



**Konkan Education Society's
Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)**

AQAR Report

2021-22



YEARLY STATUS REPORT - 2021-2022

Part A	
Data of the Institution	
1.Name of the Institution	KONKAN EDUCATION SOCIETY'S ANANDIBAI PRADHAN SCIENCE COLLEGE, NAGOTHANE
• Name of the Head of the institution	Dr. Sandesh Suryakant Gurav
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02194222582
• Mobile No:	8149375082
• Registered e-mail	principalapsc@yahoo.co.in
• Alternate e-mail	sandeshgurav@gmail.com
• Address	Bapusaheb Deshpande Educational Complex
• City/Town	Nagothane
• State/UT	Maharashtra
• Pin Code	402106
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural

• Financial Status	Grants-in aid				
• Name of the Affiliating University	University of Mumbai				
• Name of the IQAC Coordinator	Dr. Dinesh Vasant Bhagat				
• Phone No.	02194223699				
• Alternate phone No.	02194222582				
• Mobile	9960455356				
• IQAC e-mail address	iqacapsn92@gmail.com				
• Alternate e-mail address	bhagat.dinesh72@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://www.apcnagothane.edu.in/images/AQAR2020-21.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.apcnagothane.edu.in/images/cal202122.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	C+	62.20	2004	03/05/2004	02/05/2009
Cycle 2	B	2.20	2012	10/03/2012	09/03/2017
Cycle 3	B+	2.68	2017	30/10/2017	29/10/2022
6.Date of Establishment of IQAC	26/04/2006				
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Chemistry	Minor research Projects	University of Mumbai	2020-21 to 2021-22	160000	
8.Whether composition of IQAC as per latest	Yes				

NAAC guidelines	
<ul style="list-style-type: none"> • Upload latest notification of formation of IQAC 	View File
9.No. of IQAC meetings held during the year	04
<ul style="list-style-type: none"> • Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes
<ul style="list-style-type: none"> • If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
<ul style="list-style-type: none"> • If yes, mention the amount 	
11.Significant contributions made by IQAC during the current year (maximum five bullets)	
<p>1) Research Activity:- In September 2021 Science Bulletin " Prerana" is published by Science Association committee of Institute. ? Dr. Vijay S. Chavan, Dr. S.D. Tupare and DR. D.V. Bhagat are recognised Ph.D. guide under University of Mumbai ?Two students are persuing Ph.D. in Botany under the guidance of Dr. Vijay S. Chavan ?Three students are persuing Ph.D. in Chemistry under the guidance of Dr. Srikrishna D. Tupare ? Dr. M.D. Shirsath has completed his Ph.D. in Chemistry under the supervision of Dr. Dinesh V. Bhagat HOD Chemistry as a co-guide. • Dr. Manohar D. Shirsath, Dr. Vikas S. Shinde and Dr. Mrs. Smita V. Chaudhari awarded Ph.D. degree in academic year 2021-22 ? As a Part of Syllabus M.Sc Part II 24 Research projects Completed doing the academic year 2021- 22. ? As a Part of Syllabus Information Technology 52 Research projects Completed doing the academic year 2021-22. ? For the Academic year 2020-21 four Minor Research Projects were sanctioned by University of Mumbai to department of chemistry with the funding of Rs. 1,60,000. and actual disbarred amount is 1,12,000/- in academic year 2021-22. ? IQAC encourages the faculty members to enhance the research activities and participate in research conference as a result of this, for the academic year 2021-22, 13 research papers and 10 books were published in National and International Journals</p>	

by the Faculty members and they participated to present their research work in the conferences. ? Dr. Dinesh V. Bhagat is appointed as District co-ordinator by University of Mumbai for "Avishkar Research Convention. Science Association Committee motivated the students in large number to participate in Avishkar research Convention at Zonal and University level. •Because of Pandemic situation, Avishkar research convention is conducted by presenting research proposal instead of research projects. •This year 9 research proposals were presented online for the completions and two proposals are selected for University round.

2) Academic Activities :- ? Administrative office with consultation with Department of Chemistry should prepare proposal for an additional batch of PG course (M.Sc. Organic Chemistry) and submit to University of Mumbai. 20% additional strength (4 students) is permitted to admit for PG course from August 2021. It also resolved to submit the proposal for 30% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2021-22 IQAC recommended CDC to Starts admission of MCA course from YCMOU from June 2021, as permission is granted for the course is advertise to start MCA admissions. ? From this year T.Y. B. C.A. admissions has started from YCMOU.

3) Infrastructure :- The Additional Infrastructure in the college has been developed by constructing new building (G+1) which adds up following to the exiting building ? Specious library with reading room. ? Three classroom. ? Two specious and airy Laboratories ? Administrative office. ?Principal Cabin ?Board room ? The Interior of this building will finish by the end of this academis year. • Our Alumni Mr. Dinesh Patki, GM, Softbox, Ltd. Panvel announced to provide financial assistance of Rs. 3.35 for the preparation of practical tables in PG lab. • Our Alumni Mr.Alpesh Deore has announced to raise the funds of Rs.- 10 lacs (approx.) for construction of Conference hall at the top floor of new building .

4) Sports and Games :- ? Previous Gymkhana has been shifted to the new hall and proposal of Rs. 1,04,805/- was prepared for the purchase of Gymkhana material and the order has placed.

5) Placements and Career guidance :- Due to the Covid-19 Pandemic situation Campus placement could not possible. Proposal for conducting placement camp and invitee talk for UG and PG students was send to the following chemical and pharmaceutical industries, 1.Sudarshan Chemical Industries Ltd. Dhatav, Roha 2.Roha dye chem Pvt. Ltd, Roha 3.ELPEE chemicals Pvt. Ltd, Roha 4.Kores India Ltd. Roha 5.Nilicon Industries Ltd. Roha 6.FDC Ltd. Roha 12 students were placed in Industries of MIDC Dhatav, Roha. • Proposal for conducting

invitee sessions for UG and PG students for the sake of preparation of competitive exam was send to the following experts. 1. A Webinar on Careers in Banking & Financial Services Industry Banking and Financial Service Industry overview Resource person: - • Dr. Alok Malhotra - Senior Mentor and head, the Education Delivery of NIIT IFBI. • Speaker Mr. Niranjana T Mohite - Regional Lead for West and South for BFSI Vertical of NIIT. 2) Workshop on Job Opportunities in Central Board of Indirect Taxes & Custom & Central Beauru of Narcotics. Resource person: - Mr. Suhas Patil Sir, Ex. Assistant Commissioner, Faculty of National Academy of Custom, Excise and Narcotics, Mumbai

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1) To conduct meetings of IQAC periodically	Periodically 4 meetings of IQAC were conducted on 06/07/2021, 05/10/2021, 04/01/2022 and 07/04/2022
2) Perspective plan for academic year 2021-2022	IQAC formulated perspective plan for compressing 30 - 35 academic and developmental activities to be carried out during the academic year 2021-22.
3) Submission of AQAR for academic year 2020-21	Online AQAR (Annual Quality Assurance Report) as per the revised format was submitted to NAAC office in 31th Dec. 2021.
4) To fulfil recommendation of NAAC Peer team	Made compliance of the following recommendation suggested by NAAC Peer team. ? ICT including Wi-Fi facility to be argued ? Digital Library to be established ? Development of Infrastructure is in progress.
5) Organization of programme for Alumni and collection of Alumni Funds.	Meeting of Alumni was organised at college and discussion was raised to collect Alumni funds for the development of college. In this meeting some alumni are felicitated by offering Shawl, Shriphal and buckey. ? Our Alumni Mr. Dinesh Patki, GM, Softbox, Ltd. Panvel announced to provide financial assistance of Rs. 3.35 for the preparation of practical tables in PG lab. ? Our Alumni Mr. Alpesh Deore has announced to raise the funds of Rs.- 10 lacs (approx.) for construction of Conference hall at the top floor of new building .
6) To submit proposal for the CSR funds from the MIDC Dhatav Industry	CSR fund proposals are submitted to the industries in MIDC Dhatav, Roha for the development

	of College such as ? Sudarshan Chemical Ltd. ? Clariant Chemicals Ltd. ? Roha Dye Chem Ltd. ? Rathi Dye Chem Ltd. ? Vidhi Dye Chem Ltd.
7) To develop separate website for college library	College has developed a separate web site for Library having URL:- https://sites.google.com/view/apscnlib/home
8) To collect feedback from stakeholders for effective functioning of the Institute	Feedback Committee took feedback online on teachers, students, parents, Alumni, course and infrastructure. Feedback analysis is taken and implemented for the further improvement of functioning of Institute.
9) To Organise National and International Level Conferences	One Day Online National Workshop on "Intellectual Property Rights (IPR) and Patents" Resource person: - Dr. Niranjan Yeole, Scientist- CSIR-NCL, Pune.
10) To conduct certificate courses	Nine certificate courses in the following subjects are conducted for the UG students of the college. However, due to pandemic situation some online lectures and practical demonstration were conducted for the knowledge of students. ? Water Analysis ? Flame Photometer ? Hand Sanitizer ? Soap Preparation ? Use of Technology in Chemistry ? Exploring Chemistry in Daily Life ? Skill and Calibration of Instruments in Chemistry ? Energy Conservation ? Digital Marketing
11) To Organize Workshops	One-day workshop on, "Clean Energy Resources and Solid Waste Management" Resource Person :- Dr. Nitin Lingayat, IOPE Lonere,

	Raigad
12) To Organize webinar/seminars	<p>Seminar, Demonstration of Science experiments and distribution of educational things to girl students in school on Balika Din Venue: - KES, Late Amarchand Jethmal Jain Primary school, Nagothane</p> <p>Resource Person: - Mrs. Smita V. Chaudhari ? Webinar on-Laws of women's Safety- Celebration of international women day'. Resource Person: - Adv.(Mrs). Sonal J. Jain ? Seminar and poster presentation on occasion of International Women's Day. Resource Person: - Prin. Dr Sandesh. S. Gurav ? Seminar on Integrated Approach of Science and Technology for Sustainable Development Resource Person: - Prin. Dr. Sandesh. S. Gurav ? Online Webinar on- Beautiful flower making - Art & Craft program to learn self-employment skills Resource person: - Mrs Neena S. Begumpure, Pune ? Online Webinar on- Importance of Education Resource person: - Mrs. Kirti S. Mulye ? Online webinar on HIV-AIDS Resource person: Dr. Laxmibharti, Medical officer Reliance Industries. Ltd. Nagothane.</p>
13) Publication of Research Papers in reputed journals.	<p>Under the guidance of research committee 13 research papers and 10 books / chapters in a book were published in reputed journals of International and National repute such as Scopus, UGC, Web of Science etc., ? Teachers are also encourages to visit the National and International Conferences to</p>

	present their research work.
14) Submission of research projects	Under the guidance of research committee Department of science streams has submitted research proposals to the funding agencies such as UGC and University of Mumbai. ? 4 MRP's are sanctioned for the 4 faculties of Chemistry by the University of Mumbai. ? The total amount sanctioned for MRP's is Rs. - 1,60,000/- and actual disbarred amount is 1,12,000/-
15) Organization of workshop on value added courses	Department of Botany and Zoology conducted a online workshop on value added courses such as preparation of pranws pickle and ayurvedic cosmetics on 18th May. 2021. Mrs. Shilpa Nikam was available as a resource person to guide and demonstrate for this workshop. 35 students were participated in the workshop.
16) Organization of placement camp for UG and PG students.	For the organisation of Placement Camp, in-charge of Placement cell forwarded a letter to the following Chemical Industries. 1. Sudarshan Chemical Industries Ltd. Dhatav, Roha 2. Roha dye chem Pvt. Ltd, Roha 3. Reptakos Brett and company Ltd. 4. Dhansamand Organics Pvt. Ltd. 5. Archroma India Pvt. Ltd. 6. Relience Industries Ltd. Nagothane 7. FDC Ltd. Roha, Dhatav.
17) Participation of students and faculty in Avishkar Research Convention.	Science Association Committee motivated the students in large number to participate in Avishkar research Convention at Zonal and University level. This year nine research proposals

	<p>were presented online for the completions and two proposals is selected for University round.</p>
<p>18) To start new program/course B.C.A. and M.C.A.</p>	<p>Administrative office with consultation with Department of computer science and IT has prepared proposal and submitted a proposal for new programme in BCA and MCA under YCMOU. Permission is granted to start BCA from June 2019. ? IQAC recommended CDC to Starts admission of MCA course from YCMOU from June 2021, as permission is granted for the course is advertise to start MCA admissions. ? From last year F.Y. B.C.A. and S.Y.B.C.A. has started from YCMOU and this year admission of T. Y. B. C.A. has started. ? This year admission of F.Y.M.C.A. has started. ? 20% additional strength (4 students) is permitted to admit for PG course from August 2021. It also resolved to submit the proposal for 30% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2021-22</p>
<p>19) Planning for the online teaching of UG and PG courses</p>	<p>Due to the Covid-19 Pandemic situation, Time table committee prepared time table of online Lectures, Practical's, Examination (Internal / External). The same was successfully executed on "Microsoft Teams" platform during the Lockdown Period. From January onwards lectures, practical and examination were conducted offline.</p>

13. Whether the AQAR was placed before statutory body?	Yes
---	------------

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	13/08/2022

14. Whether institutional data submitted to AISHE

Year	Date of Submission
2021-2022	19/12/2022

15. Multidisciplinary / interdisciplinary

Our college offers programmes catering to various disciplines such as Information Technology, Computer Science. Also, our college recognises the importance of inter-disciplinary programmes which, by design, motivate learners to be critical thinkers and problem solvers. Our college introduced new inter-disciplinary programmes such as BCA and MCA and MSc in Organic Chemistry aimed at overall holistic and integrated academic development of students. Under NEP, our college can offer students a creative combination of subjects along with cutting edge curricula and flexible options so that they can explore their areas of interest and pursue careers of their choice.

The Vision of National Education Policy, to provide high quality education to develop human resources in our nation as global citizens, is well implemented by the college. A discussion among the faculty members were initiated on the key principles of NEP such as diversity for all curriculum and pedagogy with technological innovations in teaching and learning, encouraging logical decision making and innovation, critical thinking and creativity. In view of the NEP, affiliating university has initiated new interdisciplinary centres integrating different departments in addition to the existing inter/multidisciplinary research and academics through Choice Based Credit System Pattern. In order to attain holistic academic growth of students, Inter-disciplinary curriculum has been proposed by the university which gives freedom to the student to choose their preferred options from the range of programmes offered by the institution. Academic programmes are redesigned to include Multidisciplinary / Interdisciplinary courses as electives. The

college has adopted the policy of University of Mumbai that will support students to get maximum flexibility to choose elective courses offered by the college. The college is proactively working towards implementation of the suggestions given in the NEP.

16.Academic bank of credits (ABC):

The college is affiliated to University of Mumbai and follows a choice-based credit system for all of its programmes as per the guidelines of the university. The implementation of Academic Bank of Credits will be institutionalized as per the guidelines of University of Mumbai and Higher Education Department, Govt. of Maharashtra. University of Mumbai has defined specific credits for each course. Academic Credits earned by the students in each semester are maintained by the examination committee of the college and uploaded on University Portal <https://mum.digitaluniversity.ac> after declaration of results of each semester. The affiliating university stores the academic credits earned by the student from various courses digitally for declaration of final results of degree programme. The stored ABC can be used for credit transfer of students who want to avail the benefit of multiple entry and multiple exit as expected in NEP. Department of Examination and Evaluation Board of University of Mumbai preserves ABC and provides technical support system for the same. The college will formally get registered in the ABC portal after receiving the guidelines from the competent authority.

17.Skill development:

Most of the certificate courses offered by our college cater to development of employable skills in the students, viz. critiquing, problem-solving, creativity, soft skills, group dynamics, leadership, stress management, financial literacy, etc. This is facilitated through various courses such as Foundation Course. Also, a plethora of value-added courses such as perfume, agarbatti, hand sanitizer, Phenyl, prawn pickle etc., also offered to the students which aim to cultivate life skills among students. The skills learnt by the students not only help them to develop self-confidence but also enable them to make a positive contribution in their chosen career field through enhanced cognitive, socio-economic, technical and digital skills. Our college has tied up with many national and international online platforms like Infosys springboard whereby our students can register for the courses offered by these platforms. Our college proposes to continue with its efforts to provide skill-based education to our students with a vision to make them self-reliant.

18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)

Our college has always fostered an inclusive knowledge system focusing on integrating Indian language and culture in the curriculum. Through Career Katta online Platform our college aims to make our students well versed with the rich culture and heritage of India. Our college has an active Marathi Vangmay Mandal which organise events such as elocution and poetry writing competitions to spread awareness about Indian languages. Hindi Diwas is celebrated in the college to promote Hindi. Various festivals and other cultural events are celebrated with gusto. Our college also intends to offer online short term courses in Indian languages such as Certificate course in Human rights, Communication skill and personality development, rural development, green chemistry which students can complete for extra credits.

19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):

The Course Outcomes are designed for each course in alignment with the Programme Specific Outcomes which ensure achievement of the Programme Outcomes in congruence with the Mission and Vision statement of the college. The achievement of Course Outcomes and Programme Outcomes is determined by measurement of Attainment Levels for each student and remedial measures are taken in case of nonattainment of the Outcomes. The successful implementation of Outcome Based Education has resulted in clarity in the learners' expectation Also, our curriculum is globally competent, locally relevant and caters to the requirements of employers in particular and society in general by blending core values of Higher Education and the Vision and Mission of the institution. Our college proposes to continuously upgrade and improve upon the practice of Outcome Based Education. This will be achieved by focusing on the learners' attainment of competencies and a regular monitoring of our teaching learning process and curriculum design.

20.Distance education/online education:

Our college recognises the need for technology driven education to the students. The faculty is using modern ICT tools for delivering online lectures as well as for sharing learning resources and conducting various educational activities to encourage participatory learning. The college has also put in place a IT system for conducting online examinations and assessments. Our college has tied up with NPTEL of UGC, Swayam, and IIT Spoken Tutorial whereby our

students can register for the courses offered by these platforms and earn credits. These collaborations have enabled our students to get more acquainted with online learning modes. Relevant academic programmes have been designed for our students which are conducted on online platforms. For instance, the COIST programme establishes among the students the significance of online research tools and techniques, and helps them learn how to efficiently use online databases, journals and eBooks (COIST stands for Certificate Course in Online Information Sources Tools and Techniques). Similarly, preparatory courses for skill development are being conducted for students through online platforms by Career Kata Programme under the department of Higher and technical education and Maharashtra Information Technological Support Centre.

Extended Profile

1.Programme

1.1	11
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	529
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	356
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	182
Number of outgoing/ final year students during the year	

File Description	Documents
Data Template	View File

3.Academic

3.1	26
Number of full time teachers during the year	

File Description	Documents
Data Template	View File

3.2	33
Number of Sanctioned posts during the year	

File Description	Documents
Data Template	View File

4.Institution

4.1	10
Total number of Classrooms and Seminar halls	

4.2	183.92531
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	04
Total number of computers on campus for academic purposes	

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

The College is affiliated to University of Mumbai and hence all departments are required to implement the curriculum designed by the University of Mumbai. The curriculum is displayed on the website of the University and also available in all the departments.

Teaching activities: - The Head of the Departments look after the performance and the effective implementation of academic calendar and teaching plan. The college uses traditional chalk and talk methods as well as innovative, interactive and ICT enabled teaching-learning processes to make education understandable. The teacher uses student's centric learning methods such as seminars, group discussion, projects, assignments and encourages participative and experiential learning. Extra-curricular and extension activities are also conducted for the development of a student's personality.

Curriculum Activities: -Remedial Coaching Classes are conducted for slow learners. For advanced learner's additional assistance are given to increase their knowledge and skill. Social media like YouTube, Google classroom, What's app, zoom, Microsoft teams etc. are being used.

Research Activities:- Every year students are motivated and participate in the Avishkar research festival conducted by the university. The research projects are also given to the PG, T.Y. B. Sc. (I.T.) and T.Y.B.Sc. (C.S.) students under the guidance of respective faculties.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.apcnagothane.edu.in/images/1.1.1%20Teaching%20Plan2122.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

The academic calendar is prepared so that teachers should know all the activities regarding the continuous internal evaluation process and it is also published in the prospectus of the college. Continuous evaluation has been taken throughout the year by the institution by conducting the following evaluation approaches such as Regular attendance in the class, Written/Oral Test, Interaction, Question-answer sessions, Classroom Seminars, Home assignments, Power Point Presentations, Unit Tests, Group Discussions, Class Tests, Projects, Surprise Tests, Field Visits Tutorials, Survey, Viva-voce, Excursions, E-test, Online Test, Quiz through Google Forms.

The review of internal assessment is taken by the Principal. For the implementation of the internal assessment process, an examination

committee is formed at the college level which monitors the overall internal assessment process. Due to COVID-19 Pandemic Examinations are conducted with the use of Google Forms. The results of the examination are uploaded on the college website for awareness of Stakeholders. Through the departmental meeting the teachers are assigned the subjects to be taught during the academic year. Principal conducts meetings of different departments to see the progress of the teaching plan and its implementation and suggestions are given for effective implementation.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.apcnagothane.edu.in/images/1.1.2%20CIE%20Report2122.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

09

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

205

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

205

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

The curriculum provides protection, development and gender equality.

