognition Multidisciplinary Research Journal	2019	Nill	Nill	0
"Study of physiochemical parameters of Jogeshwari Lake water in Nagothane : a case study	S. V.Choudhari	MULTILOGICS IN SCIENCES an international referred indexed journal	2019	Nill	Nill	0

"Determination of Bioconcentration factor (BCF) for, Maharashtra ,India signifying their role as Bioindicator of soil contamination	S. V.Choudhari	Research Journal Chemistry and environment	2019	Nill	Nill	0
Application of empirical models and stastical tools for determination of phytoremediation potential of vegetation abundant in Kundalika river stretch, Roha, Maharashtra, India.	S. V.Choudhari	MULTILOGICS IN SCIENCES an international referred	2019	Nill	Nill	0
Comparison of physiochemical parameters of Lake waters in Nagothane a case study in Roha	S. V.Choudhari	International Recognition Multidisciplinary Research Journal	2019	Nill	Nill	0
A study of aquaculture growth diffulties and prospects in India	P.Nirmala Jyothi	International scentific reaserch And Reviews	2019	Nill	Nill	0
EWaste -An Enviro	V Sharda	International	2018	Nill	Nill	0

		reseach joutrnal of science engineering				
Study of Biodiversity in water bodies in Nagothane case study	V Sharda	International Recognition Multidisciplinary Research Journal	2019	Nill	Nill	0
"Study of some Physicochemical Aspects of Pond water at NagothaneDist.Raigad (M.S.), India."	P.Nirmala Jyothi	International Recognition Multidisciplinary Research Journal	2019	Nill	Nill	0
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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	Nill	Nill	Nill	10
Presented papers	16	7	Nill	1
Resource persons	Nill	1	1	Nill
View File				

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
Yoga Day	NSS	5	45
Tree Plantation	NSS and Lions Club	4	125
Blood Group Check up	NSS and Civil Hospital Roha	3	55
Anti plastic Rally	NSS	3	120
National Integration Day	NSS	15	35
Savidhan Din	NSS	10	56

Youth Day	NSS	2	85
Voters Campaign	NSS	2	120
Road safety	NSS	2	110
Rangoli competition	WDC CEMISTRY DEPT	4	20
Computer animation	Computer dept ARENA	5	100
Project development work shop	Computer dept S.V. Education	5	120
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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
Sports	University Silver Medal	University of Mumbai	12
Sports	National participation	University of Mumbai	4
Science association	Selected for University level at Avishkar	University of Mumbai	1
View File			

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
Mahiti Doot	Government and NSS	Family Survey	2	51
Swachch Bharat Abhiyan	NSS and Lions Club Member	Gandhi Jayanti and cleaning of Jogeshwari Temple	3	125
HIV AIDS	NSS and Reliance Medical Unit	Poster exhibition and presentation.	5	100
HIV AIDS	NSS and AIDS control Board Maharashtra	Blood Testing	3	45
Red Ribbon Club	NSS and District Civil Hospital	Blood Donation	3	42
Gender equality program – Informative	WDC	Informative lecture	5	100

program awarenessofagainst Domestic violence				
Survey on status of women,Shanti Nagar Nagothane	DLLE	Survey	3	20
Poster Competition at College Level. "Community Hygiene''	DLLE	Poster exhibition and presentation.	2	100
Interviews with the employees to get awareness on the careers in different fields	Career Guidance	Interview	5	20
Udaan Festival	DLLE	Street Play	2	15
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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
Faculty exchange	PG Students	Institute	7
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3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
No Data Entered/Not Applicable !!!					
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
PHC Nagothane	10/07/2018	Medical Health anf Facility	180
Reliance Jio Info. Com. Ltd.	10/07/2018	Placement and interation	140
Sudarshan	10/07/2018	Placement and	140

Chemicals Ltd.		interation	
Roha Dye Chem	17/07/2018	Placement and interation	140
Vidhi Dye Chem Ltd.	17/07/2018	Placement and interation	140
Rathi Dye Chem	17/07/2018	Placement and interation	140
Nilicon Pvt. Ltd.	17/07/2018	Placement and interation	140
Sadhana Dye Chem. Ltd.	17/07/2018	Placement and interation	140
KES L.S. Ladies College, Pezari	29/06/2018	Sharing knowledge and information	490
Dr. C.D. Deshmukh A. S. C. College, Roha	29/06/2018	Sharing knowledge and information	490
B.N. A. S.C. College, Pen	29/06/2018	Sharing knowledge and information	490
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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
2100000	1249000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Others	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
No file uploaded.	

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	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2123	235000	359	68120	2482	303120
Reference Books	5701	1747912	100	77976	5801	1825888
Journals	25	34796	6	6645	31	41441
Digital Database	Nill	Nill	1	5725	1	5725
CD & Video	160	Nill	5	Nill	165	Nill

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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
No Data Entered/Not Applicable !!!			