The institution runs the courses in Science stream.

Environment and Sustainability: - The students got knowledge of environmental studies in their degree program through Foundation course, Botany and Zoology syllabus and sustainability through the various activities and programs under NSS and DLLE unit like Poster competition, Tree Plantation, E- Waste Collection, store rain water and used it as a distilled water.

Gender Equity: - The women development cell has arranged lectures on Human Rights and Current women issues. Lectures on domestic violence were organised by WDC in collaboration with the police department. Anti ragging cell was framed to create awareness among the students against ragging. Student's Grievance cell is involved in prevention, prohibition, and redress of the compliance of students.

Human Values: - The institution organizes programs to inculcate human values in students, staff and society by Blood donation camp regularly organize by NSS and DLLE unit like use of mask, need of social distancing, sanitization to prevent Covid - 19 pandemic.

Profession Ethics: - Topics on Profession Ethics have been incorporated in programs like F.C. by the university of Mumbai. Various lectures arranged for career development and up gradation of knowledge.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

04

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

248

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders Students Teachers Employers Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows	A. Feedback collected, analyzed and action taken and feedback available on website
---	---

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.apcnagothane.edu.in/images/1.4.1%20Feedback%20analysis%20report2122.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

684

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

301

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institution is committed to enhance the academic performance of the enrolled students. The slow and fast learners are identified on

the basis of their performance in previous board or university examinations, responsiveness in classroom and also through performances in Semester End Examinations, Class tests, Presentations, Viva-voce Examinations etc., on regular basis.

The teachers remain in regular contact with slow learners within and outside the campus which helps to encourage slow learners to share their queries and doubts with the teachers.

Specific steps adopted for slow learners: Bilingual explanations, discussions, interactions and remedial coaching, concept clarification and problem solving exercises, provision for simplified but standard lecture notes, revision of theory topics and practical's, enhancement of communication skills, Special guidance on examinations and question paper patterns, individual academic counselling and guidance, review of progress after each semester.

The institute provides adequate platforms to develop the all-round skills and abilities of advance learners.

Specific steps adopted for advanced learners: Motivation and guidance to participate in different competitions like elocution, debate, quiz competition etc. and competitive examinations, encourage to participate in 'Avishkar' a research convention, guidance for effective use of library resources, motivation to participate in workshops and seminars, encourage to use learning online resources, felicitation of meritorious students during prize distribution ceremony.

Expected Outcomes: Improvement in regularity and involvement in classroom teaching- learning, development in self-confidence amongst students, nurturing personal motivation, improvement in examination results, development of confidence to face the placement interviews, enhanced interest in chosen course.

File Description	Documents
Link for additional Information	http://www.apcnagothane.edu.in/images/2.2.1%20The%20institution%20advanced%20and%20slow%20learner2122.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
529	26

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Experiential learning is an engaged learning process whereby students “learn by doing” and by reflecting on the experience. Well-planned, supervised and assessed experiential learning programs can stimulate learner’s career development, cultural awareness and leadership skills. In Experiential learning students learn to take initiative, make decisions, and be accountable for the results. Students engage intellectually, creatively, emotionally, socially, or physically. Activities like Curriculum Research Projects, ‘Avishkar’ Research Convention, Expert Lectures, Wall Paper publication etc. are conducted.

Participative learning approach is a form of reflective learning approach which is learner centred teaching method. This method focuses the self-construction of knowledge. Different departments and committees arrange programs for learners to participate in different activities and learn on their own. Participatory methods expect a personal involvement in the learning process. They are contemporary student’s centric methods of education. Induction programs, E-classroom sessions, seminars / webinars, workshops, training programs, Online Group Discussions, Socio-economical activities /awareness programmes / drives, Celebration of different days are some activities college organize throughout the academic year to nurture the students’ participation.

Problem solving is a necessary skill in all disciplines and one that the college is focusing on as part of the student centric methods, which provides students the opportunity to achieve new levels of excellence in key skills in a modern education. Problem solving activities help students, how to solve problems effectively and efficiently. College gives emphasis on activities like Projects, Group discussions, Question-Answer Session, Training Programs, Quiz Competition, Career opportunities etc.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/2.3.1%20Students%20Centric%20Methods2122.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

ICT enabled learning platform has been put to extensive use during the pandemic times when online teaching-learning became the only mode of communication between the teachers and the students. Regular classes are taken through this online platform according to a time-table set by the institution. The faculty members are effectively using ICT-enabled tools like computers/laptops, LCD projectors, headphones, internet, PPT presentations, YouTube links, e-contents, WhatsApp, Microsoft Team, Zoom and Google classrooms etc. to improve teaching and learning. Microsoft Team, and Zoom platforms are extensively used to conduct theory lectures, Practical demonstrations and for conducting webinars. In the first term of the academic year Institute website, Google Classrooms and WhatsApp groups are used as platforms to teach, communicate, provide syllabus and study materials, sample questions, make announcements, conduct tests, upload assignments, address queries and to share information. In the second term offline lectures and practicals were also conducted. The website of the University of Mumbai is provided to the students to enable the students regarding university circulars, ordinances, notifications, syllabus, time-tables, results and other important information. The library also provides access to computers and online journals and e-books freely available in the public domain. The regular use of ICT techniques in teaching-learning has made teaching-learning process lively, student-centric and conscious. Students reflect in a very positive manner towards education while using e-resources to complete tasks given to them. ICT tools develops creative and critical thinking as well as scientific temper among the students and encourage students to achieve their objective.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.apcnagothane.edu.in/images/2.3.2%20Teachers%20use%20ICT%20enabled%20tools2122.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

26

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

26

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

11

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

359

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

The mechanism of internal assessment in the institution is transparent and robust. It follows the regulations and guidelines of University of Mumbai for the internal evaluation process of theory and practical examinations. At the beginning of academic session, IQAC of the college prepares yearly calendar with the consultation of all the heads of departments for smooth and effective implementation of internal assessment. The process of conducting internal assessments and examinations is also informed to students during the orientation/induction program. The program of internal assessment is prepared and posted on the Institution's website & WhatsApp group of respective classes and circulated for staff and students.

Institute provides sample questions of each course on the institute website and WhatsApp groups to enable the students about the pattern of the questions. Institute also provides a question bank of each course for Practical Viva-voce Examinations to the students which

helped them to get the correct essence of the questions asked in practical examination. In first term of the academic year, internal assessments are taken online due to the Covid-19 pandemic but in second term internal examinations are taken offline. During online assignment/examination if students face any technical or internet issue and if it is communicated immediately to the Principal of the institute then their re-assignment / re-examination is also conducted as per the guidelines of the University of Mumbai. Due care and the track are maintained till the submission/completion of assignments during online examinations

File Description	Documents
Any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/2.5.1%20-%20Mechanism%20of%20internal%20assessment%202122.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Mostly grievances related to the examination are received after declaration of results or after convocation ceremony. The Institute follows well defined mechanism to deal with internal examination related grievances and is transparent, time bound and efficient as given below:

1. Institute follows transparent mechanism developed by the provision of separate Examination Committee and Unfair Means Committee.
2. After receiving the grievances related internal examination from the students, the examination committee verifies the same and take necessary measures stipulated time. Process is time bounded and efficient. As per the University Guidelines and nature of grievances, the process is completed within one or two weeks. College related grievances are mostly resolved in day or two.
3. Discrepancies in name especially correction in Devanagari name on Convocation Certificate, selection of course, course code, late fees, etc. are forwarded to the University for necessary corrections in due time. Grievances related to verification of marks are forwarded to the University for authentication and necessary action. Issues of absentee, submission of project / assignment, marks awarded etc., notify to the concerned subject teacher / HoD /

Examination In-charge. The continuous communication is maintained by the Principal and Examination In-charge with the university authorities for speedy disposal of queries and doubts if any. As per internal or practical examinations are concerned, if any student pin points any academic discrepancy during conduct of tests / examination, the concerned teachers / Examination Committee / Principal wholeheartedly show their concern and the attention is given to the student grievances.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/2.5.2%20-%20Mechanism%20to%20deal%20with%20internal%20examination2122.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute has a proper mechanism of communication of the learning outcomes of the Programs and Courses, includes;

The Syllabi of each programme and course is framed by the Board of Studies, University of Mumbai and the concerned syllabi after rigorous consultation with all faculty members and the stakeholders finalized by University. Being affiliated to University of Mumbai, the institution follows university syllabi for teaching, learning and evaluation mechanism. The institution framed the learning outcomes for the programs and courses offered by it at Under Graduate and Post Graduate levels in tune with the syllabi prescribed for the same by the University of Mumbai for the overall development of the students. Learning outcomes are framed and finalized by the subject teachers of each teaching department by considering the syllabi of the programme and courses. The combined documents containing stated Programme Outcomes (PO), Program Specific Outcomes (PSO) and Course Outcomes (CO) of all programmes and Courses offered by the college are uploaded on the institute website at

<http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>. The students are informed to download and read the same. Hard Copies of syllabi and course/programme outcomes are made available in the respective departments and library for ready reference to the teachers and students.

The PO, PSO and CO are also shared and discussed with the students by Principal, IQAC coordinator, senior faculty members during induction program which is conducted every year for first year students in the beginning of the academic year.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.apcnagothane.edu.in/images/2.6.1%20-%20Teachers%20and%20students%20are%20aware%20of%20the%20stated%20Programme%20and%20course2122.pdf
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The performance of students is monitored and evaluated for measuring the attainment of PO, PSO and CO through internal, external evaluation, and placement, progression to higher studies and skill development.

The college follows formal and informal mechanisms for the measurement of attainment of the learning outcomes; however, the attainment is computed mainly by considering formal mechanism.

Formal Mechanism (Direct Method):

Pass Percentage: The evaluation of attainment of CO of the department is done by the marks/grades obtained by the students in the final semester end examination of each course (paper) of the programme and pass percentage of the students in the final semester end university examination of the programme.

Feedback from Students: Every department of the college collects the feedback from passed out final year students on attainment of PO through the survey form. The analysis of feedback collected from students was done by respective department and report of the same is prepared.

Informal Mechanism (Indirect Method): Attainment of PO and CO are also evaluated through the Class tests, classroom interactions, attendance, group discussion, research project, viva-voce and competitions. These test the conceptual understanding, memory,

specific knowledge, communication, critical thinking and writing skills. Also, number of Students' progression to higher studies like UG to PG and PG to Ph.D. reflects the PO and CO. Some Students opt for competitive examinations. Placement through On / Off Campus interviews and selection process, self-employment and social initiative of students show the result of Programme and Course Outcomes as stated by the Institution.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.apcnagothane.edu.in/images/2.6.2%20-%20Attainment%20of%20Programme%20outcomes%20and%20course2122.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

182

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.apcnagothane.edu.in/images/2.6.3%20-%20Pass%20percentage%20of%20Students%20during%20the%20year2122.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

[http://www.apcnagothane.edu.in/images/2.7.1%20-%20Student%20Satisfaction%20Survey%20\(SSS\)2122.pdf](http://www.apcnagothane.edu.in/images/2.7.1%20-%20Student%20Satisfaction%20Survey%20(SSS)2122.pdf)

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.15

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://mu.ac.in/wp-content/uploads/2020/03/apd762201920.pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year

07

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

13

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

10

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

National Service Scheme (NSS) Unit conducts activities focused on environmental protection, Swatch Bharat Abhiyan, tree plantation, HIV-AIDS Awareness Programme, Voters Day Awareness Programme, Yoga and

Suryanamskarand blood donation

NSS units donated essential items to the flood affected region of Konkan, Maharashtra.

Women Development Cell has organized Online Webinars on Beautiful flower making - Art & Craft program to learn self employment skills, Importance of Education and Laws of women's Safety.

WDC has organised Poster presentation on the occasion of International Women's Day.

College has Organised Vaccination Drive against Covid-19.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/3.3.1%20-%20Extension%20activities%20are%20carried%20out%20in%20the%20neighborhood%20community%202122.pdf
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

11

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc.,

during the year

36

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

450

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

34

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

21

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The college has science and technology subject courses. The college runs UG and PG courses. There is adequate physical infrastructure in terms of classrooms, laboratories, and computer labs to facilitate teaching and learning. The total area of the plot used for the building is 16187.424 sq. m. There are 9 classrooms with LCD, 3 well-equipped chemistry labs, 1 physics lab, 1 botany lab, and 1 zoology lab for science practical with instruments such as 06 digital balance, 02 flame photometer, 11 colorimeter, 04 oven, 03 sanction pump, turbidimeter, Ion meter, signal generator, Newton Ring, 10 digital multimeter, 10 student microscope, autoclave, binocular microscope, and digital balance. There are 2 computer labs with LCD, Wifi, and LAN facilities for computer science and information technology courses. MS office, visual studio, MS SQL server, Sci lab, R Studio, MM logic, Netbeams, turboo c++, python, eclipse, Linux 05 such software used for learning. There is a 2725.50 sq. mts. play ground and a well equipped gymkhana for table tennis, chess, carom and warming exercise.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/4.1.1%20-%20The%20Institution%20has%20adequate%20infrastructure%20and%20physical%20facilities%20for%20teaching-%20learning2122.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The college has good facilities for conducting sports, games and cultural activities.

The college is having open ground of approximate area 2725.50 sq. m.

Sports facilities have been established for various indoor and outdoor games.

Indoor Games: Chess, Caroms, Table Tennis

Outdoor Games: Volleyball, Kabaddi, Kho-Kho, High Jump, Long Jump

Sports & Games play an integral part in the all-round development of the student. Keeping this in mind the institution has a definite policy and plan of action to encourage sports & games.

The institution has spacious and well-equipped sports complex having total carpet area 190 sq. m

Separate common Room for boys: 19.5 sq. m.

Separate Common for girls: 32 sq. m

Multi gymnasium unit : 44.66 sq. m.

CULTURAL Facilities: A Well-equipped and established cultural club is functioning in the college premises. We have organized various cultural events in our college premises at University level there by extracted the hidden cultural talent of the students. Under cultural activities, we celebrated for number of functions and conducted various competitions.

YOGA Centre: There is no separate yoga centre. we conduct this

activity in seminar hall. We also conducted yoga from the eminent yoga teachers once in a month. We also found huge number of students shown their interest to participate in yoga. Yoga became part of our curriculum after finding the importance of yoga.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/sports&cultural.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

10

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/4.1.3%20-%20Number%20of%20classrooms%20and%20seminar%20halls%20with%20ICT2122.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

22

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

Name of ILMS software- SOUL 3.0

Nature of automation (fully or partially)- Fully • Version- 3.0 •

Year of Automation- 2014

The Library has Fully automated. Library has using Acquisition model, Cataloguing model. Circulation model, Serial Control model and OPAC.

The library has provides OPAC facilities for students and faculty members.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	http://www.apcnagothane.edu.in/images/4.2.1%20library%20automated%20using%20ILMS2122.pdf

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

0.78305

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

50

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college is committed to provide sufficient IT and Wi-Fi facilities for the smooth conduct of curricular, extracurricular and extension activities on campus. The college administration has been very keen and has made efforts for creation and maintenance of IT and Wi-Fi facilities during the year to keep pace with the academic

growth of the college. Features of the policy adopted by the college for IT and Wi-Fi facilities are:

- To collect reports on IT infrastructural needs from all HODs, Chairmen of support services like library, gymkhana, NSS, WDC, Placement Cell and Research Committee periodically.
- To make planning for short and long term software requirements and adhere with the same for effective execution.
- To make planning for installation and maintenance of Wi-Fi.
- To create/enhance IT and Wi-Fi facility on priority basis to support the institutional goal of imparting quality education and promote teaching learning environment through ICT class rooms.
- The college has College Development Committee, Purchase Committee, Digital College Committee, etc. that plan for maintenance and upkeep of the IT infrastructure, facilities, equipment and WIFI facility of the college.
- IQAC of the college recommends the required IT infrastructure to CDC of the college, which is approved and implemented

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/4.3.1%20-%20Institution%20frequently%20updates%20its%20IT%20facilities%20including%20Wi-Fi2122.pdf

4.3.2 - Number of Computers

59

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

B. 30 - 50MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

183.92531

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

A. Laboratory:-

- Maintenance records of account are maintained by lab technicians and supervised by HODs of the concerned departments.
- The microscopes used for biological and geological experiments are annually cleaned and maintained by the concerned departments and records of maintenance are maintained by lab technicians and supervised by HODs of the concerned departments.
- There is a prior provision of disposal of waste of all types such as solid and liquid waste as well as e-waste.

B. Library:-

- The requirement and list of books are taken from the concerned

departments and HoDs are involved in the process. The finalized list of required books are duly approved and signed by the Principal

- Library has subscribe INFLIBNET-NLIST database
- The proper account of visitors (students and staff) on daily basis is maintained.

C. Sports:-

- College has provided Indoor and Outdoor games facilities to the students.
- College has allocated separate budgets for sports.
- College has promoted students to participated in Zonal level, University level and national level Sports.

D. Computer:-

- College has establish separate computer laboratory for Computer Science and Information Technology course student
- Computer Maintenance through Omkar Enterprises is done regularly.
- Non-repairable systems are disposal off through the maintenance and repairs committee.

E. Classrooms:-

- College has provided well equipped and ICT based classrooms

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/policies.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the

Government during the year

11

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefitted by scholarships, free ships, etc provided by the institution / non- government agencies during the year

51

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

**5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills
Language and communication skills Life skills
(Yoga, physical fitness, health and hygiene)
ICT/computing skills**

B. 3 of the above

File Description	Documents
Link to institutional website	http://www.apcnagothane.edu.in/images/5.1.3%20-%20Capacity%20building%20and%20skills%20enhancement%20initiatives%20taken%20by%20the%20institution2122.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

259

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

259

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

12

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

32

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government

examinations) during the year

00

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

04

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The college has a Student Council as a statutory body constituted every year as per the Maharashtra University Act, 2016. Selection: Selection of the members of the Student Council is made purely on merit basis (academic merit at previous year examination) and outstanding performance given in extension activities like NSS, sports, DLLE and Cultural as per the guidelines laid down by the affiliating university.

1.Miss. Purva Gaikar- Admission Committee

2. Mr. Mishra Vinit -Unfair Means Enquiry Committee
3. Mr. Kunal Patil-Gymkhana Committee
4. Mr. Prathmesh Suresh Avhad-Library Committee
5. Miss. Sayali Karale- Women's Development Cell
6. Mr. Nayan Bramne- College Magazine/Annual Report Committee
7. Mr. Pratham Parange - Alumni Association Committee
8. Miss. Swati Mishrar- Teachers & Student Grievance Committee
9. Miss. Shrushti Khandekar -Career Guidance & Placement Cell
10. Miss. Nivedita Mhatre -IQAC/ Quality Assurance Cell
11. Miss. Kunal Khandekar -Students Parents Teacher Association
12. Mr. Sameer Khandekar -N.S.S. Advisory Committee
13. Miss. Anushka Tamboli -Nature Club
14. Mr. Aakrosh Patil -Excursions & Industrial Visit
15. Mr. Uttam Bavadhane -Discipline Committee/Anti Ragging Committee
16. Mr. Tadkar Jayesh -Digital College Committee
17. Mr. Bharat Shid -Committee For implementation of Rules & Regulation of Backward Class (Student & Teachers) and Scholarship
18. Mr. Ruchika Nikam -Science Association / College Research Cell
19. Miss. Janavi Ghotgalkar -Extension Activity & Work Experience Project Committee
20. Miss. Anuja Watve -Cultural Activity- Committee /Marathi Bhasha mandal
21. Miss. Awad Sejal -Web Site Committee

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/5.3.2%20Institution%20facilitates%20students%E2%80%99%20representation%20and%20engagement%20in%20various%20administrative,%20co-curricular%20and%20extracurricular%20activities2122.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

03

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

The college has an Alumni Association committee that contributes significantly to the development of the institution through financial and/or other support services. The working committee for the Alumni Association of the college is,

- Dr. S. D. Tupare - In - Charge
- Dr. S. D. Patil - member
- Mr. J. V. Patil -member
- Dr. V. S. Shinde - member

- Dr. V.R. Jadhavar- member
- Mrs. Nilam Mahale - member

The composition of the Alumni Association is

1. Mrs. Adv. Sonal Jain- President
2. Mrs. Nilam Shelar – Vice President
3. Mrs. Manasi V. Shelar - Secretary
4. Miss. Nivedita Mhatre – Co-Secretary
5. Miss. Ruchika Nikam – Co - Secretary
6. Mr. Rakesh Sawant – Co-Secretary
7. Mr. Haresh parange– Co - Secretary
8. Mrs. Chaitrali N. Patil – Treasurer
9. Mr. Dinesh Patki - Member
10. Mrs. Poonam D. Joshi– Member
11. Mr. Mahesh Kavalekar ----Member

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/5.4.1%20-%20There%20is%20a%20registered%20Alumni%20Association2122.pdf
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs)

C. 3 Lakhs - 4Lakhs

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

Mission: "Education for all" is the mission of Konkan Education Society and vis à vis College. The institution works as per its vision statement: "Education to students in the down trodden Community for development of Society through Quality Education". The vision, priority and thrust area of the college are in tune with the

objectives of the National Policy on Higher 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. Some of the prominent category students studied in the college are member of Legislative Assembly. The college offers traditional programmes like B.Sc. at UG level and M.Sc. at PG level, and also value added programmes like B.Sc. in Information Technology and B.Sc. Computer Science. 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.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.1.1%20-%20The%20governance%20of%20the%20institution2122.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Principal of our Institute believes in delegation of authority and decentralization. Accordingly, the governing system of the institution prefers decision making in democratic, participative and decentralized manner. The Principal, IQAC coordinator, HOD's and Senior Professors are responsible for the academic and administrative leadership of the college.

Some of the participative practices are as follows:

1. The Principal looks after the governance of institution under the guidance of Office Bearers of the Sanstha, and College Development Committee.
2. Nomination of senior faculty members in administrative committees such as CDC, Coordination Committee, etc.
3. Appointment of Head of departments for planning and execution of

curricular, co-curricular and extracurricular activities.

4. The Head clerk handles financial matters, Senior and Junior Clerks look after admission, scholarships, salary, enrollment and examinations.

5. Lab Assistant and Lab Attendants take care of laboratories.

6. Librarian and Library attendants look after administration of library and Peons shoulder the responsibility of cleanliness of college premises.

7. Members of Examination Committee look after the smooth conduction of examinations.

8. Students Council supports in organizing various activities.

9. Statutory and non-statutory committees contribute in smooth functioning of the college.

10. The participative governance of the institution is reflected through Student representation and involvement of stakeholders.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.1.2%20-%20The%20effective%20leadership2122.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Among the implemented activities for the fulfillment of Strategic Plan, Research and development activity described below:

The college has University recognized Ph.D. Guides in Chemistry and Botany. Also College has University recognized research guide for M.Sc. by research in Chemistry There is a separate Research Committee to look after and implement strategies formulated for research and development. Following initiatives are undertaken to improve the quality of research and development in the college.

- Teachers are encouraged to undertake minor and major research projects of various funding agencies.

- Research advisory committee monitor and control ethical aspect of research.
- Teachers and students are encouraged to attend seminars, conferences/workshops. Financial support is given to them for their participation/involvement in such ventures.
- Teachers are encouraged to pursue M.Phil./Ph.D./Post-doctoral degree in their respective subjects.
- Teachers are encouraged to acquire recognition as research guides from University and process is initiated to start Ph.D.
- Organization of state, national and international webinars in different disciplines.
- Provide the financial assistance to teachers and students to participate in Avishkar Research Convention.
- Development of Reference Section in the Central Library to facilitate research scholars of the college.
- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and departments.
- Strengthening linkages/collaborations/tie-ups with research institutes/ laboratories/industry.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.2.1%20The%20institutional%20Strategic%20perspective%20plan2122.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies,

administrative setup, appointment and service rules, procedures, etc.

The college is governed by the Konkan Education Society, Alibag. The General body, Managing Council, Executive Committee, Higher Education Committee, Co-ordination Committee judiciously look after the management of the Sanstha and its affiliated colleges. The Sanstha controls, monitors and plan for financial matters. The college submits the major developmental proposals/schemes to the Sanstha for its approval. The College development committee (CDC) is constituted according to the Maharashtra Universities Act of 2016. The CDC is the apex body at college level. It is committee of 15 members nominated from industry, social workers, alumnae, local society, education, principal, head of the departments, teaching, non-teaching staffs, and student representatives. Principal is academic and administrative head of the college. IQAC coordinator assist the Principal for smooth functioning of the administrative system and smooth conduction of academic programmes. The head of departments looks after administration of respective department through planning and various activities. The same mechanism is adopted for all the support services of the college. The Administrative Office mainly looks into matters related to accounts, admissions, scholarships, eligibility and examinations. Statutory and Non-statutory Committees help the college in monitoring and facilitating several administrative functions and organization of college activities. The IQAC is constituted as per the directives by NAAC. It has vital link with all the constituents of the college and takes special care in ensuring the enhancement and sustenance of quality and excellence of the college.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.2.2%20-%20The%20functioning%20of%20the%20institutional%20bodies2122.pdf
Link to Organogram of the Institution webpage	http://www.apcnagothane.edu.in/images/6.2.2%20Organogram%20of%20the%20Institution2122.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination	A. All of the above
---	----------------------------

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching Staff: - 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
- Organization of Medical checkup camp

Non-teaching Staff:-

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 Konkan Education Society Patpedhi
- Felicitation of nonteaching staff at the time of annual Prize distribution function
- Felicitation of staff-member on superannuation
- Organization of Medical checkup camp

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.3.1%20-%20The%20institution%20has%20effective%20welfare%20measures2122.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

01

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

01

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

06

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

Performance Appraisal System: .

Key Performance Indicator (KPI) for the Principal:- Key Performance Indicator is used for assessment of administrative performance of the Principal by the parent institute as per the guidelines of Govt. of Maharashtra. .

Academic Performance Indicator (API) Performance based Appraisal System (PBAS) for Faculty: Performance of each faculty is evaluated with the help of Performance based Appraisal System as per the guidelines of UGC and affiliating university. Performance of faculty under Teaching, Learning, Evaluation, Curricular, Extension, Professional Development and Research Contribution is assessed by the IQAC for promotion under Career Advancement Scheme. 01faculty memberhasbeen promoted under Career Advancement Scheme during the year.

Confidential Reports for Non-Teaching Staff:- Confidential Reports are used to evaluate performance of nonteaching staff as per the norms of govt. of Maharashtra. The Principal assesses the performance and communicate the same to parent institution each year with his observations andrecommendations. The Confidential Reports are considered by the Sanstha for promotion of non-teaching staff.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.3.5%20-%20Institutions%20Performance%20Appraisal%20System2122.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution conducts internal and external financial audits on regularly basis as per the guidelines of Govt. of Maharashtra and Parent Institution.

Following are the mechanisms for internal and external audit:

Internal Audit:-

The college has appointed a Chartered Accountant Mr. Bhalchandra Lonkar as a internal auditor. He is responsible for concurrent audit of the college. He submits details of expenditure on twice a yearbasis to the CDC of institution and concerned authority.

Besides this, the Sanstha has a separate Audit Department comprising Chartered Accountant/s which conducts the audit of the college twice

in a financial year. Both the kinds of internal audits are conducted by following all the rules laid down by the govt. and the Sanstha.

External Audit :-

External Audit of the college is carried out by the government agencies like Accounts General (AG) and submit the report to the Govt.

Internal and external financial audits carried out during the year 2021-22

- **Internal audit:** The Konkan Education Society has a separate audit department which conducts local audits per semester
- **External audit:** Institute carry out annual audit through external auditor Mr. Janardan J. Ranedive appointed by the Sanstha. These audits are conducted as per the Govt. rules. Institute conducted external audit on 25/07/2022.
- **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.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.4.1%20-%20Institution%20conducts%20internal%20and%20external%20financial%20audits%20regularly2122.pdf
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

3.3693

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Institutional Strategy for mobilization of funds:

The college mobilizes required funds for academic activities and infrastructural needs through following resources:

- College Development Fund collected from students as per the fee structure of affiliating university.
- Grants received from funding agencies like UGC, DST
- Donations received from stakeholders
- Monetary support / hand in help under CSR of nearby industry
- Utilization of corpus fund, if required.

Policies for mobilization of required funds:

The college adopts following policies for mobilization of funds

- Admission to students as per sanctioned seats
- Submission of proposals to funding agencies to avail grants
- Request for donations from Alumni, donors and well-wishers
- Submission of proposals to nearby industry to avail monetary support or hand in help under CSR.

Procedures for Resource Mobilization:

The college makes optimal utilization of available funds through the following:

- Budgetary provision for each academic department
- Budgetary provision for Central Library
- Budgetary provision for support services such as Gymkhana, NSS
- Provision of Seed Money for Inspirational Awards for the students.
- Submission of demand related to academic and physical facilities by Head of Department to the Principal.
- Approval of College Development Committee required for procurement of academic and physical facility.
- Approval of parent institution for the projects approved by CDC.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.4.3%20-%20Institutional%20strategies%20for%20mobilization%20of%20funds%20and%20the%20optimal%20utilization%20of%20resources2122.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

- Prepared Plan of Action for year 2021-22.
- Organized 04 meeting of IQAC on 06/07/2021, 05/10/2021, 04/01/2022 and 07/04/2022 respectively.
- Fulfillment of NAAC Recommendations.
- Submitted AQAR for year 2020-21 to NAAC on 21st March 2022.
- Chalked out Perspective Plan for Academic Departments and Support Services for year 2021-22.
- Monitored Online Teaching-Learning and Evaluation process throughout the year.
- Conducted Students Satisfaction Survey in February 2022.
- Analyzed feedback collected from stakeholders and put the same before CDC for further action.
- Preserved documents of the activities carried out during the year.
- Organized Training Programmes for Faculty and Staff.
- Organized 01 National workshop, 02 Institutional level

workshops and 03 Institutional Level Webinars.

- Sanctioned 04 Institutional Minor Research Projects Under University of Mumbai.
- Organized Individual Presentations of Faculty.
- Organized Departmental Presentations and Document Verification.
- 20% additional strength (4 students) is permitted to admit for PG course from August 2021. It also resolved to submit the proposal for 30% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2021-22
- Chalked out Action Taken Report (ATR) on the Plan of Action for year 2021-22.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Quality%20processes%20of%20IQAC.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC (Internal Quality Assurance Cell) of the college plays pivotal role in setting up benchmarks for institutional quality improvement and its sustenance. Teaching learning process, structures and methodologies of operations adopted by the college are reviewed by IQAC periodically. The IQAC conducts periodic meetings to plan quality oriented activities and review their outcomes

- Teaching Learning Teaching Learning process is reviewed by IQAC through Syllabus Planning, Lectures Notes and Syllabus Completion Reports submitted by each faculty member.
- Reports submitted by Online / offline lectures Monitoring Committee, Feedback by students and Students Satisfaction Survey are used to evaluate T-L process.
- The IQAC also collects reports on CIE and Attainment of Programme / Course Outcomes from respective Head of Departments for analysis of the process.
- Analysis of academic results of UG and PG classes is done

immediately after declaration of results and corrective measures are suggested to concern department of faculty for improvement.

•The IQAC conducts Individual Presentation of each faculty and Departmental Presentations to evaluate the academic performance and activities carried out by the academic departments.

•Reports on curricular, co-curricular and extension activities conducted by academic departments and support services are collected, analyzed and used for improvement.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/6.5.2%20-%20The%20institution%20reviews%20its%20teaching%20learning%20process2122.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

B. Any 3 of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.apcnagothane.edu.in/images/6.5.3%20-%20Annual%20Report%20of%20Institute2122.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Institution creates gender-inclusive learning environments to aware the students about gender equality, to know the students about society in which women and men enjoy the same opportunities, rights, and obligations in all spheres of life.College has implemented the following initiatives to promote gender equality.

Women Development Cell- The college's women development cell is continuously at work, organizing a variety of events and programs to advance gender equity. Formation of anti-Sexual Harassment Committee- The aim of this cell is to promote a culture of respect and equality for female gender and also to monitor the treatment with women in the college. Formation of Grievance cell & suggestion box named "Sakhi" : -For accepting complaints from female students, "Sakhi" the suggestion box is kept in the college's main entrance. Girl students can place their grievances in the BOX.

Separate Girls' Common room:- The College has a common-room for girls provided with adequate number of toilets, wash rooms, wash basin, dressing table, chairs, fans, Sanitary Napkin Vending Machine. The purpose of common room facility for girls is to create a stress-free environment.

Counselling:- Our college's female staff members respond quickly to inquiries from female students about any problems they may be having both on and off campus..

File Description	Documents
Annual gender sensitization action plan	http://www.apcnagothane.edu.in/images/Annual%20gender%20Sensitisation.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.apcnagothane.edu.in/images/Specific%20facilities%20provided%20for%20women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-

B. Any 3 of the above

**based energy conservation Use of LED bulbs/
power efficient equipment**

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management: - For the collection of waste from college premises, Dust Bins are used. Dry waste is collected at regular intervals with the help of non-teaching staff and disposed of at the end of the day. Paper waste is shredded and sold to licensed purchasers of K.E.S. Alibag. There is a provision of 5 soak pits of size 10 x 5 x 3 (5 Pits) which generate adequate fertilizer for the campus.

Hazardous Waste Management: - Mild reagents, Chemicals, solvents are mostly used wherever possible for regular Chemistry practical's. There are adequate exhaust provisions to drive out acid and other fumes while working in Chemistry laboratories. Chemical fire extinguishers are charged periodically by an outside licensed agency.

E-Waste Management:-The outdated computers are sent for recycling through private agencies by following the proper right-off procedure. The life of electronic equipment is extended by appropriate upkeep and minor repairs carried out by laboratory experts Mr. Onkar Patil, OM infotech, Kusumbale, Alibag and reused in the campus itself.

Liquid waste management:-The effect of liquid wastes generated from the laboratories is diluted/ neutralized and then discharged in a soak pit.

Biomedical Waste Management:-Biomedical wastes are not generated on campus

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://www.apcnagothane.edu.in/images/7.1.3%20Geo%20tagged%20photograps.pdf
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	B. Any 3 of the above
--	------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	A. Any 4 or All of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution	
7.1.6.1 - The institutional environment and energy initiatives are confirmed through the	B. Any 3 of the above

following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

B. Any 3 of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

Cultural Harmony: .

Celebration of Gaura-Ganesh Festival .

Celebration of the Traditional Day .

Organization of Cultural Programmes

Regional Harmony: .

Celebration of Maharashtra Din on 1st May

Celebration of "Shiv Swarajya Din" on 6th June

Linguistic Harmony: .

Celebration of Marathi Bhasha Din on 27th February. .

Organization of Essay, Elocution, and Debate competitions.

Wallpaper publication by academic departments and support services.

• Publication of College Magazine - Prerana

Communal socio-economic Harmony:

Organization of Blood Donation Camp and International Yoga Day by NSS .

Material support to flood-affected people of Sangli and Kolhapur district. .

Donation of two days salary to Chief Minister Fund for Covid-19 Pandemic.

Donation of one day salary to Chief Minister Fund for floodaffected people.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

Values: -

Celebration of Independence Day and Republic Day for inculcation of values such as patriotism, freedom, unity, cultural harmony, brotherhood, leadership, justice, peace, nonviolence and co-operation. •

Celebration of Maharashtra Din for the inculcation of values such as unity, sacrifice and regional harmony, Organization of International Women's Day for promotion of values such as gender equity, women empowerment, respectfulness, sisterhood and self-reliance.

Rights: • Celebration of Indian Constitution Day for sensitization about fundamental Rights such as right to equality, right to freedom, right against exploitation and right to freedom of religion.

Celebration of Teacher's Day on 5th September.

Celebration of Women's Day on 8th March.

Duties: •

Celebration of Independence Day and Republic Day helps to sensitize the duties like abiding by the constitution, respect to national flag, national anthem and national integrity. •

Celebration of Birth and Death Anniversaries of freedom fighters to follow ideals. •

Voter's Day celebration and election duty performed by staff. •

Organization of vaccination drive to render public health and national services.

Responsibilities of Citizen: •

Organization of activities such as Blood Donation, Tree Plantation, Road Safety Rally, Voter's Day, Swachh Bharat Abhiyan, Awareness Rallies, etc.

Financial support to the Chief Minister Fund and material support to flood-affected people during natural calamities

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

<p>7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized</p>	<p>A. All of the above</p>
--	----------------------------

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

<p>7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals</p> <p>Konkan Education Society's Anandibai Pradhan Science College, Nagothane has always taken the responsibility of holistic development of the students. The College is organizing the birth and death anniversaries of national heroes and the founder of our Santha. Commemorative Days of Adv. Datta Patil, Bapusaheb Deshpande Dnyanjyoti Savitribai Phule, Chhatrapati Shivaji Maharaj, Mahatma Phule, Dr. Sarvapalli Radhakrishnan, Dr, Babasaheb Ambedkar are organized with full of energy and inspirations. All these days receive the rich history of our nation. When an event is celebrated the students remember and get inspired by the life stories of the great national heroes. In addition to this, our institute celebrates Environment Day, International Yoga Day, and International Women's</p>

Day, Independence Day, Republic day, Maharashtra Din, Sansta foundation day in every academic year. Wallpaper is a platform for the students to liberate their hidden qualities. It gives exposure to the student's feelings through articles, poems, short stories, and various collections of information on different subjects and current events, quotes and jokes. Keeping this point of view Wallpapers are displayed on different occasions in college.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice: I

'Women empowerment and gender sensitivity in community'

Objectives:- ? Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender. ? To encourage participation from NGO's and law enforcement agencies in this area. ? To review safety and security measures for female employees and girl students in the college campus. ? To encourage female students to be self-reliant and economically independent by acquiring required skills through Skill Based Short-Term Courses run by the college. ? To increase the strength of girl students in the institute. ? To increase physical strength through Karate & Self-defence technique

Best Practice: II

Promotion of Research Culture

Objectives:- ? To facilitate community oriented project through outreach programmes. ? To encourage UG/PG students to organize / participate in seminars and conferences to unfold new areas of research ? To encourage the teachers to upgrade their qualification in form of M. Phil. /Ph.D./Post-Doctoral degree in respective

subjects. ? To encourage the teachers to acquire recognition as research guides from University and to start Ph.D. programme in respective subjects. ? To upgrade the library facilities toward research and development. ? To motivate students to undertake value added projects.

Kindly refer weblinks given below for details of the best practices as per NAAC format.

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 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 the University of Mumbai, established in 1992 and founded by the visionary Late Adv. Datta Patil. It relishes the dream of socio-economic 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 downtrodden Community for development of Society through Quality Education". In the purview of the splendid aphorism to educate students of farmers, workers, fishermen and saltpan workers of Raigad District, especially rural area. It has successfully been marching ahead and taking efforts endlessly for the betterment of the socioeconomically backward section of the society. The institution is committed to enhance the academic performance of the enrolled students. To achieve this, Institute has organised extra lectures for slow and fast learners. which helps in improvement of regularity and involvement in classroom teaching-learning, development in self-confidence amongst students, nurturing personal motivation, improvement in examination results, development of confidence to face the placement interviews, enhanced interest in

chosen course.

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To conduct Student Satisfaction Survey (SSS)
2. To collect feedback from stakeholders for effective on curriculum.
3. To implement revised syllabi of UG and PG programmes
4. To organize International and National Level Webinars / Seminars.
5. To encourage faculty members to file patents, publish research papers in reputed international journals and undertake minor research projects approved by different funding agencies.
6. To conduct activities under MOU's.
7. To conduct extension and outreach activities.
8. To subscribe new journals and magazines for college library.
9. To organize sports and cultural events.
10. To upgrade ICT facility on college campus.
11. To develop Wi-Fi facility on college campus.
12. To renovate Reading Rooms of Central Library.
13. To maintain roofs of Gymkhana, Library and Science Building.
14. To renovate infrastructural facilities.
15. To provide Merit Scholarships / Freeships and Financial Assistance to needy students.
16. To organize placement drives for last year UG and PG students.
17. To promote faculty members for Promotion under Career Advancement Scheme.
18. To conduct Meetings of IQAC (twice in a term)
19. To Submit AQAR for year 2021-22.
20. To Participate in NIRF 2023.
21. To Organize Academic and Administrative Audit
22. To organize Criterion wise presentations
23. To organize Training Programmes for faculty and Staff
24. To conduct Green Audit and Energy Audit.
25. To upgrade Solar Power Grid.
26. To complete Fourth Cycle of NAAC Accreditation



**Konkan Education Society's
Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)**

AQAR Report

2020-21



YEARLY STATUS REPORT - 2020-2021

Part A

Data of the Institution

1.Name of the Institution

KONKAN EDUCATION SOCIETY'S
ANANDIBAI PRADHAN SCIENCE
COLLEGE, NAGOTHANE

- Name of the Head of the institution **Dr. Sandesh Suryakant Gurav**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**

- Phone no./Alternate phone no. **02194222582**
- Mobile No: **8149375082**
- Registered e-mail **principalapsc@yahoo.co.in**
- Alternate e-mail **sandeshgurav@gmail.com**
- Address **Bapusaheb Deshpande Educational Complex, Nagothane.**
- City/Town **Nagothane, Tal.- Roha, Dist.- Raigad**
- State/UT **Maharashtra.**
- Pin Code **402106**

2.Institutional status

- Type of Institution **Co-education**

- Location **Rural**

- Financial Status **Grants-in aid**
- Name of the Affiliating University **University of Mumbai**
- Name of the IQAC Coordinator **Dr. Dinesh Vasant Bhagat**
- Phone No. **02194223699**
- Alternate phone No. **02194222582**
- Mobile **9960455356**
- IQAC e-mail address **iqacaps@gmail.com**
- Alternate e-mail address **bhagat.dinesh72@gmail.com**

3. Website address (Web link of the AQAR (Previous Academic Year))

<http://www.apcnagothane.edu.in/images/AQAR201920.pdf>

4. Whether Academic Calendar prepared during the year?

Yes

- if yes, whether it is uploaded in the Institutional website Web link:

<http://www.apcnagothane.edu.in/images/cal202021.pdf>

5. Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	C+	62.20	2004	03/05/2004	02/05/2009
Cycle 2	B	2.20	2012	10/03/2012	09/03/2017
Cycle 3	B+	2.68	2017	30/10/2017	29/10/2022