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4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	54	46	0	0	0	4	4	20	0
Added	0	0	0	0	0	0	0	0	0
Total	54	46	0	0	0	4	4	20	0

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

20 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
Lecture Notes	https://sites.google.com/view/apscnlib/home
PPTs	https://sites.google.com/view/apscnlib/home

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
680000	258009.04	350000	315623

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)

Procedure and policies for maintaining and utilising physical, academic and support facilities ? Laboratory • Record of maintenance account is maintained by lab technicians and supervised by HODs of the concerned departments. • The calibration, repairing and maintenance of sophisticated lab equipments are done by the technicians of related owner enterprises. • The microscopes used for biological and geological experiments are annually cleaned and maintained by the concerned departments and record of maintenance is maintained by lab technicians and supervised by HODs of the concerned departments. • There is systematic disposal of waste of all types such as biodegradable chemical/chemical and ewaste. ? Library • The requirement and list of books is taken from the concerned departments and HOD's are involved in the process. The finalised list of required books is duly approved and signed by the Principal • Library orientation program has been conducted starting of academic year for introducing Library print and electronic collections of Library • Promote to use of Ebooks and Ejournals library has subscribe INFLIBNETNLIST database • The proper account of visitors (students and staff) on daily basis is maintained. • Other issues such as weeding out of old titles, schedule of issue/ return of books etc are chalked out / resolved by the CDC Library Committee. ? Sports • College has provide Indoor and Outdoor games facilities to the students. • College has allocated separate budgets for sports. • College has promote students to participated in Zonal level, University level and national level Sports. ? Computers • College has establish separate computer cob oratory for Computer Science and Information Technology course students • College has provide computer centre in library for all students. • Computer Maintained through Omkar Enterprises is done regularly. • Non repairable systems are disposal off through the maintained and repaired committee ? Classrooms • The CDC has continuously works for maintenance and upkeep of infrastructure. • College has provided well equipped and ICT base classrooms

http://www.apcnagothane.edu.in/policies.html

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	Merit Prizes	21	18880
Financial Support from Other Sources			
a) National	GOI Scholrship	103	905918
b)International	NIL	Nill	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
Yoga Meditation	21/06/2018	50	NSS
Soft skill development Programme	16/08/2018	35	Department of IT
Bridge Course	01/06/2018	25	Department of Chemistry
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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	Staff selection commission examCombine graduate level exam2018	25	2	25	Nill
2019	How to prepare for MBA entrance exams? And careers in management studies	60	Nill	60	Nill
2019	Motivational session on Career in Computer Science and Technology.	71	Nill	71	Nill
2019	Save electricity, environment	30	Nill	30	Nill
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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
Nill	Nill	Nill

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 stduents placed	Name of organizations visited	Number of students participated	Number of stduents placed
Reliance Jio Group Infoteh Ltd.Pune	33	4	2	5	2
[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	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	20	Institution	Chemistry	KES.Anandi bai Pradhan Science Coll ege,Nagothan e,Raigad.	M.Sc.(Orga nic Chemistry)
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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	Nill
SET	Nill
SLET	Nill
GATE	Nill
GMAT	Nill
CAT	Nill
GRE	Nill
TOFEL	Nill
Civil Services	Nill
[View File](#)	

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

Activity	Level	Number of Participants
Sports	Annual Sports(College)	76
Cultural	Annual cultural Week (College)	41
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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

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

Student council is apex committee /association of the college. It consist of student members from each class right from UG to PG. It helps to share the ideas, interact and concerns with teachers and college Principal. They also helps to raise the funds for college activities, including social events, community programmes helping people in need and college reforms. Some of the importance functions carry out by student council are , ? It is platform for students to raise issues and grievance. ? It helps to organise sports events in college and intercollegiate tournaments. ? Organization of cultural competition. ? It motivate students for active participants in Avishkar /science competition. ? It helps to arrange industrial visits/excursion trip. ? It advise to improve the facility in college campus. ? It also advise to improve the facility in library. ? It also helps in office administration. ? Etc

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

54

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

0

5.4.4 – Meetings/activities organized by Alumni Association :

One meeting held on 18 December 2018.

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)

? Vision: "Avail the facility of education in the down trodden Community for development of Society." ? Mission: "Education for all" is the mission of Kokan Education Society and visàvis College. Role of the Principal: The Principal follows a democratic and active participative style of leadership, soliciting the total participation and active involvement of both teaching and nonteaching staff by conducting periodic meetings and arriving at a consensus.He guides, initiates, persuades and convinces the staff to actively involve themselves in realizing the goals and objectives of the Management of the institution. ? The Principal also follows an open door communication system and often allows the staff to come up with their constructive suggestions and grievances if any. He goes out of the way to attend to the grievances of the staff. Reasonably uses intermix of formal and informal relationship with students and staff.Takes initiative in launching new academic programmes and encourages staff to improve academic efficiency with emphasis on accountability. ? The staff members are also invited for discussions about various aspects of the working environment which automatically helps to create a healthy working atmosphere. In other words, the staff is given the authority and responsibility to complete the