6. Date of Establishment of IQAC

26/04/2006

7. Provide the list of funds by Central / State Government

UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Chemistry	Minor research Projects	University of Mumbai	2020-21	160000

8. Whether composition of IQAC as per latest

Yes

NAAC guidelines

- Upload latest notification of formation of IQAC [View File](#)

9.No. of IQAC meetings held during the year 04

- Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? **Yes**

- If No, please upload the minutes of the meeting(s) and Action Taken Report [View File](#)

10.Whether IQAC received funding from any of the funding agency to support its activities during the year? **No**

- If yes, mention the amount

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

Research Activity:- In September 2020 Science Bulletin " Prerana" is published by the Science Association committee of the Institute. One of our Students Miss. Mehta Latika Chandulal was awarded a Ph.D. degree under the able guidance of our faculty member Dr. Vijay S. Chavan and One More Student Mr.Garje Chetan Suresh is applied for Ph.D. degree under Dr. Vijay S Chavan. Dr. Dinesh V. Bhagat HOD Chemistry and Dr.Srikrishna D. Tupare have received reorganization from the university of Mumbai to guide Ph. D. Students. 3 students have taken admission for Ph.D. Chemistry under the guidance of Dr.Srikrishna D. Tupare Dr. Mrs. Smita T Morbale has received reorganization from university of Mumbai to teach M.Sc (by Research) Students. As a Part of Syllabus M.Sc Part II 17 Research projects Completed doing the academic year 2020- 21. As a Part of Syllabus Information Technology 38 Research projects Completed doing the academic year 2020-21. For the Academic year 2020-21 four Minor Research Projects were sanctioned by University of Mumbai to department of chemistry with the funding of Rs. 1,60,000/- IQAC encourages the faculty members to enhance the research activities and participate in research conferences as a result of this, for the academic year 2019-20, 19 research papers and 7 books were published in National and International Journals by

the Faculty members and they participated to present their research work in the conferences. Dr. Dinesh V. Bhagat is appointed as District co-ordinator by the University of Mumbai for "Avishkar Research Convention. Science Association Committee motivated the students in large numbers to participate in Avishkar research Convention at the Zonal and University level. Because of the Pandemic situation, the Avishkar research convention is conducted by presenting research proposals instead of research projects. This year 5 research proposals were presented online for completion and one proposal is selected for the University round.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1) To conduct meetings of IQAC periodically	Periodically 4 meetings of IQAC were conducted on 10/08/2020, 26/10/2020, 04/01/2021 and 10/05/2021
2) Perspective plan for academic year 2020-2021	IQAC formulated perspective plan for compressing 25 - 30 academic and developmental activities to be carried out during the academic year 2020-21.
3) Submission of AQAR for academic year 2019-20	Online AQAR (Annual Quality Assurance Report) as per the revised format was submitted to NAAC office in 22th April 2021.
4) To fulfil recommendation of NAAC Peer team	Made compliance of the following recommendation suggested by NAAC Peer team. ICT including Wi-Fi facility to be argued? Digital Library to be established? Development of Infrastructure is in progress.
5) Organization of programme for Alumni and collection of Alumni Funds.	Meeting of Alumni was organised at Roha and discussion was raised to collect Alumni funds for the development of college. In this meeting 2 alumni are felicitated by offering Shawl, Shriphal and buckey. Our Alumni Mr. Aniket

	Tatkare, MLA has donated 100 cement sheets of amount Rs.- 30000/- for the development of college.
6) To submit proposal for the CSR funds from the MIDC Dhatav Industry	CSR fund proposals are submitted to the industries in MIDC Dhatav, Roha for the development of College such as ? Sudarshan Chemical Ltd. ? Clarient Chemicals Ltd. ? Roha Dye Chem Ltd. ? Rathi Dye Chem Ltd. ? Vidhi Dye Chem Ltd.
7) To develop separate website for college library	College has developed a separate web site for Library having URL:- https://sites.google.com/view/apscnlib/home
8) To collect feedback from stakeholders for effective functioning of the Institute	Feedback Committee took feedback online on teachers, students, parents, Alumni, course and infrastructure. Feedback analysis is taken and implemented for the further improvement of functioning of Institute.
9) To Organise National and International Level Conferences	One day webinar on Institutional training programme organised by Internal Quality Assurance Cell, Department of Physics and Petroleum Conservation Research Association (PCRA) Ministry of Petroleum and Natural Gas, Government of India. 2. Webinar organized by Department of Information Technology on Microsoft.Net & Cloud by Mr. Vikrant Dinde, Technology Trainer Sr. Software developer 3. Online Webinar on-Health Advice with reference to the Post Covid - 19 situation by Dr. Lakshmi Bharathi, Reliance Industries Limited, Nagothane 4. Online Webinar on-Hindu Marriage

	<p>Act - The Current Scenario by Adv. (Mrs). Sonal J. Jain, Nagothane 5. Online self employment skill development program-'Bag and Purses making by Mrs. Manali Sahastrabudhdhe, Classic Bag makers, Nagothane</p>
<p>10) To conduct certificate courses in Water Analysis and Soil Analysis.</p>	<p>Under department of Chemistry, certificate courses in water analysis suppose to conduct with the help of T.Y. B. Sc. Chemistry batch of 30 students. But because of pandemic situation some online lectures and practical demonstration were conducted for the knowledge of students.</p>
<p>11) To Organize Workshops</p>	<p>? Workshop on android development was organised by department of Information Technology on 18th February 2021. Mr. Mehul Kadam, Sr. android developer Nimap Info-tech was available as a resource person to guide 38 students. ? One day webinar on Institutional training programme organised by Internal Quality Assurance Cell, Department of Physics and Petroleum Conservation Research Association (PCRA) Ministry of Petroleum and Natural Gas, Government of India.</p>
<p>12) To start new program/course B.C.A. and M.C.A.</p>	<p>? Administrative office with consultation with Department of computer science and IT has prepared proposal and submitted a proposal for new programme in BCA and MCA under YCMOU. Permission is granted to start BCA from June 2019. ? IQAC recommended CDC to Starts admission of MCA course from YCMOU from June 2021, as</p>

permission is granted for the course is advertise to start MCA admissions. ? From last year F.Y. B.C.A. and S.Y.B.C.A. has started from YCMOU and this year admission of T. Y. B. C.A. has started. ? This year admission of F.Y.M.C.A. has started. ? 10% additional strength (2 students) is permitted to admit for PG course from August 2020. It also resolved to submit the proposal for 20% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2020-21 ? Administrative office with consultation with Department of computer science and IT has prepared proposal and submitted a proposal for new programme in BCA and MCA under YCMOU. Permission is granted to start BCA from June 2019. ? IQAC recommended CDC to Starts admission of MCA course from YCMOU from June 2021, as permission is granted for the course is advertise to start MCA admissions. ? From last year F.Y. B.C.A. and S.Y.B.C.A. has started from YCMOU and this year admission of T. Y. B. C.A. has started. ? This year admission of F.Y.M.C.A. has started. ? 10% additional strength (2 students) is permitted to admit for PG course from August 2020. It also resolved to submit the proposal for 20% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for

13) Publication of Research Papers in reputed journals.

? Under the guidance of research committee 19 research papers and

	<p>9 books were published in reputed journals of International and National repute such as Scopus, UGC, Web of Science etc., ? Teachers are also encourages to visit the National and International Conferences to present their research work.</p>
<p>14) Submission of research projects</p>	<p>? Under the guidance of research committee Department of science streams has submitted research proposals to the funding agencies such as UGC and University of Mumbai. ? University of Mumbai has sanctioned 4 MRP's of Rs.- 1,60,000/- to the Department of Chemistry.</p>
<p>15) Organization of workshop on value added courses</p>	<p>Department of Botany and Zoology conducted a online workshop on value added courses such as preparation of pranws pickle and ayurvedic cosmetics on 18th May. 2021. Mrs. Shilpa Nikam was available as a resource person to guide and demonstrate for this workshop. 35 students were participated in the workshop.</p>
<p>16) Organization of placement camp for UG and PG students.</p>	<p>Due to the Covid-19 Pandemic situation Campus placement could not possible. Proposal for conducting placement camp and invitee talk for UG and PG students was send to the following chemical and pharmaceutical industries, 1.Sudarshan Chemical Industries Ltd. Dhatav, Roha 2.Roha dye chem Pvt. Ltd, Roha 3.ELPEE chemicals Pvt. Ltd, Roha 4.Kores India Ltd. Roha 5.Nilicon Industries Ltd. Roha 6.FDC Ltd. Roha 7 students were placed in</p>

	Industries of MIDC Dhatav Roha and 4 students are selected for apprentice at R.C.F. Thal Alibag.
17) Planning for the online teaching of UG and PG courses	Due to the Covid-19 Pandemic situation, Time table committee prepared time table of online Lectures, Practical's, Examination (Internal / External). The same was successfully executed on "Microsoft Teams" platform during the Lockdown Period.
18) To provide financial assistance to State Govt.to support victims of Covid-19 Pandemic.	Donated One Day Salary of each faculty and staff member to Chief Minister Fund to support victims of Covid-19 Pandemic.

13. Whether the AQAR was placed before statutory body? Yes

- Name of the statutory body

Name	Date of meeting(s)
College Development Committee	22/09/2021

14. Whether institutional data submitted to AISHE

Part A

Data of the Institution

1.Name of the Institution	KONKAN EDUCATION SOCIETY'S ANANDIBAI PRADHAN SCIENCE COLLEGE, NAGOTHANE
• Name of the Head of the institution	Dr. Sandesh Suryakant Gurav
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02194222582
• Mobile No:	8149375082
• Registered e-mail	principalapsc@yahoo.co.in
• Alternate e-mail	sandeshgurav@gmail.com
• Address	Bapusaheb Deshpande Educational Complex, Nagothane.
• City/Town	Nagothane, Tal.- Roha, Dist.- Raigad
• State/UT	Maharashtra.
• Pin Code	402106
2.Institutional status	
• Type of Institution	Co-education
• Location	Rural
• Financial Status	Grants-in aid
• Name of the Affiliating University	University of Mumbai
• Name of the IQAC Coordinator	Dr. Dinesh Vasant Bhagat

• Phone No.	02194223699				
• Alternate phone No.	02194222582				
• Mobile	9960455356				
• IQAC e-mail address	iqacaps@gmail.com				
• Alternate e-mail address	bhagat.dinesh72@gmail.com				
3.Website address (Web link of the AQAR (Previous Academic Year))	http://www.apcnagothane.edu.in/images/AQAR201920.pdf				
4.Whether Academic Calendar prepared during the year?	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	http://www.apcnagothane.edu.in/images/cal202021.pdf				
5.Accreditation Details					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	C+	62.20	2004	03/05/2004	02/05/2009
Cycle 2	B	2.20	2012	10/03/2012	09/03/2017
Cycle 3	B+	2.68	2017	30/10/2017	29/10/2022
6.Date of Establishment of IQAC			26/04/2006		
7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
Chemistry	Minor research Projects	University of Mumbai	2020-21	160000	
8.Whether composition of IQAC as per latest NAAC guidelines			Yes		
• Upload latest notification of formation of IQAC			View File		

9.No. of IQAC meetings held during the year	04	
<ul style="list-style-type: none"> Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website? 	Yes	
<ul style="list-style-type: none"> If No, please upload the minutes of the meeting(s) and Action Taken Report 	View File	
10.Whether IQAC received funding from any of the funding agency to support its activities during the year?	No	
<ul style="list-style-type: none"> If yes, mention the amount 		
11.Significant contributions made by IQAC during the current year (maximum five bullets)		
<p>Research Activity:- In September 2020 Science Bulletin " Prerana" is published by the Science Association committee of the Institute. One of our Students Miss. Mehta Latika Chandulal was awarded a Ph.D. degree under the able guidance of our faculty member Dr. Vijay S. Chavan and One More Student Mr.Garje Chetan Suresh is applied for Ph.D. degree under Dr. Vijay S Chavan. Dr. Dinesh V. Bhagat HOD Chemistry and Dr.Srikrishna D. Tupare have received reorganization from the university of Mumbai to guide Ph. D. Students. 3 students have taken admission for Ph.D. Chemistry under the guidance of Dr.Srikrishna D. Tupare Dr. Mrs. Smita T Morbale has received reorganization from university of Mumbai to teach M.Sc (by Research) Students. As a Part of Syllabus M.Sc Part II 17 Research projects Completed doing the academic year 2020- 21. As a Part of Syllabus Information Technology 38 Research projects Completed doing the academic year 2020-21. For the Academic year 2020-21 four Minor Research Projects were sanctioned by University of Mumbai to department of chemistry with the funding of Rs. 1,60,000/- IQAC encourages the faculty members to enhance the research activities and participate in research conferences as a result of this, for the academic year 2019-20, 19 research papers and 7 books were published in National and International Journals by the Faculty members and they participated to present their research work in the conferences. Dr. Dinesh V. Bhagat is appointed as District co-ordinator by the University of Mumbai for "Avishkar Research Convention. Science Association Committee motivated the students</p>		

in large numbers to participate in Avishkar research Convention at the Zonal and University level. ?Because of the Pandemic situation, the Avishkar research convention is conducted by presenting research proposals instead of research projects. ?This year 5 research proposals were presented online for completion and one proposal is selected for the University round.

12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1) To conduct meetings of IQAC periodically	Periodically 4 meetings of IQAC were conducted on 10/08/2020, 26/10/2020, 04/01/2021 and 10/05/2021
2) Perspective plan for academic year 2020-2021	IQAC formulated perspective plan for compressing 25 - 30 academic and developmental activities to be carried out during the academic year 2020-21.
3) Submission of AQAR for academic year 2019-20	Online AQAR (Annual Quality Assurance Report) as per the revised format was submitted to NAAC office in 22th April 2021.
4) To fulfil recommendation of NAAC Peer team	Made compliance of the following recommendation suggested by NAAC Peer team. ? ICT including Wi-Fi facility to be argued ? Digital Library to be established ? Development of Infrastructure is in progress.
5) Organization of programme for Alumni and collection of Alumni Funds.	? Meeting of Alumni was organised at Roha and discussion was raised to collect Alumni funds for the development of college. In this meeting 2 alumni are felicitated by offering Shawl, Shriphal and buckey. ? Our Alumni Mr. Aniket Tatkar, MLA has donated 100 cement sheets

	of amount Rs.- 30000/- for the development of college.
6) To submit proposal for the CSR funds from the MIDC Dhatav Industry	CSR fund proposals are submitted to the industries in MIDC Dhatav, Roha for the development of College such as ? Sudarshan Chemical Ltd. ? Clariant Chemicals Ltd. ? Roha Dye Chem Ltd. ? Rathi Dye Chem Ltd. ? Vidhi Dye Chem Ltd.
7) To develop separate website for college library	College has developed a separate web site for Library having URL:- https://sites.google.com/view/apscnlib/home
8) To collect feedback from stakeholders for effective functioning of the Institute	Feedback Committee took feedback online on teachers, students, parents, Alumni, course and infrastructure. Feedback analysis is taken and implemented for the further improvement of functioning of Institute.
9) To Organise National and International Level Conferences	One day webinar on Institutional training programme organised by Internal Quality Assurance Cell, Department of Physics and Petroleum Conservation Research Association (PCRA) Ministry of Petroleum and Natural Gas, Government of India. 2. Webinar organized by Department of Information Technology on Microsoft.Net & Cloud by Mr. Vikrant Dinde, Technology Trainer Sr. Software developer 3. Online Webinar on-Health Advice with reference to the Post Covid - 19 situation by Dr. Lakshmi Bharathi, Reliance Industries Limited, Nagothane 4. Online Webinar on-Hindu Marriage Act - The Current

	<p>Scenario by Adv. (Mrs). Sonal J. Jain, Nagothane 5. Online self employment skill development program-`Bag and Purses making by Mrs. Manali Sahastrabudhdhe, Classic Bag makers, Nagothane</p>
<p>10) To conduct certificate courses in Water Analysis and Soil Analysis.</p>	<p>Under department of Chemistry, certificate courses in water analysis suppose to conduct with the help of T.Y. B. Sc. Chemistry batch of 30 students. But because of pandemic situation some online lectures and practical demonstration were conducted for the knowledge of students.</p>
<p>11) To Organize Workshops</p>	<p>? Workshop on android development was organised by department of Information Technology on 18th February 2021. Mr. Mehul Kadam, Sr. android developer Nimap Info-tech was available as a resource person to guide 38 students. ? One day webinar on Institutional training programme organised by Internal Quality Assurance Cell, Department of Physics and Petroleum Conservation Research Association (PCRA) Ministry of Petroleum and Natural Gas, Government of India.</p>
<p>12) To start new program/course B.C.A. and M.C.A.</p>	<p>? Administrative office with consultation with Department of computer science and IT has prepared proposal and submitted a proposal for new programme in BCA and MCA under YCMOU. Permission is granted to start BCA from June 2019. ? IQAC recommended CDC to Starts admission of MCA course from</p>

YCMOU from June 2021, as permission is granted for the course is advertise to start MCA admissions. ? From last year F.Y. B.C.A. and S.Y.B.C.A. has started from YCMOU and this year admission of T. Y. B. C.A. has started. ? This year admission of F.Y.M.C.A. has started. ? 10% additional strength (2 students) is permitted to admit for PG course from August 2020. It also resolved to submit the proposal for 20% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2020-21 ? Administrative office with consultation with Department of computer science and IT has prepared proposal and submitted a proposal for new programme in BCA and MCA under YCMOU. Permission is granted to start BCA from June 2019. ? IQAC recommended CDC to Starts admission of MCA course from YCMOU from June 2021, as permission is granted for the course is advertise to start MCA admissions. ? From last year F.Y. B.C.A. and S.Y.B.C.A. has started from YCMOU and this year admission of T. Y. B. C.A. has started. ? This year admission of F.Y.M.C.A. has started. ? 10% additional strength (2 students) is permitted to admit for PG course from August 2020. It also resolved to submit the proposal for 20% additional batch of PG course M.Sc. Organic Chemistry and submit to

	University of Mumbai for
13) Publication of Research Papers in reputed journals.	? Under the guidance of research committee 19 research papers and 9 books were published in reputed journals of International and National repute such as Scopus, UGC, Web of Science etc., ? Teachers are also encourages to visit the National and International Conferences to present their research work.
14) Submission of research projects	? Under the guidance of research committee Department of science streams has submitted research proposals to the funding agencies such as UGC and University of Mumbai. ? University of Mumbai has sanctioned 4 MRP's of Rs.- 1,60,000/- to the Department of Chemistry.
15) Organization of workshop on value added courses	Department of Botany and Zoology conducted a online workshop on value added courses such as preparation of pranws pickle and ayurvedic cosmetics on 18th May. 2021. Mrs. Shilpa Nikam was available as a resource person to guide and demonstrate for this workshop. 35 students were participated in the workshop.
16) Organization of placement camp for UG and PG students.	Due to the Covid-19 Pandemic situation Campus placement could not possible. Proposal for conducting placement camp and invitee talk for UG and PG students was send to the following chemical and pharmaceutical industries, 1.Sudarshan Chemical Industries Ltd. Dhatav, Roha 2.Roha dye

	<p>chem Pvt. Ltd, Roha 3.ELPEE chemicals Pvt. Ltd, Roha 4.Kores India Ltd. Roha 5.Nilicon Industries Ltd. Roha 6.FDC Ltd. Roha 7 students were placed in Industries of MIDC Dhatav Roha and 4 students are selected for apprentice at R.C.F. Thal Alibag.</p>				
17) Planning for the online teaching of UG and PG courses	<p>Due to the Covid-19 Pandemic situation, Time table committee prepared time table of online Lectures, Practical's, Examination (Internal / External). The same was successfully executed on "Microsoft Teams" platform during the Lockdown Period.</p>				
18) To provide financial assistance to State Govt.to support victims of Covid-19 Pandemic.	<p>Donated One Day Salary of each faculty and staff member to Chief Minister Fund to support victims of Covid-19 Pandemic.</p>				
13.Whether the AQAR was placed before statutory body?	Yes				
<ul style="list-style-type: none"> Name of the statutory body 					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>College Development Committee</td> <td>22/09/2021</td> </tr> </tbody> </table>		Name	Date of meeting(s)	College Development Committee	22/09/2021
Name	Date of meeting(s)				
College Development Committee	22/09/2021				
14.Whether institutional data submitted to AISHE					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2020-21</td> <td>10/12/2021</td> </tr> </tbody> </table>		Year	Date of Submission	2020-21	10/12/2021
Year	Date of Submission				
2020-21	10/12/2021				
15.Multidisciplinary / interdisciplinary					
16.Academic bank of credits (ABC):					

17.Skill development:
18.Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course)
19.Focus on Outcome based education (OBE):Focus on Outcome based education (OBE):
20.Distance education/online education:

Extended Profile

1.Programme

1.1	11
Number of courses offered by the institution across all programs during the year	

File Description	Documents
Data Template	View File

2.Student

2.1	525
Number of students during the year	

File Description	Documents
Data Template	View File

2.2	405
Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	

File Description	Documents
Data Template	View File

2.3	159
-----	------------

Number of outgoing/ final year students during the year						
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">File Description</th> <th style="width: 50%;">Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td style="text-align: center;">View File</td> </tr> </tbody> </table>			File Description	Documents	Data Template	View File
File Description	Documents					
Data Template	View File					
3.Academic						
3.1 Number of full time teachers during the year		27				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">File Description</th> <th style="width: 50%;">Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td style="text-align: center;">View File</td> </tr> </tbody> </table>			File Description	Documents	Data Template	View File
File Description	Documents					
Data Template	View File					
3.2 Number of Sanctioned posts during the year		33				
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">File Description</th> <th style="width: 50%;">Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td style="text-align: center;">View File</td> </tr> </tbody> </table>			File Description	Documents	Data Template	View File
File Description	Documents					
Data Template	View File					
4.Institution						
4.1 Total number of Classrooms and Seminar halls		10				
4.2 Total expenditure excluding salary during the year (INR in lakhs)		296.17840				
4.3 Total number of computers on campus for academic purposes		04				

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Admission:-All rules and regulations regarding admission are mentioned in the college admission broucher. In our college, the 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 university and government norms, with this merit list the students are admitted strictly based on merit marks. Similarly, the PG admissions are started after the declaration of T.Y.B.Sc. results. The S.Y.B.Sc. and T.Y.B.Sc. admissions are completed just after the declaration of the result. After completion of all admission of the different classes, the committee also prepares the roll numbers alphabetically.