desired task in the best possible manner within the stipulated time. ? The Principal is very vigilant about discipline, commitment and devotion towards the work allotted to the staff. This blend of control with virtual participation of the staff is the distinguished feature of our institution which has allowed him to get the spontaneous and unrequited support from the staff. This kind of leadership has generated a sense not only of belonging but also of dedication among the staff members. ? Role of Faculty: The faculty is actively involved in decision?making process. The teachers hold periodic meetings. The recommendations of the conveners of the committees are submitted to the Principal and he arrives at suitable decisions for implementation. The six members of the faculty represent in the College Development Committee. Thus, the faculty is involved in planning and decision making process.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Library, ICT and Physical Infrastructure / Instrumentation	? Nodes to access books journals, ebooks, ejournals etc., via NLIST/INFLIBNET ? Development of separate reference section in Central Library, ? Reprographic facility is available in library and office. ? Five classrooms with LCD projectors are used for teaching. ? Computer and Internet facility are available in Central Library. ? Daily Newspapers in different languages and reading stands for staff and students.
Human Resource Management	? Recruitment of qualified teachers in compliance with UGC, University and State Govt. rules. ? Professional Development Programmes for faculty and nonteaching staff. ? Motivation and support for faculty improvement through refresher Course, Orientation Course/ summer camp, and skill development short term course etc. ? API Mechanism for each faculty as per the norms of UGC and University. ? Regular performance appraisal of teaching and nonteaching staff. ? Teachers and students encourages to attend conferences, seminars, workshops, etc. Duty leave is offered to the faculty and financial support is given to all. ? Financial support to faculty to attend seminar and conferences.
Industry Interaction / Collaboration	? The college develops interaction with industry to bridge the gap between theory and practice and grab different job opportunities to its students available in nearby industry. ? Signed MOU's with industries, senior colleges

		and PHC centre. ? Industry authorities are invited for talk related to industrial safety and measures. ? Arrangement of on and off campus interviews. ? Arrangement of on job training programmes. ? Arrangement of field and industry visits of students as a part of learning and internal evaluation.
	Admission of Students	? Admission process as per the rules and regulations of University of Mumbai. ? Guidance by the admission committee and faculty to students at the time of admissions. ? Digital College Committee to assist students to fill up online registration forms during admission process. ? Provision of payment of admission fees in instalments. ? The college has constituted Admission Committee as per the directives of University of Mumbai. The committee is entrusted with the responsibility of monitoring the admission process for all classes of UG and PG.
	Curriculum Development	? To develop the curriculum the feedback mechanism is effectively utilized. ? The information related to feedback and analysis from stockholders such as students, teachers, Alumina, Parents and Employees. ? Using this our senior faculty members write a letter to the concern Board of Studies to incorporate the adequate changes in the syllabus. This helps the University for the Curriculum Development.
	Teaching and Learning	Mentoring of students is conducted by the departments of the institution. Mentoring of students is based on the following objectives: ? To increase the teacher student contact hours • ? To identify and address the problems faced by slow learners and first generation learners To encourage advanced learners • ? To decrease the student dropout rates ? To prepare students for the competitive world, every year, departments individually organize orientation sessions on the class commencement day for students of first semesters and explain the designing and implementation of the mentoring system of the department. ? In the mentoring process, all necessary information related to the student such as the contact number, email of the student, family income, category, gender etc.,

	are initially collected by the department through the student database format provided by the IQAC. ? Departments maintain the records of class tests/surprise tests, attendance records, records of student seminars etc., related to the reviewing of the performance of the students. ? Departmental teachers maintain interaction with students through individual meetings, social networking sites and interaction boards of learning management system.
Examination and Evaluation	? Teachers suggest students to provide the list of difficult questions and problems faced by them while preparing for academic and competitive examinations and then the teachers provide solutions in written form as notes to the students. ? In the various departments, tutorial classes are also organized for students. ? Results of all college examinations are declared within 30 days as per the Government norms. ? Outcome of the departmental mentoring system in the current year (20182019) is significant improvement in the teacher student relationship has been observed.
Research and Development	? The institute has a mechanism for developing the research culture amongst the students and teaching faculties. Every year students are motivated and participated in Avishkar research festival conducted by university. The research projects are also given to the PG students under the guidance of respective faculties. Teachers are also motivated to submit research projects to the various funding agency. ? Teachers and students encourages to attend conferences, seminars, workshops, etc. Duty leave is offered to the faculty and financial support is given to all. ? Teachers are encourages to pursue M.Phil./Ph.D./PostDoctoral degree in respective subjects. Two teachers are recognized Ph.D. Guide of Mumbai University. One Student awarded Doctorate degree under the guidance of Dr. Vijay Chavan. ? Teachers are encourages to acquire the recognition of the research guide of the University. ? Provision of NLIST, INFLIBNET downloading system is available to access online reading of ebooks and ejournals.

6.2.2 – Implementation of e-governance in areas of operations:	
E-governace area	Details
Planning and Development	The institution has adopted egovernance for smooth and speedy work of academic and administrative work of the college through
Administration	The Institution uses emails, SMS and electronic media for administration. The technology can be used right from student administration to resource administration in an educational institution, where administrative subsystems include personnel, student, resources, financial and general administration. The concept of integration of the examination system will bring in scalable, transparent and vigorous egovernance solutions as the examination system can be put under a single portal system.
Finance and Accounts	The College follows HTE SEVARTH PRANALI for Staff salary, income tax deductions, PF/ DCPS deductions, LIC premiums, College accounts. Among the benefits are a streamlined system and procedure for collection and payment of examination fees.
Student Admission and Support	University of Mumbai adopted online admission process in the year 201617. The college follow the online admission process of University of Mumbai It is mandatory for first year students of UG and PG level programmes to register online on university portal. Department of Information Technology and Digital College Committee support students to enroll for the same. There is a separate Admission Committee to monitor online admission process as per the university schedule.
Examination	? Computerization of Examination Section with internet facility. ? Availability of Strong Room for online Digital Exam Paper Delivery System. ? Online "TRAcMARKS" Marking Scheme for assessment of answer books. ? Online Submission of examination forms online ? Generation of Hall Tickets of the candidates through digital portal of University of Mumbai

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	Dr D. V Bhagat	International conference on Environment Development and Sustainability (ICEDS 2018)	KES A.P.Sci. College, Nagothane	2000
2018	Dr.D. V. Bhagat	Workshop on revised Syllabus for T.Y.B.Sc.	KES A.P.Sci. College, Nagothane	700
2018	Dr V. R. Jadhavar	International conference on Environment Development and Sustainability (ICEDS 2018)	KES A.P.Sci. College, Nagothane	2000
2018	Dr V. R. Jadhavar	National Conference on Ground Water Conservation for Sustainable and Regenerative Model for Future	KES A.P.Sci. College, Nagothane	1500
2018	Dr V. R. Jadhavar	A workshop on Revised Syllabi of T.Y.B.Sc.Che mistry (SemV SemVI)	KES A.P.Sci. College, Nagothane	700
2018	Dr V. R. Jadhavar	A workshop on Revised Syllabi of T.Y.B.Sc.Che mistry (Applied Components)	KES A.P.Sci. College, Nagothane	700
2018	Dr V. R. Jadhavar	A workshop on NAAC Revised Assessment Accreditation Framework	KES A.P.Sci. College, Nagothane	1000
2018	Dr. S. T.Morbale	International Conference on environment Development and Sustainability (ICEDS 2018)	KES A.P.Sci. College, Nagothane	2000
2018	Dr. S. T.Morbale	Workshop on REVISED SYLLABUS OF ORGANIC	KES A.P.Sci. College, Nagothane	700

		CHEMISTRY FOR M.SC. SEM III and IV		
2018	Dr. S. T.Morbale	Workshop on Avishakr Research Convention	KES A.P.Sci. College, Nagothane	700
2018	Mrs S. V.Choudhari	InterNational Conference on Environmental development and sustainability (ICEDS 2018)	KES A.P.Sci. College, Nagothane	2000
2018	Mr V. S Shinde	InterNational Conference on Environmental development and sustainability (ICEDS 2018)	KES A.P.Sci. College, Nagothane	2000
2018	Dr S. D. Patil	National Conference on 'Emerging Trends in Material Sciences' (ETIMS) 2018"	KES A.P.Sci. College, Nagothane	1500
2018	Dr S. D. Patil	National Conference on 'Innovative Research in Humanities and Sciences 2018 "	KES A.P.Sci. College, Nagothane	1500
2018	Dr S. D. Patil	'Environment Development and Sustainability (ICEDS 2018)".	KES A.P.Sci. College, Nagothane	2000
2018	Dr S. D. Tupare	International Conference on Environment, Development Sustainability	KES A.P.Sci. College, Nagothane	2000
2018	Dr Sarda Rao	one day state level confernce	KES A.P.Sci. College, Nagothane	1000
2019	Dr. D. V Bhagat	Recent Trends in Chemistry (RTC2019)	KES A.P.Sci. College, Nagothane	1500
2019	Dr. D. V Bhagat	Recent trends in Science (IICRTS2019)	KES A.P.Sci. College, Nagothane	1500
2019	Dr. D. V Bhagat	District level workshop on reaserch	KES A.P.Sci. College, Nagothane	700