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, and declaration of results using the CGPA system adopted by the parent university. Exams are conducted on behalf of the college for the first two years of the degree course and final year the exam is conducted on behalf of the University for the UG and PG course in the college. This year college conducted first-half and second-half examinations as an online platform through Google forms by using mobile to the students due to the lockdown (because of Covid-19) during the year 2020-21.

Administration:-The Principal, Head Clerk of the college, and IQAC of the institute look after the attendance of regular and temporary faculty, which helps in the monthly salary payment of all the employees. They also maintain and follow them all easy and effective official interaction to the college and with the university.

Curriculum Activities:-In the beginning of every semester, meeting of each department was organized under the guidance of the Principal, IQAC and HOD, teaching plan is prepared, the workload is allotted to all faculties and the syllabus is executed as per the norms of the university and it is reflected in the teacher's diary. At the end of every semester head of the entire department takes a meeting regarding the completion of the syllabus as per the allotment or not. Due to the Covid-19 pandemic situation, we have used the online teaching mode by using Microsoft Teams App along with POWER-POINT, Animations, Whatsapp, Videos, Youtube videos, Class tests, etc. as ICT tools for effective teaching-learning methods for the students. The college has a core committee consisting of IQAC coordinator, all H.O.D.'s, Chairperson of various college committees, support services to plan structured schedules of curricular planning and implementation.

Attendance:- Institute has a mechanism to record the attendance of theory classes and Practicals for all UG and PG courses. The

attendance committee determines the list of students who do not qualify a minimum of 75% attendance for appearing to the examination.

Personality Development Programmes:-The institute also has a mechanism regarding the development of students' personalities, in which we organize Industrial Visits, excursions, field visits, etc so that it will help the students for their all-round development. But due to the Covid-19 situation, it was not possible to conduct the above programs this year.

Research Activities:-The institute has a mechanism for developing the research culture amongst the students and teaching faculties. Every year students are motivated and participate in the Avishkar research festival conducted by the university. The research projects are also given to the PG students under the guidance of respective faculties.

Faculty Development:-This year institute is given opportunities to each and every faculty to attend various conferences, seminars, workshops, etc. by online modes due to the pandemic situations. They are also allowed to do the orientation and refresher courses, which are helpful for their career development process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.apcnagothane.edu.in/images/Teaching%20Plan.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Continuous evaluation has been taken throughout the year by the institution by conducting the following evaluation approaches:-

- o Regular attendance in the class
- o Written/Oral Test.
- o Interaction
- o Question-answer sessions
- o Classroom Seminars
- o Home assignments
- o Power Point Presentations
- o Unit Tests

- Group Discussions
- Class Tests
- Projects
- Surprise Tests
- Field Visits
- Tutorials
- Survey
- Viva-voce
- Excursions
- E-test, Online Test, Quiz through Google Forms
- Participation in curricular, co-curricular and extra-curricular activities/ competitions, etc.
- Online examination theory and practical
- Uploading Sample Question bank on College website.
- Uploading study material on Google classroom.

For Continues Internal Evaluation following reforms were undertaken by the college:

- Conducted Certificate Courses.
- Conducted E-test, online tests, Online Quiz Conducted
- Preliminary theory and practical examinations.
- Assigned projects on recent research topics to the students.
- Arranged Essay Writing and Elocution Competitions to evaluate writing and presentation/speech-related skills of the students.
- Arranged Surprise Tests, Open Book Tests and Unit Test.
- Allotted Home assignments.
- Organized 'Chem Rangoli and Chem- Poster' competition to test and nurture the subject interest.
- Adopted online evaluation methods through E-test, Online Test, Quiz using Google Forms

The institution is an affiliated college of the University of Mumbai. It prepares its Academic calendar and strictly adheres to Conduct of college examinations and other related matters

- Academic Calendar for the next academic is prepared by the end of May every year.
- It is a comprehensive plan of all the academic, co-curricular and extracurricular activities.
- It shows academic terms, schedule for admission, meetings of IQAC and various committees, internal evaluation, semester-end examination, holidays, working hours of office and library, study tours, annual sports, NSS, NCC and other activities, Youth Festival, a celebration of special days

and other related

academic, curricular and extra-curricular activities.

- In advance, it is communicated to the Departments for the effective execution of the planned activities.
- The academic calendar is published in the college prospectus and made available through the college website for the information of students and stakeholders.
- College mentions all details of Academic and Examination related programs in the college prospectus.
- The college has well-defined mechanisms to conduct CIE as per the Academic calendar.
- Internal examination: Internal examination conducted in months of September and January for each semester respectively in the Academic calendar.
- Semester examination: As per the schedule prescribed by the University.
- The examination committee conducts the practical and theory examination in the months of Oct. - Nov. and March - April for each semester as mentioned in the academic calendar.
- Results of college examinations are declared as per the schedule given in the Academic Calendar.
- The detailed schedule of internal, external and practical examinations is displayed on the notice board in advance for the communication of students.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.apcnagothane.edu.in/images/cal202021.pdf

1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year.

Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

1.2 - Academic Flexibility

1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented

1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented

11

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

01

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

30

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs

during the year

30

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

University of Mumbai framed syllabus of different courses addressing current crosscutting issues of social and national interest.

The syllabus of the courses like Foundation course, Botany and Zoology etc, includes crosscutting issues related to respective subject knowledge. These issues help to create awareness among the students.

Professional Ethics :- Our teaching faculty always strives to imbibe professional/ethical values through their responsible behaviour and proper guidance. These ethics brings desirable changes in the behaviour and attitude of students.

Gender:- Our college ensures equal opportunities to all college students irrespective of gender. University of Mumbai has constituted statutory committees entitled Women Development Cell (WDC), Anti-ragging and Internal complaints committee to address issues related to women. During the academic year 2020-21, these committees conducted various online activities to build up confidence among women, awareness about gender equality and legal provisions to tackle gender related issues.

Human Values:- Moral and Ethical values such as Honour, Mutual respect, Trust, Politeness, Good manners and Social accountability are the basis of human life. These values are incorporated in the syllabus of various subjects like Foundation Course, English, Geography, Economics, Psychology and Political Science etc. During online lectures, above human values were imparted to the students of all programmes. Support services like NSS and NCC organized Blood Donation Camps and Rallies to create social awareness and

responsibility among students.

Environment and Sustainability:- Deforestation, Pollution, loss of natural habitats and Poaching of animals has degraded environment and biodiversity as a whole. Students were sensitised, to know the status of environment, biodiversity and exploitation of natural resources through environmental studies. To prevent further degradation, immediate steps needs to be taken to conserve existing environment and biodiversity. It can be achieved through sustainable development.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

04

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

238

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students
Teachers
Employers
Alumni

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.apcnagothane.edu.in/images/Allfeedback202021.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

630

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

301

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute conducts every possible measure to assess the learning levels of its students. The institute admits students from different socio-economic backgrounds. The students are guided and oriented at the time of admission and also after the admission to make aware of the course, mode of internal and external assessments, curricular and co-curricular activities, facilities available in the institute and also rules and regulations of the institution. These things are also made available on the institute's website. The teachers from the departments counsel the students regarding the scope of different courses being offered. If students are not able to cope with the courses they selected, then the opportunity is also given to such students for changing their options before the confirmation of the enrolment. Institute assesses the learning levels of the students at the beginning of each programme in the class, their knowledge about the programme and also through Semester End Examinations, Assignments, Presentations, Viva-voce Examinations etc., on regular basis. Accordingly, special coaching for advanced learners and slow learners is planned. The Institute has given clear instruction to

all the departments to conduct online remedial and extra classes for both advanced and slow learners during holidays and vacations. Even after the completion of the syllabus, subject classes are repeated for slow learners and late admissions. Teachers remain available in the institute, on phone or on WhatsApp to clear the doubts and counsel the students even on a one-to-one basis. Advanced learners are encouraged to become class representatives, to participate in Avikshkar Research Convention and also guided to perform better in the examinations.

File Description	Documents
Link for additional Information	http://www.apcnagothane.edu.in/images/2.2.1.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
525	27

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The teaching-learning process was conducted on online platform as students were not allowed on campus due to covid-19 pandemic situation. The college has adopted Microsoft Teams platform for online teaching-learning Process and other student centric methods. Faculty members of college have adopted various teaching methods to make learning more student-centric. College provides support structures and systems for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students. Some of the sincere attempts made by the college to make online teaching-learning process more students centric through experiential learning method, participative learning method, problems solving method by using Online Group Discussions, Question-Answer Session, Online Game based learning, Online Wall paper publication, Online Competitions like Power

Point presentations, Poster, Essay, Chem-Rangoli, Quiz, Avishkar Research Convention etc,. Faculty members conducted Effective ICT enabled teaching on virtual mode using subject related digital software, education websites, applications, Video Lectures, Social Media. Additionally, Learning Management System likes 'Google Classroom'. Faculty members have conducted various Online Test / Quizzes using Google form. Guest / Expert Lectures were conducted under Faculty Exchange and Student Exchange Programme. , The institute organized offline Practical demonstrations for final year students to get adequate knowledge of instruments and experiments. IT and Computer Science departments of the institute have taken practical's for all classes through online mode and to some extent offline mode also.

Career Guidance Cell, NSS, DLLE and WDC like committees organize online seminars / sessions on self-employment skill development and career opportunities, socio-economic issues viz. Hindu Marriage Act, Blood Donation, Self Defense, Swachha Bharat, Personal Hygiene and Sanitation which inculcate human values among the students and the practice and habit of participative learning and problem-solving methodologies. In PG programmes, there is a compulsory project/ dissertation that provide adequate opportunity to the students for incorporating and practicing problem-solving methodology.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/student%20centric%20methods.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The ICT undoubtedly allows new ways of learning for students and teachers. It helps the teachers to interact with students.

The whole academic year 2020-2021 was affected by the Covid-19 pandemic. Therefore, it was not only the choice but also the compulsion that the teachers should learn, adopt and practice the ICT-enabled tools. The IQAC of the University of Mumbai conducted Faculty Training Programme for the development of e-content and the use of e-resources during the initial part of the academic year. The faculty members are effectively using ICT-enabled tools

like computers/laptops, LCD projectors, headphones, internet, PPT presentations, video-lectures, audio-lectures, YouTube links, e-contents, WhatsApp groups, Microsoft Team, Zoom, ICT enables classrooms and Google classrooms etc. to improve teaching and learning. These digital platforms are used for conducting webinars also. In a pandemic, the use of the internet and laptop/mobile became a common practice not only for the teachers but also for the students. Institute website, ICT enable classrooms, Google Classrooms and Whats-App groups are used as platforms to teach, communicate, provide syllabus and study materials, sample questions of each course, make announcements, conduct tests, upload assignments, address queries and to share information. The website of the University of Mumbai is also provided to the students to enable the students regarding university circulars, ordinances, notifications, syllabus, time-tables, results and other important information. The library also provides access to computers and online journals and e-books freely available in the public domain. Xeroxing facility is also available in the library. Feedback is also received online from the students, faculty members, and other stakeholders.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.apcnagothane.edu.in/images/ICT%20enabled%20tools%20for%20effective%20teaching-learning%20process.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

27

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

27

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

10

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

367

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Internal assessments and Practical Viva-voce Examinations are conducted at the appropriate times with respect to the calendar of examinations fixed by the University of Mumbai and IQAC of the institute. Time tables and notifications of Internal assessments are circulated in WhatsApp Groups of respective Classes, displayed on notice boards and uploaded on the official website of the institute. The teachers help students in grasping the correct essence of the questions asked. Institute provided sample questions of each course on the institute website and also on Whatsapp groups to enable the students about the pattern of the questions that can be asked in the assignments. Institute also provided a question bank of each course for Practical Viva-voce Examinations to the students which helped them to release the tension of the said examination. All internal assessments are taken online due to the Covid-19 pandemic. During online assignment/examination if students face any technical or internet issue and if it is communicated immediately to the Principal of the institute then their re-assignment / re-examination is conducted as per the guidelines of the University of Mumbai. Due care and the track are maintained till the submission/completion of assignments.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/Mechanisam%20of%20internal%20assessment.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time- bound and efficient

Most of the grievances related to the examination are received after declaration of results by the University of Mumbai or Institute.

The Institute has follow well defined mechanisms to deal with internal examination related grievances to be transparent, time-bound and efficient as given below,

1. Institute follows transparent mechanism developed by the provision of separate Examination Committee and Unfair Means

Committee.

2. **Time Bound and Efficient:** If the internal examination related grievances are received from the students, then the examination committee verifies the same and take necessary measures stipulated time. All process is time bounded and efficient. As per the University Guidelines and nature of grievances, the process is completed within one or two weeks.
3. **Nature of probable grievances and correction mechanisms for Redressal adopted by college is given below:**
 - Discrepancies in name, selection of course, course code, late fees, etc. are forwarded to the University for necessary corrections in due time.
 - Grievances related to revaluation, Verification of marks, photocopies, etc. are forwarded to the University for Authentication and necessary action.
 - Issues of absentee, submission of the project / assignment, marks awarded etc., notify to the concerned subject teacher/ HoD/ Examination Committee.
 - In rare cases, where Injustice/ victims of the horn's effect in evaluation observed, then students can approach the Controller of Examinations or the Vice Chancellor of the university.
 - correction in Devanagari name on Convocation Certificate.

The close and continuous communication is maintained by the Principal and Examination In-charge with the university authorities for speedy disposal of queries, explanations and doubts if any. As per internal or practical examinations are concerned, if any student pin points any academic discrepancy during conduct of tests/examination, the concerned teachers / Examination Committee / Principal wholeheartedly show their concern and the attention is given to the student grievances.

For other minor grievances, college grievance Redressal cell and the Unfair Means Committee help the students with regard to the any other grievances.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/Student%20Grivence.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute has well-defined learning outcomes. The vision and mission of the institution emphasize on promoting value education through motivated trained faculty to prepare the students to accept the challenges of globalization. The Institute has a proper mechanism of communication of the learning outcomes of the Programs and Courses, which includes the following;

1. Hard Copy of syllabi and course/programme Outcomes are available in the respective departments for ready reference to the teachers and students.
2. Copy of Curriculum and Outcomes of Programs and Courses are also uploaded on the institute website.

The Programme Outcomes and Course Outcomes of each programme and Course is framed by the Board of Studies, University of Mumbai and the concerned program after rigorous consultation with all faculty members and the stakeholders following the curriculum designed by our affiliating University. The combined documents containing stated Programme Outcomes and Course Outcomes of all programmes and Courses offered by the college are displayed on the college website at

<http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>

Mechanism of Communication to the Teachers:

All Heads of the department notifies their faculty members about the display of Programme Outcomes and Course Outcomes of the department on the college website at <http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>. The teachers are informed to download and read the same. These POs and COs are also displayed in the respective departments and hardcopy is made available in the departmental file.

Mechanism of Communication to the Students:

All Heads of the department notifies their students about the display of Programme Outcomes and Course Outcomes of the department on the college website at <http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>. The PO, PSO and CO is also shared with students through respective Whatsapp group of each class. The students are informed to download and read the same. These PO, PSO and CO are also displayed in the respective departments.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.apcnagothane.edu.in/images/program%20outcomes.pdf
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The college follows formal (direct method) as well as an informal mechanism (indirect method) for the measurement of attainment of the learning outcomes; however, the attainment is computed only by considering only formal mechanism.

Formal Mechanism (Direct Method):

- **Pass Percentage:**

The evaluation of attainment of Course Outcomes of the department is done by the marks/grades obtained by the students in the final semester end university examination of each course (paper) of the programme. The evaluation of attainment of Programme Outcomes of the department is done from the pass percentage of the students in the final semester end university examination of the programme. Finally the evaluation of attainment Programme Outcomes of the college is computed by calculating the average of pass percentage of all students of each department of the college.

- **Feedback from Students:**

Every department of the college also collects the feedback from the latest passed out final year Undergraduate and Post-graduate

students on attainment of Programme Outcomes through the survey form. The analysis of this feedback collected from students on attainment of Programme Outcomes was done by respective department and report of the same was prepared.

Informal Mechanism (Indirect Method):

Attainment of programme outcomes and course outcomes are also evaluated by indirect methods (Informal Mechanism) through the Class Test, students' active participation in classroom interactions, attendance, home assignment, seminar presentation, group discussion, survey, research project, quiz, viva-voce and competitions. These test the conceptual understanding, memory, specific knowledge, communication, application, critical thinking and writing skills.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.apcnagothane.edu.in/images/Allfeedback202021.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

159

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.apcnagothane.edu.in/images/passpercentage.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<http://www.apcnagothane.edu.in/images/ss%20survey%20feedback.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research

3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)

1.6

File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File

3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year

3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year

01

File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://mu.ac.in/wp-content/uploads/2020/03/apd762201920.pdf

3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year

3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution

during the year

05

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

15

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

06

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

As per the guidelines incorporated in goals, vision and mission statement of the institute, different extension activities were conducted by the institute. Through extension activities, social contribution of the institute towards society is focused.

- Gymkhana committee has conducted Awareness programme and Check-up of Oxygen level and Pulse rate of all staff members with 38 beneficiaries.
- Gymkhana committee has conducted Awareness programme on Safety measures to control the corona-virus diseases (Covid-19) with 65 beneficiaries.
- Health Centre and NSS had conveyed the COVID-19 Pandemic related information (List of Medical Stores (Chemist) in and around Nagothane, Ambulance Services, List of Hospitals with Address; Help line Number & Mobile Number of related Officer or Doctor) to three nearby schools and Junior colleges
- National Social Service (NSS) also carried out various activities such as expert lectures on Yoga, Celebration of International Yoga Day, Awareness of COVID-19, Downloading Arogya Setu app, ZEN YOGA: An ideal life style, Blood donation, Distribution of 300 masks to poor people in Bensewadi Taluka-Pen.
- Women Development Cell has organized Online Elocution competition
- Women Development Cell in association with Health Centre has organized awareness programme on COVID-19
- Department of Botany conducted awareness campaign on COVID-19 Infection & Importance of Vaccination in community with 40 beneficiaries.
- Department of Botany has conducted awareness programme on Organic Farming & Sustainable Agriculture among farmers
- National Service Scheme has also organized Tree plantation in College campus.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Extension%20activities.pdf
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

11

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

25

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

417

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

31

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

21

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The college is committed to provide required and sufficient infrastructural facilities for the smooth conduct of curricular, extracurricular and extension activities on campus. The college administration has been very keen and has made concerted efforts for creation, enhancement and maintenance of infrastructure during the year to keep pace with the academic growth of the college and challenges set ahead of higher education. Some of the features of the policy adopted by the college for infrastructural development are as follows:

- To collect reports on infrastructural needs from all HODs, Chairmen of support services like library, gymkhana, NSS, WDC, Placement Cell, and Research Committee periodically.
- To constitute building and maintenance committee to look after infrastructure development and monitor the same through CDC and IQAC.
- To make planning for short and long term infrastructural requirements and adhere with the same for effective execution.
- To create/enhance infrastructure on priority basis to support the institutional goal of imparting quality education and promote teaching learning environment.
- Allocation of maximum resources for infrastructural development.
- Optimum utilization of the existing infrastructure for curricular, co-curricular and extracurricular activities.
- Raising funds through various schemes of UGC under General Development Grants and others that provide financial assistance for creation/enhancement/maintenance of infrastructural facilities.
- Raising funds from government funding agencies under various schemes.
- Raising funds from alumni, well-wishers and other stakeholders.
- Creating linkages with NGOs, social organizations, businessmen, industrialists, etc. beneficiaries and avail financial and technical assistance for infrastructure development.

The CDC and IQAC of the college follow the policy of governing institution, Konkan Education Society's for planning and development of infrastructure. The college takes sincere efforts to keep available infrastructure in line with its academic growth. Timely actions are taken to develop/augment physical and technical infrastructural facilities for effective implementation of curricular, co-curricular and extracurricular activities. The college has a separate Building and Maintenance Committee, which looks after the infrastructural needs in the purview of academic growth of the college. The college has following mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment:

- The governing institution of the college Konkan Education Society's has appointed Architects, Consultants, Auditors and Building Supervisors for expansion, maintenance and upkeep of the infrastructural facilities of its affiliating colleges. Mrs. Sashikant mohite, Manjit Mohite (Architect) and Mr. Vasant Appa Terade (Building supervisor) have been looking after development and augmentation of infrastructure.