		project		
2019	Dr. V. R. Jadhavar	International Interdisciplinary conference on Recent Trends in Science,	KES A.P.Sci. College, Nagothane	2000
2019	Dr. S. T.Morbale	National Conference on Nanotechnology research industry and colleges	KES A.P.Sci. College, Nagothane	1000
2019	Dr. S. T.Morbale	International Interdisiplinary Conference on recent trends in sciences (IICRTS 2019)	KES A.P.Sci. College, Nagothane	2000
2019	Mrs S. V.Choudhari	Research scholar Meet	KES A.P.Sci. College, Nagothane	1500
2019	Mrs S. V.Choudhari	InterNational interdiscipilinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	2000
2019	Mr S. D. Patil	Recent Trends in Science"	KES A.P.Sci. College, Nagothane	1500
2019	Mr S. D. Patil	National Conference on 'Nanotechnology Research in Industry and Colleges	KES A.P.Sci. College, Nagothane	1500
2019	Dr S. D. Tupare	InterNational Interdiscipilinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	2000
2019	Prof M. D. Shirath	InterNational Interdiscipilinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	2000
2019	Prof M. D. Shirath	National Interdiscipilinry	KES A.P.Sci. College,	1500

2019	Dr P. Nirmala	InterNational Interdiscipilinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	1500
2019	Dr Sarda Rao	InterNational Interdiscipilinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	1500
2019	Dr Sarda Rao	one day National confernce	KES A.P.Sci. College, Nagothane	1000
2019	Prof Hemant Jadhav	workshop on Screen Marking	KES A.P.Sci. College, Nagothane	1000

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6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
No Data Entered/Not Applicable !!!						

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6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
Short Term Course	1	23/07/2018	30/07/2018	7
Refrefresher Course	1	12/11/2018	01/12/2018	21
Orientation Course	1	21/05/2018	17/06/2018	21

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
Nill	10	Nill	Nill

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
• Institute administration office looks after General Provident Fund, Gratuity and Defined Contributory Pension Scheme for the benefit of staff • Institute administration actively pursues for approval, promotions, placements and pensions • Facility of Patpedhi Sevak welfare fund • Felicitation of staff member on superannuation Admission to the wards of teaching and nonteaching staff • Felicitation of staff members at the time of annual Prize distribution function • Organisation of Medical checkup camp	• College administration looks after General Provident Fund, Gratuity and Defined Contributory Pension Scheme for the benefit of staff • College administration actively pursues for approval, promotions, placements and pensions • Staff welfare fund • Facility of group medical insurance • Membership of Cooperative bank • Felicitation of nonteaching staff at the time of annual Prize distribution function • Organisation of Medical checkup camp	• Scholarships • Payment of Admission fees in instalments • Bus Concession Pass facility of State Transport Service on college campus. Students' Aid Fund for the provision of financial assistance to needy students. • Health Insurance Scheme for all students • TA and DA to students representing the college in various competitions

6.4 – Financial Management and Resource Mobilization

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

Internal audit: Institute conducts local audits per semester and annual audit through external auditor. These audits are conducted as per the govt. rule. External Audit by Govt.: External Audit of the college is carried out by the government agencies like Accounts General (AG) and Account Officer, Higher Education, Government of Maharashtra.

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
Reliance Jio Info. Com New Mumbai	189351	WiFi Connection

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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	KES Anandibai Pradhan Science College, Nagothane
Administrative	No	Nill	Yes	KES Anandibai Pradhan Science College, Nagothane

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

Following activities were conducted by ParentTeacher Association during the year: 1) Tree Plantation Programme. 2) Organization of Health checkup Camp for faculty. 3) Maintenance of Sport Complex and gymkhana ground.

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

Organized three days' Workshop on Yoga Organized Training Programme on "Safety in Laboratory" Organized One Day Workshop on "Soft Skills at Workplace"

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

• To enhance infrastructure facilities by constructing new building. • To Organise National Conference/Workshop. • Signed MOU's with Chemical and Pharmaceutical Industries to promote Entrepreneurship Development Cell related activities and placements of students respectively. Also sign MOU with PHC for medical Support. • To enhance research culture and activity.

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	First Meeting of IQAC	18/06/2018	18/06/2018	18/06/2018	15
2018	Second Meeting of IQAC	03/12/2018	03/12/2018	03/12/2018	15
2018	Timely submission of AQAR	01/12/2018	01/12/2018	28/12/2018	15
2019	Feedback and analysis	23/03/2019	23/03/2019	30/03/2019	300

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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
Informative program awareness against domestic Violence with ZP Mahila Bal Vikas office Alibag	30/07/2018	30/07/2018	100	50
Celebration of Savitribai Phule and workshop on awareness of Health and Hygiene	03/01/2019	03/01/2019	200	Nill
Celebration of International Women's day ZP Kanya Shala Nagothane	08/03/2019	08/03/2019	60	2
Raksha Bandhan	15/08/2019	15/08/2019	80	54

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
There are different renewable energy sources such as solar energy, wind energy etc., In our campus solar energy are used as a renewable energy source. In the roof of the building solar panels are fixed which gives 12V dc energy. This energy is used as a power supply for different Physics experiments. This 12V dc supply is converted into 5V dc supply and is used for various digital electronic experiments. The led tubes are brightened with the help of 12V supply and is used as a light for microscope in zoology and Botany Lab. Buildings of the institute are well ventilated with glass windows to maximize natural air conditioning and lighting. It helps in conservation of electricity. Still the institute has installed CFLs and LED bulbs. Lights and fans are switched off by floor peons, staff and students after engaging of the classes so that the use of electricity can be minimized. It helps in energy saving. The computers in the Principal's office, library, college office, different departments have LCD monitors to reduce the usage of electricity. Thus, the students and staff are sensitized and made sensible for energy conservation

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Ramp/Rails	Yes	1
Rest Rooms	Yes	1

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date	Duration	Name of initiative	Issues addressed	Number of participating students and staff
2018	1	1	07/07/2018	1	Tree Plantation	100	129
2018	1	1	08/09/2018	1	Anti Plastic Awareness	Social Awareness	123
2018	1	1	02/10/2018	1	Swachch Bharat Abhiyan	Cleanliness campaign	128
2018	1	1	06/01/2019	1	Road safety	Safety awareness programme	113
2018	1	1	25/01/2019	1	Voters Campaign	Social Awareness	123
2018	1	1	06/06/2018	90	Mahiti Doot	Survey	53
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7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
College Prospectus and Hand Book for students	06/06/2018	The prospectus is published each year to provide information about code of conduct for students, programmes offered, admission process, credit grading and semester system, extension activities and support services, welfare schemes, fees structure and academic calendar. The prospectus of College gives information about courses offered for undergraduate and post graduate level. Hand Books provided to the students also provides information about the code of conduct for students to maintain discipline and effective function of the institution.
Academic and Administrative Committees	10/07/2018	Academic and administrative committees

| | | constituted at the beginning of each year assigns responsibilities to the faculty and code of conduct for smooth functioning of the college. |

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Celebration of Savidhan Din	26/11/2018	26/11/2019	66
Celebration of National Integration Day	31/10/2018	31/10/2018	50
International Yoga Day	21/06/2018	21/06/2018	50

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

? Use of Renewable Energy Since our Institute is located on the top of the hill, sunlight is available for the whole day, hence we are trying to make use of this natural resource as a renewable energy source for the campus. ? Water Harvesting In chemistry laboratory rain water is collected and stored and is utilized for experiments throughout the year. ? Check dam construction(Vanrai Bandhara) National Service Scheme volunteers constructed about 5 check dams i.e. Vanrai Bandhara at adopted villages such as Wangni 3, Amdoshi2 .It is an effort made by the institute for water conservation. ? Efforts for Carbon Neutrality ? LPG is used in Chemistry laboratory. LPG is ecofriendly fuel. ? Chemistry laboratory uses combination of electricity and LPG energy to neutralize carbon. Electricity is used for distilled water plant only. Whereas LPG is used for heating the test tubes and heating of allied glasswares as and when needed to meet the need of light energy. ? In Biofertilizers the degradable garbage, leaves and other wastages are used as a natural resources of fertilizer for the plantation which prevent production of carbon as they are not burnt. Thus, the institute works on every aspect to maintain carbon neutrality. ? Plantation: Beautiful green scenery around the institute always reminds the prosperity. Herbal Garden and Botanical Garden in the institute campus is maintained by the students. Other than this, the institution organizes tree plantation activities within the campus and on the lands in NSS adopted area. ? Hazardous Waste Management: The institution has dug waste pits scientifically by using bricks, small stones, sands, etc. through which hazardous waste are disposed after filtration. The utmost care is taken so that drain of hazardous waste is minimal in our institution. Mild reagents, Chemicals, solvents are mostly used wherever possible to regular Chemistry Practical. ? EWaste Management Ewaste arises from computers and other modern electronic mediums. The rate of egarbage is minimal in our institution. Few of the outdated computers are sent for recycling through private agency by following the proper right off procedure

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice1 Title of the Practice: 'Women Development Cell '. Goal: To promote gender equality conscience among girl Students village people. Aim:To increase the strength of girl students in the institute. Women development cell