The college has College Development Committee, Admission Committee, Examination Committee, Student Council Library Committee, Woman Development Cell, Purchase Committee, Alumni Association Committee, Repair and Maintenance Committee, Office Administration and Academic Supervisor Committee, Digital College Committee, Website Committee, UGC Grant Development Committee that plan for maintenance and upkeep of the infrastructure, facilities and equipment of the college and monitor the ongoing procedures for the same.

- CDC of the college has a member who acts as an External Expert and recommends/monitors infrastructural development and its maintenance.

- Annual Maintenance Contracts are signed every year for maintenance of physical, academic and support facilities. Mr. Onkar Patil has yearly contract for maintenance computers and Internet Connection.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/coll_egeinfra.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The college has good facilities for conducting sports, games and cultural activities.

The college is having open ground of approximate area 2725.50 sq. m.

Sports facilities have been established for various indoor and outdoor games.

Indoor Games: Chess, Caroms, Table Tennis

Outdoor Games: Volleyball, Kabaddi, Kho-Kho, High Jump, Long Jump

Sports & Games play an integral part in the all-round development of the student. Keeping this in mind the institution has a definite policy and plan of action to encourage sports & games.

The institution has spacious and well-equipped sports complex having total carpet area 190 sq. m

Separate common Room for boys: 19.5 sq. m.

Separate Common for girls: 32 sq. m

Multi gymnasium unit : 44.66 sq. m.

CULTURAL Facilities: A Well-equipped and established cultural club is functioning in the college premises. We have organized various cultural events in our college premises at University level there by extracted the hidden cultural talent of the students. Under cultural activities, we celebrated for number of functions and conducted various competitions.

YOGA Centre: In this modern age of stress and hard work, every individual needs peace of mind and to overcome the stress, yoga is

the best remedy. Yoga practice makes one's body and mind healthy. It not only keeps one fit but also enhances human ability to think and increase power of concentration. We also conducted yoga from the eminent yoga teachers once in a month. We also found huge number of students shown their interest to participate in yoga. Yoga became part of our curriculum after finding the importance of yoga.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/sports&cultural.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

10

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/ictfacilities.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

82.85319

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

- Name of ILMS software- SOUL 3.0
- Nature of automation (fully or partially)- Partially
- Version- 3.0
- Year of Automation- 2014

The Library has partially automated. Library has using Acquisition model, Cataloguing model. Circulation model, Serial Control model and OPAC. The library has provides OPAC facilities for students and faculty members.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sites.google.com/view/apscnlib/home

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e- journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.18866

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

55

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college is committed to provide sufficient IT and Wi-Fi facilities for the smooth conduct of curricular, extracurricular and extension activities on campus. The college administration has been very keen and has made efforts for creation and maintenance of IT and Wi-Fi facilities during the year to keep pace with the

academic growth of the college. Features of the policy adopted by the college for IT and Wi-Fi facilities are:

- To collect reports on IT infrastructural needs from all HODs, Chairmen of support services like library, gymkhana, NSS, WDC, Placement Cell and Research Committee periodically.
- To make planning for short and long term software requirements and adhere with the same for effective execution.
- To make planning for installation and maintenance of Wi-Fi.
- To create/enhance IT and Wi-Fi facility on priority basis to support the institutional goal of imparting quality education and promote teaching learning environment through ICT class rooms.
- The college has College Development Committee, Purchase Committee, Digital College Committee, etc. that plan for maintenance and upkeep of the IT infrastructure, facilities, equipment and WIFI facility of the college.
- IQAC of the college recommends the required IT infrastructure to CDC of the college, which is approved and implemented

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/ictwifi.pdf

4.3.2 - Number of Computers

59

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution C.10 - 30MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

82.85319

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Institute follows optimum utilization of the existing infrastructure for curricular, co-curricular and extracurricular activities

A. Laboratory:-

- Maintenance records of 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 a prior provision of disposal of waste of all types such as solid and liquid waste as well as e-waste.

B. Library:-

- The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized 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 E-books and E-journals library has subscribe INFLIBNET-NLIST 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

C. Sports:-

- College has provided Indoor and Outdoor games facilities to the students.
- College has allocated separate budgets for sports.
- College has promoted students to participated in Zonal level, University level and national level Sports.

D. Computer:-

- College has establish separate computer laboratory for Computer Science and Information Technology course students
- College has provided computer centre in library for all students.
- Computer Maintenance through Omkar Enterprises is done regularly.
- Non repairable systems are disposal off through the maintenance and repairs committee.

E. Classrooms:-

- The CDC has continuously worked for the maintenance and upkeep of infrastructure.
- College has provided well equipped and ICT based classrooms

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://apcnagothane.edu.in/policies.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

30

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

45

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills

B. 3 of the above

File Description	Documents
Link to institutional website	http://www.apcnagothane.edu.in/images/Capacity%20building%20and%20skills%20enhancement%20initiatives.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

137

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

137

File Description	Documents
Any additional information	View File
Number of students benefitted by guidance for competitive examinations and career counseling during the year (Data Template)	View File

5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees

A. All of the above

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View File
Upload any additional information	View File
Details of student grievances including sexual harassment and ragging cases	View File

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

12

File Description	Documents
Self-attested list of students placed	View File
Upload any additional information	View File

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

30

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations

(eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

00

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

03

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The college has a Student Council as a statutory body constituted every year as per the Maharashtra University Act, 2016. Selection: Selection of the members of the Student Council is made purely on merit basis (academic merit at previous year examination) and outstanding performance given in extension activities like NSS, sports, DLLE and Cultural as per the guidelines laid down by the affiliating university.

1. Mr. Yash Suresh Avhad-Gymkhana Committee

2. Miss. Rutija Sandip Dalvi-NSS Committee
3. Miss. Nivedita Vilas Mhatre-Cultural Committee
4. Mr. Prathmesh Suresh Avhad-Students Council Committee
5. Miss. Hinali Pradeep Jain-Women Development Committee
6. Mr. Rajesh Kishor Kokare-Anti- Ragging Committee
7. Mr. Uttam Janu Bavadhane-Canteen Committee
8. Miss. Shruti Ramchandra Nijamkar-Science Association Committee
9. Mr. Pranam Atmaram Sawant-IQAC

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Students%20participation%20in%20college%20committees.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the Institution participated during the year

01

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

College has Alumni Association committee that contributes significantly to the development of the institution through financial and/or other support services.

The working committee for Alumni Association of the college is,

Dr. V. Sarada - In - Charge

Dr. S. D. Patil - member

Mr. J. V. Patil -member

Mr. V. S. Shinde - member

Mrs. Nilam Mahale- member

Mrs. Pranjali Konde - member

The composition of Alumni Association is

1. Mrs. Adv. Sonal Jain - President
2. Mrs. Nilam Shelar - Vice President
3. Mrs. Manasi V. Shelar - Secretary
4. Miss. Swati B. Shirke - Co - Secretary
5. Miss. Sheetal S. Take - Co - Secretary
6. Miss. Manjiri R. Bhide - Co - Secretary
7. Mr. Nikhil Chanderasseril - Co - Secretary
8. Miss. Chaitrali S. Patil - Treasurer
9. Miss. Uzma I. Adhikari - Members
10. Miss. Suvidha S. Sanap - Members
11. Miss. Poonam A. Muddebhalkar - Members

- Meeting of Alumni was organized at Roha and discussion was raised to collect Alumni funds for the development of college. In this meeting 2 alumni are felicitated by offering Shawl, Shriphal and buckey.
- Our Alumni Mr. Aniket Tatkare, MLA has donated 100 cement sheets of amount Rs.- 30,000/- for the development of college.
- Our Alumni Mr. Dinesh Patki GM Softbox limited donated Rs. 2.5 Lacks for development of PG laboratory in Chemistry (CSR fund)

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/alumini.htm
Upload any additional information	View File

5.4.2 - Alumni contribution during the year D. 1 Lakhs - 3Lakhs (INR in Lakhs)

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

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 up-liftment 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 socio-economically 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 8200 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 km. The students from different villages such Nagothane, Kolad, Roha, Bense, Shihu, Ambeghar, Khamb, Pen, Amdoshi, Kuhire, Wangani, Balsai, Wakan, Kansai, Wasgaon, Varvathane 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. Some of the prominent category students studied in the college are member of Legislative Assembly. 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 courses to cherish the dream of 'One Student One Skill' by inculcating career oriented 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.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/percentage%20plan.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Principal of our Institute believes in delegation of authority and decentralization. Accordingly, the governing system of the institution prefers decision making in democratic, participative and decentralized manner. The Principal, IQAC coordinator, HOD's and Senior Professors are responsible for the academic and administrative leadership of the college. The college has been always in favour of participation of faculty, administrative and non teaching staff and the representative from students, alumni, industry, local society, in general administration of college. All of them encourage contributing in terms of their ideas, suggestions and recommendations towards the development of better work culture of institution. Following are the practices:-

A) Department level decentralization: - The Principal appoints Head of departments for effective functioning of the college. The HOD's and Teacher In-charge are involved in participative management through the roles assigned to them. HOD's look after the duties of respective faculty and departmental activities. He monitors overall development of the respective class. Therefore, the departments enjoy autonomy operations in respect of academic planning and day to day planning. The activities are planned and executed at the departmental level and for this inter departmental cooperation is always welcome and appreciated by the principal and the head of the department.

B) Statutory and Non-statutory college committees:- Statutory and Non-statutory are formed at the beginning of the academic year. All the faculties are given responsibilities as a part of participative management. The faculty of the concerned committee helps the management to conduct institutional activities. This committee consists of teachers and student volunteers as a member, this helps to groom leadership among faculty members as well as students. The College conducts various programs and activities for faculty and students at two levels:-

1) Academic Level: - The faculty members have freedom to select or purchase the required books and also to plan teaching, learning, evaluation and designing co-curricular, extra-curricular activities to support programme requirements and overall development of students.

2) Non-Academic Level :- Individual teacher being a member or the In-charge of the various committees takes active part in the various events such as university or annual sports, youth festival like Utsav, Avishkar research convention, various competitions organized by Konkan Education Society. Thus, the above structure of governance indicates high degree of participation of students, teachers and members of Governing body in maintaining culture of participative management.

C) Involvement of senior faculty in decision making process: -

The senior faculty of the college play important role in the decision making process of the college. The Principal invites suggestions of the senior faculty regarding academic and administrative policies for effective functioning of the college. Most of the senior faculty is included in College Co-ordination Committee, College Development Committee, IQAC and other statutory and non-statutory committees.

D) Participation of stakeholders in institutional activities:-

The college promotes participation of all its stakeholders such as students, faculty, administrative staff, support staff, parents, alumni, employers, well-wishers, etc. for the effective functioning of the college. All the activities of the college are conducted with their cordial support. Student representatives are also nominated on statutory and non-statutory committees like CDC, IQAC, Students Council, NSS, NCC, Gymkhana, WDC, etc.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/committees%20of%202021-22.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Among the implemented activities for the fulfillment of Strategic Plan, Research and development activity described below:

The college has University recognized Ph.D. Guides in Chemistry and Botany. Also College has University recognized research guide for M.Sc. by research in Chemistry There is a separate Research Committee to look after and implement strategies formulated for research and development. Following initiatives are undertaken to improve the quality of research and development in the college.

- Teachers are encouraged to undertake minor and major research projects of various funding agencies.
- Research advisory committee monitor and control ethical aspect of research.
- Teachers and students are encouraged to attend seminars, conferences/workshops. Financial support is given to them for their participation/involvement in such ventures.
- Teachers are encouraged to pursue M.Phil./Ph.D./Post-doctoral degree in their respective subjects.
- Teachers are encouraged to acquire recognition as research guides from University and process is initiated to start Ph.D.
- Organization of state, national and international webinars in different disciplines.
- Provide the financial assistance to teachers and students to participate in Avishkar Research Convention.
- Development of Reference Section in the Central Library to facilitate research scholars of the college.
- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and departments.
- Strengthening linkages/collaborations/tie-ups with research institutes/ laboratories/industry.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/strategic%20plan%20and%20development.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The college is governed by the Konkan Education Society, Alibag. The General body, Managing Council, Executive Committee, Higher Education Committee, Co-ordination Committee judiciously look after the management of the Sanstha and its affiliated colleges. The Sanstha controls, monitors and plan for financial matters. The college submits the major developmental proposals/schemes to the Sanstha for its approval. The College development committee (CDC) is constituted according to the Maharashtra Universities Act of 2016. The CDC is the apex body at college level. It is committee of 15 members nominated from industry, social workers, alumnae, local society, education, principal, head of the departments, teaching, non-teaching staffs, and student representatives. Principal is academic and administrative head of the college. IQAC coordinator assist the Principal for smooth functioning of the administrative system and smooth conduction of academic programmes. The head of departments looks after administration of respective department through planning and various activities. The same mechanism is adopted for all the support services of the college. The Administrative Office mainly looks into matters related to accounts, admissions, scholarships, eligibility and examinations. Statutory and Non-statutory Committees help the college in monitoring and facilitating several administrative functions and organization of college activities. The IQAC is constituted as per the directives by NAAC. It has vital link with all the constituents of the college and takes special care in ensuring the enhancement and sustenance of quality and excellence of the college.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/The%20functioning%20of%20the%20institutional%20bodies.pdf
Link to Organogram of the Institution webpage	http://www.apcnagothane.edu.in/images/institutional%20organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching Staff: - 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

- Organization of Medical checkup camp

Non-teaching Staff:-

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 Konkan Education Society Patpedhi

- Felicitation of nonteaching staff at the time of annual Prize distribution function

Felicitation of staff member on superannuation

- Organization of Medical checkup camp

Distribution of N-95 Masks to non-teaching staff

Checkup of oxygen level and pulse rate measurements of staff through Medical checkup camp on 7th Oct 2020

- Distribution of Latex Hand gloves to non-teaching staff on 15th Oct 2020.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/welfare%20measures%20for%20teaching%20and%20non-%20teaching%20staff%202021-22.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/ workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

00

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

02

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

13

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has an effective Performance Appraisal System for Teaching and Non-teaching staff.

Key Performance Indicator (KPI) for the Principal:

There is a provision of Key Performance Indicator for assessment of the administrative performance of the Principal as per the guidelines of the Govt. of Maharashtra. The Principal submits his KPI to the Secretary at the end of each academic year

Academic Performance Indicator (API) Performance-based Appraisal System (PBAS) for Faculty:

The performance of each faculty is evaluated with the help of a Performance based Appraisal System as per the guidelines of UGC and an affiliating university. Each faculty submits duly filled out API and PBAS forms to IQAC at the end of the academic year. The PBAS form is designed to assess the performance of teachers in 03 categories like Teaching, Learning and Evaluation, Curricular, Extension and Professional Development, and Research Contribution made by the faculty during the year. IQAC evaluates the submitted API and PBAS on the evidentiary proofs produced by the faculty. The concerned faculty applies for promotion under Career Advancement Scheme after fulfillment of eligibility as per the system.

Confidential Reports for Non-Teaching Staff:-

There is a separate provision of Confidential Reports to evaluate the performance of non-teaching staff as per the norms of govt. of Maharashtra. Each non-teaching staff submits his/her annual report based on the duties assigned and the contribution made for the same. The Principal evaluates the performance and communicated the same to the parent institution each year with his observations and recommendations to the staff for improvement in the performance if required.

Students Feedback on Teacher:

Feedback collected from students on respective teachers is used to assess the performance of the corresponding teacher. The feedback committee collects students' feedback on each faculty every year. Feedback collected is analyzed by the Principal and the feedback committee.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Institutions%20Performance%20Appraisal%20System.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution conducts internal and external financial audits on regularly basis as per the guidelines of Govt. of Maharashtra and Parent Institution.

Following are the mechanisms for internal and external audit:

Internal Audit:-

The college has appointed a Chartered Accountant Mr. Bhalchandra Lonkar as a internal auditor. He is responsible for concurrent audit of the college. He submits details of expenditure on twice a yearbasis to the CDC of institution and concerned authority.

Besides this, the Sanstha has a separate Audit Department comprising Chartered Accountant/s which conducts the audit of the college twice in a financial year. Both the kinds of internal audits are conducted by following all the rules laid down by the govt. and the Sanstha.

External Audit :-

External Audit of the college is carried out by the government agencies like Accounts General (AG) and submit the report to the Govt.

Internal and external financial audits carried out during the year 2020-21

- Internal audit: The Konkan Education Society has a separate audit department which conducts local audits per semester
- External audit: Institute carry out annual audit through external auditor Mr. Janardan J. Ranedive appointed by the Sanstha. These audits are conducted as per the Govt. rules. Institute conducted external audit on 25/03/2021.
- 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.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Financial%20audits%20of%20Institution.pdf
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

2.97

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Institutional Strategy for mobilization of funds:

The college mobilizes required funds for academic activities and infrastructural needs through following resources:

- College Development Fund collected from students as per the fee structure of affiliating university.
- Grants received from funding agencies like UGC, DST
- Donations received from stakeholders
- Monetary support / hand in help under CSR of nearby industry
- Utilization of corpus fund, if required.

Policies for mobilization of required funds:

The college adopts following policies for mobilization of funds

- Admission to students as per sanctioned seats
- Submission of proposals to funding agencies to avail grants
- Request for donations from Alumni, donors and well-wishers
- Submission of proposals to nearby industry to avail monetary support or hand in help under CSR.

Procedures for Resource Mobilization:

The college makes optimal utilization of available funds through

the following:

- Budgetary provision for each academic department
- Budgetary provision for Central Library
- Budgetary provision for support services such as Gymkhana, NSS
- Provision of Seed Money for Inspirational Awards for the students.
- Submission of demand related to academic and physical facilities by Head of Department to the Principal.
- Approval of College Development Committee required for procurement of academic and physical facility.
- Approval of parent institution for the projects approved by CDC.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Institutional%20strategies%20for%20mobilization%20of%20funds.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

- Prepared Plan of Action for year 2020-21.
- Organized 04 meeting of IQAC on 10/08/2020, 26/10/2020, 04/01/2021 and 10/05/2021 respectively.
- Fulfillment of NAAC Recommendations.
- Submitted AQAR for year 2019-20 to NAAC on 22th April 2021.
- Chalked out Perspective Plan for Academic Departments and Support Services for year 2021-22.
- Monitored Online Teaching-Learning and Evaluation process throughout the year.
- Conducted Students Satisfaction Survey in February 2021.
- Analyzed feedback collected form stakeholders and put the same before CDC for further action.

- Preserved documents of the activities carried out during the year.
- Organized Training Programmes for Faculty and Staff.
- Organized 05 National webinars & 02 Institutional Level Webinars.
- Sanctioned 04 Institutional Minor Research Projects Under University of Mumbai.
- Organized Individual Presentations of Faculty.
- Organized Departmental Presentations and Document Verification.
- 10% additional strength (2 students) is permitted to admit for PG course from August 2020. It also resolved to submit the proposal for 20% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2020-21
- Chalked out Action Taken Report (ATR) on the Plan of Action for year 2020-21.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Quality%20processes%20of%20IQAC.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC (Internal Quality Assurance Cell) of the college plays pivotal role in setting up benchmarks for institutional quality improvement and its sustenance. Teaching learning process, structures and methodologies of operations adopted by the college are reviewed by IQAC periodically. The IQAC conducts periodic meetings to plan quality oriented activities and review their outcomes

• Teaching Learning Teaching Learning process is reviewed by IQAC through Syllabus Planning, Lectures Notes and Syllabus Completion Reports submitted by each faculty member.

• Reports submitted by Online / offline lectures Monitoring Committee, Feedback by students and Students Satisfaction Survey

are used to evaluate T-L process.

•The IQAC also collects reports on CIE and Attainment of Programme / Course Outcomes from respective Head of Departments for analysis of the process.

•Analysis of academic results of UG and PG classes is done immediately after declaration of results and corrective measures are suggested to concern department of faculty for improvement.

•The IQAC conducts Individual Presentation of each faculty and Departmental Presentations to evaluate the academic performance and activities carried out by the academic departments.

•Reports on curricular, co-curricular and extension activities conducted by academic departments and support services are collected, analyzed and used for improvement.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Institution%20review%20throught%20IQAC.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.apcnagothane.edu.in/images/Annual%20report2020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Women Development Cell: - The College is careful about maintaining and promoting gender equity. The college takes care of the safety and security of girl students. For this Purpose College has formulated a separate Women Development Cell for the effective planning and execution of the practice.

According to the Vice-chancellors directions issued under sec 14(8) of Maharashtra University Act 1994, according to circular No- WDC/VCD/240 of 2008, women development cell is actively working in the college which organizes various programs and activities in the college that promotes the gender equity with the following objectives:

- To make Girl students aware of different job opportunities.
- To provide Soft Skills, Professional Skills, and Life Skills among Girl students.
- To encourage Girl students for self-employment by acquiring required skills through Skill Based Short-Term Courses.

Following special facilities are available for girl students in college,

Formation of anti-Sexual Harassment Committee- According to Maharashtra Govt.'s Lady Section/sexual harassment committee/2011-255 dated 7/6/2011 'Mahila Laingik Atyachar Samiti' is formed in the college. It also works as an anti-harassment

cell. The aim of this cell is to promote a culture of respect and equality for the female gender and also to monitor the treatment of women in the college.