is statutory body for the prevention/action against sexual harassment of women. It looks into the grievances /complaints of Teaching, Nonteaching staff and students especially in cases of gender discrimination. As per the guidelines of university, WDC is working nicely in the institute. It organizes workshops, seminars and talks to convey the message of gender equality. It also works for increasing the social awareness among students through Posters/Slogans /Essay/ Rangoli competition. Objectives: ? To increase awareness about laws, rights, and opportunities in education. ? To develop selfrespect. ? To increase respect towards women. ? To increase the strength of girl students in the institute. ? To increase physical Strength through Karate Self defense technique ? To promote research in improving woman status. ? To empower the girl students and ladies staff members of the college and make them stand firmly in their lives. ? To encourage girl students to adopt selfemployment by acquiring required skills through Skill Based ShortTerm Courses run by the college. ? To make all the girl students aware of health, hygiene and care to be taken. ? The Context: Equal educational opportunities to all and gender sensitization being one of the cross cutting issues have been the pivotal areas of higher education. But age old patriarchal system, growing cases of sexual harassment over the years, women's safety, their socioeconomic backwardness, negligence of basic human rights to women, etc. are the root causes behind the pathetic status of women in our country. Women are deprived of educational opportunities and equal justice in walks of the life. Unfavourable conditions rampant in the society prevent the girl students to pursue higher education and better careers. Hence, by keeping in view the miserable status of women in the region, the college adopted the best practice of Women Empowerment and gender sensitivity to cherish betterment of the deprived section of the society through orientation and organization of activities supporting the same. Basic purpose behind the activities carried under the practice is to open an array of avenues and opportunities for girl students to attain personal progress and excel in professional life. The fundamental goal of this practice is attain empowerment and enlightenment of all the woman stakeholders of the college through selfawareness and realization by providing them all possible space and opportunities. Gender equality, women's safety and their empowerment has been one of the area of concern nowadays. Timely orientation on the same is the key to prevent mishaps caused by the antisocial groups/forces. The college believes that there is no tool of national development other than the Women empowerment. When girls and women have adequate education, rights, space and opportunities, their families, communities and ultimately the nation prosper. The Practice: The college has formulated a separate Women Development Cell along with the statutory committees such as Antiragging Committee and AntiSexual Harassment Committee for the effective planning and execution of the practice. The cell strives for the conducive milieu for girl students on college campus, their overall development and guaranteed active involvement in different activities. The practice also aims at the discipline to be maintained on the college campus which is one of the requisites for smooth functioning of the college. Women empowerment and Gender Sensitivity include following components: ? Safety of girl students on and off the college campus ? Awareness about Health and Hygiene. ? International Women Day Celebration ? Organization a Gender Equity Lecture ? College offers Skill based short term courses for girls students ? Involvement in cocurricular and extracurricular activities. ? Participation of girl students in sports, NSS, DLLE, Cultural, etc. ? Awareness about the special provisions made by law. ? To Provide redressal mechanism for the grievance or compliance for the girls. ? Implementation: Girls common room is well ventilated and has washrooms, dressing mirrors, Sanitary pad, vending machines with inclinator, first aid box etc. There is suggestion/complaint box outside college office (Sakhi) where girls can give their suggestions to improve in all areas. In case of illness girl students are taken to nearby Primary Health Centre, Nagothane for medical treatment accompanied by a lady

teacher. International Women Day was celebrated on 8th March 2019. The various programmes arranged by WDC and Institute during the year 201819 are given below: 1. Celebration of birth anniversary of Savitribai Phule One day Workshop on Health and Hygiene. On 3/1/2019, On occasion of Savitribai Phule Jayanti, Health hygiene workshop is arranged. Information was given by Dr. Bharti, Medical Officer, from Nagothane. Hospital, Reliance Industries. She talked about Dieses like Aids, Breast Cancer, Cervical Cancer, personal hygiene etc. Celebration of birth anniversaries of Late Smt. Anandibai Pradhan, Kranti Jyoti Savitribai Phule, and Mahatma Phule is arranged by Women development cell. Various competitions like elocution, poem reading, and research presentations were arranged by women development cell. 2. Gender equality program – Informative program awareness of against Domestic Violence: An informative lecture series about information against Domestic violence for girl students in college was arranged by women development cell and Z.P .Mahila Bal Vikas office, (Alibag Office) on 30/7/2018. Resource person for the above topic were safety officialsShri Vinayak Mahdik, Mrs Dipti Ramrame, Shri Dilip Gade, Shrimati Chanchal Wijekar, Mrs. Kalpana Bharmbhe. Beneficiaries were 200 girl students. 3. Rangoli competition – On Annual prize distribution day Rangoli competition was taken by WDC with Chemistry department on the topics of science like, nanoparticles, photosynthesis, global warming etc. Students of MSC Part I students participated in it and winners were given away the prizes. Other topics like national integration, yuva safety was also exhibited with Rangoli. 5. Celebration of international women's day On occasion of international women's day WDC members visited Z. P Kanya Shala. Nagothane on 8/3/2019 and distributed notebooks and chocolates to girls in schools and scholarships were given to the special meritorious students. Dr. Sandesh Gurav, Mrs. Smita Choudhury Mrs Jyoti Prabhakar were present along with MSC students Miss Vaishnavi Kuthe and Mr Karan Kamble. Evidence of Success: It is matter of pride that the efforts of Women Development Cell gave fruitful results and brought success stories for institution such as: ? The admission of girl students increased in the institute. The Total student count of the college is 490 in the year 201819. Out of these male count is 199 and female count is 299. There are there are 20 girls students doing there Post Graduation in chemistry. ? Parents of girls have started giving first preference to our institution in admitting their wards. ? The girls are motivated to join police force and also to pursue higher education. ? WDC took efforts to create the respects about the girls among the boys ? The facility of vending machine is being used and appreciated by girls ? Parents have faith in the secured and safe atmosphere of college campus. ? Student council has large representation by girl students. ? Ragging, Eve teasing/harassment is totally banned in the premises. ? Offenders will be punished. Best Practice2 Title of the Practice: Research and Consultancy services Goal : To promote research. Aim : To motivate students and faculties to enhance research activites for the benifit of community. The following initiatives are taken up by the institute for promotion of research among student and community. ? The institute organizes project exhibition, research poster competition and invites the School, Jr. college students and parents to convey the research findings. ? The institute organizes research poster presentation in the premises which is open for all. ? The institute organizes rangoli competition on "Green chemistry". ? Following Consultancy activities are working in institute: Sr. No. Research Finding Activity Place 1. Air Pollution Monitoring To check Air quality MIDC Roha 2. Water Quality Analysis Physical and Chemical parameters Nagothane 3. Soil Testing Soil Health Card Nagothane and Bhomoli 4. Fish Farming Supplementary occupation for farmers Nagothane 5. Bio fertilizers Organic farming Nagothane 6. Save Electricity Optimum use of Home appliances, Use of Solar Energy and LED lights Aamdoshi and Nagothane ? The Institute have received sactioned of Rs. 800000/ for monitoring two NAMP points at MIDC Dhatav, Tal Roha, Dist Raigad, from Maharashtra Pollution control board. ? Our faculties have published 9 research papers and

37 papers are presented in National International Journals along with the 3 number of MRPs. ? To cope up with the increasing demand of infrastructure two new building are constructed. ? By taking the consideration of increase in strength of students college has build up new buildings of dimension 1100 Sq. metre a construction of one more building of dimension 300 Sq. metre will be started in future. ? In these new buildings four new Chemistry Laboratories are constructed. ? The number of 'MOU' with Neighboring Chemical Industries ,Colleges PHC centre ,MPCB, NICL are strengthen Our college has 'MOU'

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

http://www.apcnagothane.edu.in/images/bestpractice.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

Vision: "Avail the facility of education in the down trodden Community for development of Society." Mission: "Education for all" is the mission of Konkan Education Society and vis à vis College. Our is one of the prime educational institutions affiliated to University of Mumbai. It is run by, presumably the largest educational institution in Raigad District, Maharashtra, founded by the visionary Late Adv. Datta Patil. It relishes the dream of socioeconomic upliftment of the rural masses and their overall development by the means of education. The vision, priority and thrust area of the college are in tune with the objectives of the National Policy on Higher Education. The institution works as per its vision statement: ' The distinctive area of the institute is "Education to students in the down trodden Community for development of Society through Quality Education". The college was established in 1992 in the purview of the splendid aphorism to educate students of farmers, workers, fishermen and saltpan workers of Raigad District, especially rural area. Our college was the sole option made available for higher educational opportunities to the children of the aforesaid populace at the time of its establishment. It has successfully been marching ahead and taking efforts endlessly for the betterment of socioeconomically backward section of the society. The institute has been playing a pivotal role in the development of such students through the means of education. Around 7585 students enrolled in the college belong to economically and socially backward section of the society. The students come from nearby villages in the catchment area of 25 k.m. The students from different villages such Nagothane, Kolad, Khamb, Pen , Amdoshi, Kuhire etc., are enrolled in college each year. We feel proud to mention that the college has made commendable contribution in shaping careers of its thousands of students and played an astonishing role in the overall development of them who in turn have brought laurels to the college, state and country alike. The students have been benefited from the quality education provided by the college and attained the top positions in academic, social, political, cultural, sports, etc. provinces. To support the area of distinctiveness, the college offers traditional programmes like B.Sc. at UG level and M.Sc. at PG level. The college also runs value added programmes like B.Sc. in Information Technology and B.Sc. Computer Science The College offers ShortTerm Courses to cherish the dream of 'One Student One Skill' by inculcating careeroriented skills among the students. Furthermore, the college has a Competitive Examination Guidance Centre that trains the students for different competitive examinations. The academic programmes and career oriented courses offered by the college have been proved beneficial in mounting placement of the students in different fields. Extension activities carried out under NSS, DLLE, and WDC are one the features of the college and its commitment towards overall development of the students. The college conducts variegated outreach activities each year with the help of its

support services to instil life skills among the students. It also

8.Future Plans of Actions for Next Academic Year

The IQAC of the college has planned following activities for next academic year 201819: • To arrange regular meeting of IQAC. • To submit AQAR of the last academic year to NAAC • To submit proposal to University of Mumbai for one additional batch of PG programmes M.Sc. Organic Chemistry by papers and by research. • To explore and implement MOOCs for the benefit of students. • To organize National Conference /Seminar and workshop. • To participate in NIRF 2020 • To participate in Institutional Swachhta Ranking 2018 • To organize workshop on Intellectual Property Rights (RPI) and Research Methodology. • To promote ICT in teachinglearning • To adopt innovations and best practices for effective functioning of the college