Formation of Grievance cell & suggestion box named 'Sakhi': Suggestion box 'Sakhi' is kept in the main entrance of college premises for receiving the complaints from girls. Girl students can drop their complaints in BOX.

Separate Girls' Common room: The College has a common room for girls provided with an adequate number of toilets, washrooms, washbasin, dressing table, chairs, fans, Sanitary Napkin Vending Machine. The girl students may rest, relax and refresh there. The purpose of a common room facility for girls is to create a stress-free environment.

Counseling: The ladies staff members of our college are promptly counseling girl students about any difficulty they are facing within as well as out of campus.

Gender-sensitive features:-Gender-sensitive features are carefully implemented in the college by forming various committees like Anti-ragging and Internal Complaint Committee and Women Development Cell. Also, adequate facilities are provided to the girls. Gender equality is kept upright in the college.

Gender Perspective in Curricula:-For the past three decades, Mumbai University has introduced in its curricula a course named "Foundation Course" which helps to create social awareness, civic sense, and social responsibilities in students. The Foundation Course is introduced as a compulsory course to all students of a bachelor's degree at both first and second-year levels.

Anti-Ragging and Discipline Committee:-The College has constituted the anti -ragging and Discipline Committee as part of the UGC mandatory committee. The College prospectus clearly states the anti-ragging policy of the college. Ragging is a criminal offense and UGC has notified Regulations on curbing the menace of ragging in higher educational institutions to prohibit, prevent and eliminate the scourge of ragging. The students in distress owing

to ragging-related incidents can access the committee. The committee has one female and one male member and the Principal of the college is its chairperson.

Activities conducted by women development cell 2020-21

Webinar on 'Health Advice with reference to the Post Covid - 19 situation'

Celebration of Birth Anniversary of Smt. Savitribai Phule

Online Webinar on-Hindu Marriage Act - The Current Scenario

Self-employment skill development - Bag making

Celebration of International women's day

File Description	Documents
Annual gender sensitization action plan	http://www.apcnagothane.edu.in/images/Annual%20gender%20Sensitisation.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.apcnagothane.edu.in/images/Specific%20facilities%20provided%20for%20women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient equipment

B. Any 3 of the above

File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File

7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management

Solid waste management: - For the collection of waste from college premises, Dust Bins are used. Dry waste is collected at regular intervals with the help of non-teaching staff and disposed of at the end of the day. Paper waste is shredded and sold to licensed purchasers of K.E.S. Alibag. There is a provision of 5 soak pits of size 10 x 5 x 3 (5 Pits) which generate adequate fertilizer for the campus.

Hazardous Waste Management: - Mild reagents, Chemicals, solvents are mostly used wherever possible for regular Chemistry practical's. There are adequate exhaust provisions to drive out acid and other fumes while working in Chemistry laboratories. Chemical fire extinguishers are charged periodically by an outside licensed agency.

E-Waste Management:-The outdated computers are sent for recycling through private agencies by following the proper right-off procedure. The life of electronic equipment is extended by appropriate upkeep and minor repairs carried out by laboratory experts Mr. Onkar Patil, OM infotech, Kusumbale, Alibag and reused in the campus itself.

Liquid waste management:-The effect of liquid wastes generated from the laboratories is diluted/ neutralized and then discharged in a soak pit.

Biomedical Waste Management:-Biomedical wastes are not generated on campus

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://www.apcnagothane.edu.in/images/7.1.3%20Geo%20tagged%20photograps.pdf
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus **A. Any 4 or all of the above**

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include

7.1.5.1 - The institutional initiatives for greening the campus are as follows: **B. Any 3 of the above**

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. landscaping with trees and plants

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities **D. Any 1 of the above**

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment

C. Any 2 of the above

5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus to generate the

feeling of oneness and social harmony. The college and teaching staff jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party, teacher's day, orientation and farewell program, induction program, rally, oath, plantation, Youth day, Vachan Prerna Din, Women's day, Yoga day etc. Motivational lectures of eminent persons of the field are arranged for the all-around development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

Besides academic and cultural activities, we have built up many strong cultures for a variety of sports activities and for the physical development of the Boys as well as girl students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

K. E. S. Anandibai Pradhan Science College, Nagothane sensitizes the students and its employees to the constitutional obligations of a responsible citizen by celebrating Independence Day, Republic Day, Maharashtra Day, Swachha Bharat Abhiyan, Constitution day, National Integrity, Voters awareness campaign, Road safety activities etc events are organized in the college. Students actively participate in all these events

Sensitization of Values:-

The celebration of Independence Day and Republic Day which inculcate the value of patriotism, freedom, selflessness towards the nation through singing the national anthem and patriotic songs by students and staff members after Dhwaja-vandan.

Brotherhood Value -

Distribution of masks, cloths and food materials to needy during

COVID-19.

Sensitization of Rights-

Students are sensitized with the Indian Constitution with respect to our fundamental Rights and Duties on Indian Constitution Day (Samvidhan Divas) organized on 26th November. The understanding of Educational rights through a speech given on the occasion of Teacher's Day. The familiarity towards the Right to Equality was sensitized through a speech by women staff on Women's Day.

Sensitization of Duties -

The national anthem sung on Independence day and Republic day helps sensitize the respect towards national flag and national anthem, and adds a sense to protect the unity and national integrity.

Sensitization of Responsibilities of Citizen:-

The understanding of Moral responsibility, and Human value was sensitized through Blood Donation Camp which was organized by our college in association with District Blood Bank Alibag for storage and future usage by needy individuals free of cost. The service-learning was sensitized through distribution of food-materials and masks to the needy during COVID-19 pandemic.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff

4. Annual awareness programmes on Code of Conduct are

organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Konkan Education Society's Anandibai Pradhan Science College, Nagothane has always taken the responsibility of holistic development of the students. The College is organizing the birth and death anniversaries of national heroes and the founder of our Santha. Commemorative Days of Adv. Datta Patil, Bapusaheb Deshpande Dnyanjyoti Savitribai Phule, Chhatrapati Shivaji Maharaj, Mahatma Phule, Dr. Sarvapalli Radhakrishnan, Dr, Babasaheb Ambedkar are organized with full of energy and inspirations. All these days receive the rich history of our nation. When an event is celebrated the students remember and get inspired by the life stories of the great national heroes. In addition to this, our institute celebrates Environment Day, International Yoga Day, and International Women's Day, Independence Day, Republic day, Maharashtra Din, Sansta foundation day in every academic year. Wallpaper is a platform for the students to liberate their hidden qualities. It gives exposure to the student's feelings through articles, poems, short stories, and various collections of information on different subjects and current events, quotes and jokes. Keeping this point of view Wallpapers are displayed on different occasions in college.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 1

Title:- 'Women empowerment and gender sensitivity in community'

Title:- Women empowerment and gender sensitivity in

'Aim: - Maintaining and strengthening the status of Women.

Objectives:-

- o Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender. To promote gender equality conscience among girl students, women employees & among society.
- o To provide for dialogue, discussion, and deliberation on woman's rights and gender related issues by organising events and activities for women empowerment.
- o To encourage participation from NGO's and law enforcement agencies in this area.
- o To review safety and security measures for female employees and girl students in the college campus.
- o To encourage female students to be self-reliant and economically independent by acquiring required skills through Skill Based Short-Term Courses run by the college.
- o To produce equal career opportunities to all the genders.
- o To increase the strength of girl students in the institute.
- o To increase physical strength through Karate & Self-defence technique

- To promote research culture in improving woman status.
- To provide and maintain a dignified congenial working environment for women employees and students where they can work, study and explore their potential to the fullest.
- To make all the girl students aware of health, hygiene and care to be taken.

Women's Development Cell is a vibrant and incessantly active initiative of the institution toward maintaining and strengthening the status of women. It has been organizing varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real importance of gender equality in the society. Women development cell is statutory body for the prevention/action against sexual Harassment of women. It looks into the grievances /complaints of Teaching, Non-teaching staff and students especially in cases of gender discrimination.

As per the guidelines of university, WDC should work effectively in the institute towards equal educational opportunities to all. It has to organize workshops, seminars and talks to convey the message of gender equality. It also works for increasing the social awareness among students through survey based research projects/Posters/Slogans /Essay/ Rangoli competition.

The Context:-

Women Empowerment and Gender Equality are the most important requirements for the enlistment and progress of our society. Equal educational opportunities to all and gender sensitization being one of the cross cutting issues of higher education. But age-old patriarchal system, growing cases of sexual harassment over the years, women's safety, their socio-economic backwardness, and negligence of basic human rights to women 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. Unfavorable conditions rampant in the society prevent the girl student's 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 womenempowerment and gender sensitivity to cherish betterment of the deprived section ofthe 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 self-awareness and realization by providing them all possible space and opportunities. Gender equality, women's safety and their empowerment has been one of the areas of concern nowadays. Timely orientation on the same is the key to prevent mishaps caused by anti-social groups/forces. The college believes that there is no tool of National development other than the women empowerment. When women have adequate education, rights, space and opportunities, it will prosper to their families, communities and ultimately the Nation.

The Practices:

The college has formulated a separate Women Development Cell along with the statutory committees such as Anti-ragging Committee and Anti-Sexual Harassment Committee for the effective planning and execution of the practice. The cell strives 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 Lectures/Seminars
- ? College offers Skill based short term courses for girl students.
- ? Involvement in co-curricular and extra-curricular activities.
- ? Participation of girl students in Research Projects, Sports, NSS, DLLE, Cultural activities etc.
- ? Awareness about the special provisions made by law.
- ? To Provide redressed mechanism for the grievance or compliance for the girls.

Implementation:-

The college have girls common room which is well ventilated and has washrooms, dressing mirrors, sanitary pad, vending machines with inclinators, 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 2020. The various programmes arranged by WDC and Institute during the year 2020-21 are given below:-

Details are-

1) Webinar on 'Health Advice with reference to the Post Covid - 19 situation': 12th February 2021

K.E.S. Anandibai Pradhan Science College Nagothane, IQAC & Women Development Cell organized webinar on 'Health Advice with reference to the Post Covid - 19 situation' On 12th February, 2021 at 10.00 AM on online platform; Microsoft Teams for S. Y. B. Sc. students and staff. Invited Speaker was Dr. Bhrati, Medical Officer, Reliance Industries Ltd, Nagothane. She delivered a speech on Covid-19 and advised to take proper precautions in Post Covid - 19 situation. e - Certificates were provided to all participants after filling feedback forms. Feedback link will be shared in chat box during webinar. Link for joining was provided separately on this what's app group. 60 girls were participated in the programme. The program found fruitful and beneficial to college students.

2) Online Webinar on- Hindu Marriage Act - The Current Scenario: 9th March 2021

K.E.S. Anandibai Pradhan Science College Nagothane, Women Development Cell organized webinar on 'Hindu Marriage Act - The Current Scenario' on 9th March, 2021 at 4.00 p.m. on online platform; Microsoft Teams for S. Y.B. Sc. students and staff. Invited Speaker was Adv, (Mrs.) Sonal J. Jain, Nagothane. She delivered a lecture on the knowledge of laws of Hindu marriage act and its current scenario e - Certificates were provided to all participants after filling feedback forms. Feedback link will be shared in Chat box during webinar. Link for joining was provided separately on this what's app group. It was great awareness program for girl students.

3) Self-employment skill development, Bag making workshop: 1 April 2021

K.E.S. Anandibai Pradhan Science College Nagothane, Women Development Cell organized webinar on 'Self-employment skill development - Bag making workshop for S. Y. B. Sc. students and staff on 1st April, 2021 at 4.00 p.m. - 5.00 p.m. on Online platform; Microsoft Teams. Resource Person was Mrs. Manali Sahastrabudhdhe, Calssic Bag makers, Nagothane. She demonstrated making of bags with cloth, jute etc. students were provided with e - Certificates. 100 girl students benefitted from this program.

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 525 in the year 2020-21. Out of these, male count is 229 and Female count is 296. There are 25 girls students doing their Post-Graduation in the subject chemistry.
- Avishkar Research Project entitled "Online learning vs. Face to Face Learning: Opinion base study during Covid Crisis" presented by student Miss Sawant Pratiksha Shivaji, T. Y. B.Sc. and guided by teacher Dr. Smita T. Morbale has been selected for the final round and received certificate of merit. The competition was held by Department of student welfare, University of Mumbai by virtual mode.
- Miss Krushnali Dattaram Gharat student from T. Y. B. Sc. Received award of Best NSS volunteer by University of Mumbai.
- 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.
- Women-friendly campus and supportive learning environment is established.
- The facility of Sanitary Napkins Vending Machine is being used and appreciated by girls.
- The purpose is to promote safe and hygienic- sanitary practices among women and girls.
- Faith has been created among parents about safe and secured atmosphere of college campus.

- Student council has large representation by girl students.
- Ragging, Eve teasing/harassment is reduced completely in the premises.
- Offenders are punished from time to time.

Now-days, it has been found that girl students are in the merit of academics and co-curricular activities.

Problems Encountered and Resources Required:-

Due to pandemic all programs were conducted on virtual platform. It arrived difficulty for arranging activity like self-defense program as well as for some professional trainings like tailoring, flower making, Scent/perfume making etc.

Contact Details

Name of the Principal : Dr. Sandesh S. Gurav

Name of the Institution : Konkan Education Society's

Anandibai Pradhan Science College, Nagothane,

Dist. - Raigad (Maharashtra)

City : Nagothane

Pin Code : 410206

Accredited Status : 'B+' Grade with CGPA Score 2.68

Work Phone : (02194) 222582

Fax : (02194) 223699

Website : www.apcnagothane.edu.in

E-mail : principalapsc@yahoo.co.in

Mobile : 8149375082

BEST PRACTICE 2

Title :-Promotion of Research Culture

Aim:-To motivate students and faculties to enhance research
activates for the benefit

of community.

Objectives:-

- To enhance research among students and teacher of the institution.
- Encouragement for quality publications
- To facilitate community oriented project through outreach programmes.
- To encourage UG/PG students to organize / participate in seminars and conferences to unfold new areas of research
- To encourage the teachers to upgrade their qualification in form of M. Phil. /Ph.D./Post-Doctoral degree in respective subjects.
- To encourage the teachers to acquire recognition as research guides from University and to start Ph.D. programme in respective subjects.
- To upgrade the library facilities toward research and development.
- To motivate students to undertake value added projects.

The Practice:-

The following practices are taken up by the institute for promotion of research among student, teachers and community:-

1) IQAC and Science association committee publishes science bulletin "Prerana" and organizes project exhibition, research poster competition, rangoli exhibition etc.

2) College organizes research poster presentation of PG students in the premises which is open for UG students, Junior college

students.

3) Rangoli exhibition on Green chemistry, Global warming and AIDS awareness has been organized as a social issue.

4) In the beginning of the academic year orientation programme for the students is organized to motivate them for research competition and projects.

5) Research committee conducts orientation programme for the teachers to encourage them for undertaking MRP's under University of Mumbai, DST, UGC etc.,

6) Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor.

7) Teachers and students are encouraged to attend conferences, seminars, workshops, etc.

Implementation:-

Institute has active research committee and it believes that research plays an important role in the growth of an institution. Under the guidance of research committee department of science streams such as Chemistry, Physics, Botany, Zoology has submitted research proposals to the funding agencies such as UGC, DST and University of Mumbai. Proposal has been submitted Maharashtra Pollution control board for continuation of research collaboration for monitoring two NAMP points at MIDC Dhatav. Teachers and students are encouraged to participate in Avishkar Research Convention of University of Mumbai and National / International conferences. Teachers and students are encouraged to attend seminars, conferences/workshops. Financial support is given to them for their participation/involvement in such ventures. Teachers are encouraged to pursue M. Phil./Ph.D./Post-doctoral degree in their respective subjects under the motivation of IQAC and research committee. They are also encouraged to acquire recognition as research guides from University and process is initiated to start Ph.D. programme in respective subjects.

For collaborative research Placement and interaction with industries, Institution form number of MOU's with pharmaceutical and chemical industries.

To facilitate research and research scholar's reference section in the Central Library is developed by

- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and department

Evidence of Success:-

It is matter of pride that the efforts of IQAC and research committee gave fruitful results and brought success stories for institution such as:-

1. As a result of this faculty of institution has got recognition as a teacher to guide Ph.D., M.Sc. by research, M. Sc. by papers under University of Mumbai.
2. From last three years Dr. D.V. Bhagat has been nominated as a District coordinator for Avishkar research convention conducted by University of Mumbai.
3. IQAC and Science association committee organizes research poster presentation of PG students in the premises which is open for UG students, Junior college students.
4. One day orientation program was organized for UG and PG students on 20/03/2021 to motivate student for participation at Avishkar Convention. Total 40 students involved in this program.
5. Total number of students 11 participated at 15th Inter collegiate/ Institute/ Department Avishkar Research Convention 2020-21 from which Sawant Pratiksha Shivaji, Gupta Nitish Paramanand, Sawant Pranam Atmaram and Watve Anuja Sunil received certificate of merit and participated at final round. They presented their research project entitled "Online learning Vs Face to face learning: Opinion based study during Covid Crisis".
6. M.Sc. I year student Miss Ruchika Nikam participated at National Conference Recent trends in interdisciplinary research in basic sciences 2021 held by Pillai HOC arts science commerce college Rasayani, affiliated to university of Mumbai.
7. Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor and to attend conferences, seminars, workshops, etc., Faculties have published 19 research papers in National/International Journals. Out of that 3 papers published in web of science and Scopus indexed journals and remaining papers are published in UGC care listed and peer reviewed journals. With this inspiration of faculties, they

visited and presented papers in National/International conferences.

8. Department of science streams such as Chemistry, Physics, Botany, Zoology has submitted research proposals to the funding agencies such as UGC, DST and University of Mumbai. Out of that 4 research projects are sanctioned for Department of Chemistry at the outlay of Rs. 1, 60, 000/- by University of Mumbai.

Problems encountered and resources required:-

Due to pandemic the students as well as staff were unable to perform experimental part of their projects/Research in laboratory.

Contact Details

Name of the Principal : Dr. Sandesh S. Gurav

Name of the Institution : Konkan Education Society's

Anandibai Pradhan Science College, Nagothane,

Dist. - Raigad (Maharashtra)

City : Nagothane

Pin Code : 410206

Accredited Status : 'B+' Grade with CGPA Score 2.68

Work Phone : (02194) 222582

Fax : (02194) 223699

Website : www.apcnagothane.edu.in

E-mail : principalapsc@yahoo.co.in

Mobile : 8149375082

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 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 the University of Mumbai, established in 1992 and founded by the visionary Late Adv. Datta Patil. It relishes the dream of socio-economic 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 downtrodden Community for development of Society through Quality Education". In the purview of the splendid aphorism to educate students of farmers, workers, fishermen and saltpan workers of Raigad District, especially rural area. It has successfully been marching ahead and taking efforts endlessly for the betterment of the socioeconomically backward section of the society. Around 8200 students enrolled in the college belong to economically and socially backward section of the society. The passing percentage of the backward students is 96.28%

Part B

CURRICULAR ASPECTS

1.1 - Curricular Planning and Implementation

1.1.1 - The Institution ensures effective curriculum delivery through a well planned and documented process

Admission:-All rules and regulations regarding admission are mentioned in the college admission broucher. In our college, the 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 university and government norms, with this merit list the students are admitted strictly based on merit marks. Similarly, the PG admissions are started after the declaration of T.Y.B.Sc. results. The S.Y.B.Sc. and T.Y.B.Sc. admissions are completed just after the declaration of the result. After completion of all admission of the different classes, the committee also prepares the roll numbers alphabetically.

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, and declaration of results using the CGPA system adopted by the parent university. Exams are conducted on behalf of the college for the first two years of the degree course and final year the exam is conducted on behalf of the University for the UG and PG course in the college. This year college conducted first-half and second-half examinations as an online platform through Google forms by using mobile to the students due to the lockdown (because of Covid-19) during the year 2020-21.

Administration:-The Principal, Head Clerk of the college, and IQAC of the institute look after the attendance of regular and temporary faculty, which helps in the monthly salary payment of all the employees. They also maintain and follow them all easy and effective official interaction to the college and with the university.

Curriculum Activities:-In the beginning of every semester, meeting of each department was organized under the guidance of the Principal, IQAC and HOD, teaching plan is prepared, the workload is allotted to all faculties and the syllabus is executed as per the norms of the university and it is reflected

in the teacher's diary. At the end of every semester head of the entire department takes a meeting regarding the completion of the syllabus as per the allotment or not. Due to the Covid-19 pandemic situation, we have used the online teaching mode by using Microsoft Teams App along with POWER-POINT, Animations, Whatsapp, Videos, Youtube videos, Class tests, etc. as ICT tools for effective teaching-learning methods for the students. The college has a core committee consisting of IQAC coordinator, all H.O.D.'s, Chairperson of various college committees, support services to plan structured schedules of curricular planning and implementation.

Attendance:- Institute has a mechanism to record the attendance of theory classes and Practicals for all UG and PG courses. The attendance committee determines the list of students who do not qualify a minimum of 75% attendance for appearing to the examination.

Personality Development Programmes:-The institute also has a mechanism regarding the development of students' personalities, in which we organize Industrial Visits, excursions, field visits, etc so that it will help the students for their all-round development. But due to the Covid-19 situation, it was not possible to conduct the above programs this year.

Research Activities:-The institute has a mechanism for developing the research culture amongst the students and teaching faculties. Every year students are motivated and participate in the Avishkar research festival conducted by the university. The research projects are also given to the PG students under the guidance of respective faculties.

Faculty Development:-This year institute is given opportunities to each and every faculty to attend various conferences, seminars, workshops, etc. by online modes due to the pandemic situations. They are also allowed to do the orientation and refresher courses, which are helpful for their career development process.

File Description	Documents
Upload relevant supporting document	View File
Link for Additional information	http://www.apcna gothane.edu.in/images/Teaching%20Plan.pdf

1.1.2 - The institution adheres to the academic calendar including for the conduct of Continuous Internal Evaluation (CIE)

Continuous evaluation has been taken throughout the year by the institution by conducting the following evaluation approaches:-

- Regular attendance in the class
- Written/Oral Test.
- Interaction
- Question-answer sessions
- Classroom Seminars
- Home assignments
- Power Point Presentations
- Unit Tests
- Group Discussions
- Class Tests
- Projects
- Surprise Tests
- Field Visits
- Tutorials
- Survey
- Viva-voce
- Excursions
- E-test, Online Test, Quiz through Google Forms
- Participation in curricular, co-curricular and extra-curricular activities/ competitions, etc.
- Online examination theory and practical
- Uploading Sample Question bank on College website.
- Uploading study material on Google classroom.

For Continues Internal Evaluation following reforms were undertaken by the college:

- Conducted Certificate Courses.
- Conducted E-test, online tests, Online Quiz Conducted
- Preliminary theory and practical examinations.
- Assigned projects on recent research topics to the students.
- Arranged Essay Writing and Elocution Competitions to evaluate writing and presentation/speech-related skills of the students.
- Arranged Surprise Tests, Open Book Tests and Unit Test.
- Allotted Home assignments.
- Organized 'Chem Rangoli and Chem- Poster' competition to test and nurture the subject interest.
- Adopted online evaluation methods through E-test, Online

Test, Quiz using Google Forms

The institution is an affiliated college of the University of Mumbai. It prepares its Academic calendar and strictly adheres to Conduct of college examinations and other related matters

- Academic Calendar for the next academic is prepared by the end of May every year.
- It is a comprehensive plan of all the academic, co-curricular and extracurricular activities.
- It shows academic terms, schedule for admission, meetings of IQAC and various committees, internal evaluation, semester-end examination, holidays, working hours of office and library, study tours, annual sports, NSS, NCC and other activities, Youth Festival, a celebration of special days and other related

academic, curricular and extra-curricular activities.

- In advance, it is communicated to the Departments for the effective execution of the planned activities.
- The academic calendar is published in the college prospectus and made available through the college website for the information of students and stakeholders.
- College mentions all details of Academic and Examination related programs in the college prospectus.
- The college has well-defined mechanisms to conduct CIE as per the Academic calendar.
- Internal examination: Internal examination conducted in months of September and January for each semester respectively in the Academic calendar.
- Semester examination: As per the schedule prescribed by the University.
- The examination committee conducts the practical and theory examination in the months of Oct. - Nov. and March - April for each semester as mentioned in the academic calendar.
- Results of college examinations are declared as per the schedule given in the Academic Calendar.
- The detailed schedule of internal, external and practical examinations is displayed on the notice board in advance for the communication of students.

File Description	Documents
Upload relevant supporting documents	View File
Link for Additional information	http://www.apcnagothane.edu.in/images/cal_202021.pdf

<p>1.1.3 - Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the year. Academic council/BoS of Affiliating University Setting of question papers for UG/PG programs Design and Development of Curriculum for Add on/ certificate/ Diploma Courses Assessment /evaluation process of the affiliating University</p>	<p>A. All of the above</p>
--	-----------------------------------

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	View File
Any additional information	View File

<p>1.2 - Academic Flexibility</p>
<p>1.2.1 - Number of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p>
<p>1.2.1.1 - Number of Programmes in which CBCS/ Elective course system implemented</p>
<p>11</p>

File Description	Documents
Any additional information	View File
Minutes of relevant Academic Council/ BOS meetings	View File
Institutional data in prescribed format (Data Template)	View File

1.2.2 - Number of Add on /Certificate programs offered during the year

1.2.2.1 - How many Add on /Certificate programs are added during the year. Data requirement for year: (As per Data Template)

01

File Description	Documents
Any additional information	View File
Brochure or any other document relating to Add on /Certificate programs	View File
List of Add on /Certificate programs (Data Template)	View File

1.2.3 - Number of students enrolled in Certificate/ Add-on programs as against the total number of students during the year

30

1.2.3.1 - Number of students enrolled in subject related Certificate or Add-on programs during the year

30

File Description	Documents
Any additional information	View File
Details of the students enrolled in Subjects related to certificate/Add-on programs	View File

1.3 - Curriculum Enrichment

1.3.1 - Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

University of Mumbai framed syllabus of different courses addressing current crosscutting issues of social and national interest.

The syllabus of the courses like Foundation course, Botany and Zoology etc, includes crosscutting issues related to respective subject knowledge. These issues help to create awareness among the students.

Professional Ethics :- Our teaching faculty always strives to

imbed professional/ethical values through their responsible behaviour and proper guidance. These ethics brings desirable changes in the behaviour and attitude of students.

Gender:- Our college ensures equal opportunities to all college students irrespective of gender. University of Mumbai has constituted statutory committees entitled Women Development Cell (WDC), Anti-ragging and Internal complaints committee to address issues related to women. During the academic year 2020-21, these committees conducted various online activities to build up confidence among women, awareness about gender equality and legal provisions to tackle gender related issues.

Human Values:- Moral and Ethical values such as Honour, Mutual respect, Trust, Politeness, Good manners and Social accountability are the basis of human life. These values are incorporated in the syllabus of various subjects like Foundation Course, English, Geography, Economics, Psychology and Political Science etc. During online lectures, above human values were imparted to the students of all programmes. Support services like NSS and NCC organized Blood Donation Camps and Rallies to create social awareness and responsibility among students.

Environment and Sustainability:- Deforestation, Pollution, loss of natural habitats and Poaching of animals has degraded environment and biodiversity as a whole. Students were sensitised, to know the status of environment, biodiversity and exploitation of natural resources through environmental studies. To prevent further degradation, immediate steps needs to be taken to conserve existing environment and biodiversity. It can be achieved through sustainable development.

File Description	Documents
Any additional information	View File
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum	View File

1.3.2 - Number of courses that include experiential learning through project work/field work/internship during the year

04

File Description	Documents
Any additional information	View File
Programme / Curriculum/ Syllabus of the courses	View File
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View File
MoU's with relevant organizations for these courses, if any	View File
Number of courses that include experiential learning through project work/field work/internship (Data Template)	View File

1.3.3 - Number of students undertaking project work/field work/ internships

238

File Description	Documents
Any additional information	View File
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	View File

1.4 - Feedback System

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders
Students Teachers Employers Alumni**

A. All of the above

File Description	Documents
URL for stakeholder feedback report	View File
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View File
Any additional information(Upload)	View File

1.4.2 - Feedback process of the Institution may be classified as follows

A. Feedback collected, analyzed and action taken and feedback available on website

File Description	Documents
Upload any additional information	View File
URL for feedback report	http://www.apcnagothane.edu.in/images/All_feedback202021.pdf

TEACHING-LEARNING AND EVALUATION

2.1 - Student Enrollment and Profile

2.1.1 - Enrolment Number Number of students admitted during the year

2.1.1.1 - Number of sanctioned seats during the year

630

File Description	Documents
Any additional information	View File
Institutional data in prescribed format	View File

2.1.2 - Number of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the year (exclusive of supernumerary seats)

2.1.2.1 - Number of actual students admitted from the reserved categories during the year

301

File Description	Documents
Any additional information	View File
Number of seats filled against seats reserved (Data Template)	View File

2.2 - Catering to Student Diversity

2.2.1 - The institution assesses the learning levels of the students and organizes special Programmes for advanced learners and slow learners

The institute conducts every possible measure to assess the learning levels of its students. The institute admits students from different socio-economic backgrounds. The students are guided and oriented at the time of admission and also after the admission to make aware of the course, mode of internal and external assessments, curricular and co-curricular activities, facilities available in the institute and also rules and regulations of the institution. These things are also made available on the institute's website. The teachers from the departments counsel the students regarding the scope of different courses being offered. If students are not able to cope with the courses they selected, then the opportunity is also given to such students for changing their options before the confirmation of the enrolment. Institute assesses the learning levels of the students at the beginning of each programme in the class, their knowledge about the programme and also through Semester End Examinations, Assignments, Presentations, Viva-voce Examinations etc., on regular basis. Accordingly, special coaching for advanced learners and slow learners is planned. The Institute has given clear instruction to all the departments to conduct online remedial and extra classes for both advanced and slow learners during holidays and vacations. Even after the completion of the syllabus, subject classes are repeated for slow learners and late admissions. Teachers remain available in the institute, on phone or on WhatsApp to clear the doubts and counsel the students even on a one-to-one basis. Advanced learners are encouraged to become class representatives, to participate in Avikshkar Research Convention and also guided to perform better in the examinations.

File Description	Documents
Link for additional Information	http://www.apcnagothane.edu.in/images/2.2.1.pdf
Upload any additional information	View File

2.2.2 - Student- Full time teacher ratio (Data for the latest completed academic year)

Number of Students	Number of Teachers
525	27

File Description	Documents
Any additional information	View File

2.3 - Teaching- Learning Process

2.3.1 - Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

The teaching-learning process was conducted on online platform as students were not allowed on campus due to covid-19 pandemic situation. The college has adopted Microsoft Teams platform for online teaching-learning Process and other student centric methods. Faculty members of college have adopted various teaching methods to make learning more student-centric. College provides support structures and systems for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students. Some of the sincere attempts made by the college to make online teaching-learning process more students centric through experiential learning method, participative learning method, problems solving method by using Online Group Discussions, Question-Answer Session, Online Game based learning, Online Wall paper publication, Online Competitions like Power Point presentations, Poster, Essay, Chem-Rangoli, Quiz, Avishkar Research Convention etc,. Faculty members conducted Effective ICT enabled teaching on virtual mode using subject related digital software, education websites, applications, Video Lectures, Social Media. Additionally, Learning Management System likes 'Google Classroom'. Faculty members have conducted various Online Test / Quizzes using Google form. Guest / Expert Lectures were conducted under Faculty Exchange and Student Exchange Programme. , The institute organized offline Practical

demonstrations for final year students to get adequate knowledge of instruments and experiments. IT and Computer Science departments of the institute have taken practical's for all classes through online mode and to some extent offline mode also.

Career Guidance Cell, NSS, DLLE and WDC like committees organize online seminars / sessions on self-employment skill development and career opportunities, socio-economic issues viz. Hindu Marriage Act, Blood Donation, Self Defense, Swachha Bharat, Personal Hygiene and Sanitation which inculcate human values among the students and the practice and habit of participative learning and problem-solving methodologies. In PG programmes, there is a compulsory project/ dissertation that provide adequate opportunity to the students for incorporating and practicing problem-solving methodology.

File Description	Documents
Upload any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/student%20centric%20methods.pdf

2.3.2 - Teachers use ICT enabled tools for effective teaching-learning process. Write description in maximum of 200 words

The ICT undoubtedly allows new ways of learning for students and teachers. It helps the teachers to interact with students.

The whole academic year 2020-2021 was affected by the Covid-19 pandemic. Therefore, it was not only the choice but also the compulsion that the teachers should learn, adopt and practice the ICT-enabled tools. The IQAC of the University of Mumbai conducted Faculty Training Programme for the development of e-content and the use of e-resources during the initial part of the academic year. The faculty members are effectively using ICT-enabled tools like computers/laptops, LCD projectors, headphones, internet, PPT presentations, video-lectures, audio-lectures, YouTube links, e-contents, WhatsApp groups, Microsoft Team, Zoom, ICT enables classrooms and Google classrooms etc. to improve teaching and learning. These digital platforms are used for conducting webinars also. In a pandemic, the use of the internet and laptop/mobile became a common practice not only for the teachers but also for the students. Institute

website, ICT enable classrooms, Google Classrooms and Whats-App groups are used as platforms to teach, communicate, provide syllabus and study materials, sample questions of each course, make announcements, conduct tests, upload assignments, address queries and to share information. The website of the University of Mumbai is also provided to the students to enable the students regarding university circulars, ordinances, notifications, syllabus, time-tables, results and other important information. The library also provides access to computers and online journals and e-books freely available in the public domain. Xeroxing facility is also available in the library. Feedback is also received online from the students, faculty members, and other stakeholders.

File Description	Documents
Upload any additional information	View File
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	http://www.apcnagothane.edu.in/images/ICT%20enabled%20tools%20for%20effective%20teaching-learning%20process.pdf

2.3.3 - Ratio of mentor to students for academic and other related issues (Data for the latest completed academic year)

2.3.3.1 - Number of mentors

27

File Description	Documents
Upload, number of students enrolled and full time teachers on roll.	View File
Circulars pertaining to assigning mentors to mentees	View File
mentor/mentee ratio	View File

2.4 - Teacher Profile and Quality

2.4.1 - Number of full time teachers against sanctioned posts during the year

27

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	View File
Any additional information	View File
List of the faculty members authenticated by the Head of HEI	View File

2.4.2 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.B Superspeciality / D.Sc. / D.Litt. during the year (consider only highest degree for count)

2.4.2.1 - Number of full time teachers with Ph. D. / D.M. / M.Ch. /D.N.C Superspeciality / D.Sc. / D.Litt. during the year

10

File Description	Documents
Any additional information	View File
List of number of full time teachers with Ph. D. / D.M. / M.Ch./ D.N.B Super specialty / D.Sc. / D.Litt. and number of full time teachers for year(Data Template)	View File

2.4.3 - Number of years of teaching experience of full time teachers in the same institution (Data for the latest completed academic year)

2.4.3.1 - Total experience of full-time teachers

367

File Description	Documents
Any additional information	View File
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	View File

2.5 - Evaluation Process and Reforms

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and mode. Write description within 200 words.

Internal assessments and Practical Viva-voce Examinations are conducted at the appropriate times with respect to the calendar of examinations fixed by the University of Mumbai and IQAC of the institute. Time tables and notifications of Internal assessments are circulated in WhatsApp Groups of respective Classes, displayed on notice boards and uploaded on the official website of the institute. The teachers help students in grasping the correct essence of the questions asked. Institute provided sample questions of each course on the institute website and also on Whatsapp groups to enable the students about the pattern of the questions that can be asked in the assignments. Institute also provided a question bank of each course for Practical Viva-voce Examinations to the students which helped them to release the tension of the said examination. All internal assessments are taken online due to the Covid-19 pandemic. During online assignment/examination if students face any technical or internet issue and if it is communicated immediately to the Principal of the institute then their re-assignment / re-examination is conducted as per the guidelines of the University of Mumbai. Due care and the track are maintained till the submission/completion of assignments.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/Mechanism%20of%20internal%20assessment.pdf

2.5.2 - Mechanism to deal with internal examination related grievances is transparent, time-bound and efficient

Most of the grievances related to the examination are received after declaration of results by the University of Mumbai or Institute.

The Institute has follow well defined mechanisms to deal with internal examination related grievances to be transparent, time- bound and efficient as given below,

1. Institute follows transparent mechanism developed by the provision of separate Examination Committee and Unfair Means Committee.
2. Time Bound and Efficient: If the internal examination related grievances are received from the students, then the examination committee verifies the same and take

necessary measures stipulated time. All process is time bounded and efficient. As per the University Guidelines and nature of grievances, the process is completed within one or two weeks.

3. Nature of probable grievances and correction mechanisms for Redressal adopted by college is given below:

- Discrepancies in name, selection of course, course code, late fees, etc. are forwarded to the University for necessary corrections in due time.
- Grievances related to revaluation, Verification of marks, photocopies, etc. are forwarded to the University for Authentication and necessary action.
- Issues of absentee, submission of the project / assignment, marks awarded etc., notify to the concerned subject teacher/ HoD/ Examination Committee.
- In rare cases, where Injustice/ victims of the horn's effect in evaluation observed, then students can approach the Controller of Examinations or the Vice Chancellor of the university.
- correction in Devanagari name on Convocation Certificate.

The close and continuous communication is maintained by the Principal and Examination In-charge with the university authorities for speedy disposal of queries, explanations and doubts if any. As per internal or practical examinations are concerned, if any student pin points any academic discrepancy during conduct of tests/examination, the concerned teachers / Examination Committee / Principal wholeheartedly show their concern and the attention is given to the student grievances.

For other minor grievances, college grievance Redressal cell and the Unfair Means Committee help the students with regard to the any other grievances.

File Description	Documents
Any additional information	View File
Link for additional information	http://www.apcnagothane.edu.in/images/Student%20Grivence.pdf

2.6 - Student Performance and Learning Outcomes

2.6.1 - Teachers and students are aware of the stated Programme and course outcomes of the Programmes offered by the institution.

The Institute has well-defined learning outcomes. The vision and mission of the institution emphasize on promoting value education through motivated trained faculty to prepare the students to accept the challenges of globalization. The Institute has a proper mechanism of communication of the learning outcomes of the Programs and Courses, which includes the following;

1. Hard Copy of syllabi and course/programme Outcomes are available in the respective departments for ready reference to the teachers and students.
2. Copy of Curriculum and Outcomes of Programs and Courses are also uploaded on the institute website.

The Programme Outcomes and Course Outcomes of each programme and Course is framed by the Board of Studies, University of Mumbai and the concerned program after rigorous consultation with all faculty members and the stakeholders following the curriculum designed by our affiliating University. The combined documents containing stated Programme Outcomes and Course Outcomes of all programmes and Courses offered by the college are displayed on the college website at <http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>

Mechanism of Communication to the Teachers:

All Heads of the department notifies their faculty members about the display of Programme Outcomes and Course Outcomes of the department on the college website at <http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>. The teachers are informed to download and read the same. These POs and COs are also displayed in the respective departments and hardcopy is made available in the departmental file.

Mechanism of Communication to the Students:

All Heads of the department notifies their students about the display of Programme Outcomes and Course Outcomes of the department on the college website at <http://www.apcnagothane.edu.in/images/program%20outcomes.pdf>.

The PO, PSO and CO is also shared with students through respective Whatsapp group of each class. The students are informed to download and read the same. These PO, PSO and CO are also displayed in the respective departments.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.apcnagothane.edu.in/images/program%20outcomes.pdf
Upload COs for all courses (exemplars from Glossary)	View File

2.6.2 - Attainment of Programme outcomes and course outcomes are evaluated by the institution.

The college follows formal (direct method) as well as an informal mechanism (indirect method) for the measurement of attainment of the learning outcomes; however, the attainment is computed only by considering only formal mechanism.

Formal Mechanism (Direct Method):

- Pass Percentage:

The evaluation of attainment of Course Outcomes of the department is done by the marks/grades obtained by the students in the final semester end university examination of each course (paper) of the programme. The evaluation of attainment of Programme Outcomes of the department is done from the pass percentage of the students in the final semester end university examination of the programme. Finally the evaluation of attainment Programme Outcomes of the college is computed by calculating the average of pass percentage of all students of each department of the college.

- Feedback from Students:

Every department of the college also collects the feedback from the latest passed out final year Undergraduate and Post-graduate students on attainment of Programme Outcomes through the survey form. The analysis of this feedback collected from students on attainment of Programme Outcomes was done by respective department and report of the same was prepared.

Informal Mechanism (Indirect Method):

Attainment of programme outcomes and course outcomes are also evaluated by indirect methods (Informal Mechanism) through the Class Test, students' active participation in classroom interactions, attendance, home assignment, seminar presentation, group discussion, survey, research project, quiz, viva-voce and competitions. These test the conceptual understanding, memory, specific knowledge, communication, application, critical thinking and writing skills.

File Description	Documents
Upload any additional information	View File
Paste link for Additional information	http://www.apcnagothane.edu.in/images/Allfeedback202021.pdf

2.6.3 - Pass percentage of Students during the year

2.6.3.1 - Total number of final year students who passed the university examination during the year

159

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View File
Upload any additional information	View File
Paste link for the annual report	http://www.apcnagothane.edu.in/images/passpercentage.pdf

2.7 - Student Satisfaction Survey

2.7.1 - Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design its own questionnaire) (results and details need to be provided as a weblink)

<http://www.apcnagothane.edu.in/images/ss%20survey%20feedback.pdf>

RESEARCH, INNOVATIONS AND EXTENSION

3.1 - Resource Mobilization for Research	
3.1.1 - Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
3.1.1.1 - Total Grants from Government and non-governmental agencies for research projects / endowments in the institution during the year (INR in Lakhs)	
1.6	
File Description	Documents
Any additional information	View File
e-copies of the grant award letters for sponsored research projects /endowments	View File
List of endowments / projects with details of grants(Data Template)	View File
3.1.2 - Number of departments having Research projects funded by government and non government agencies during the year	
3.1.2.1 - Number of departments having Research projects funded by government and non-government agencies during the year	
01	
File Description	Documents
List of research projects and funding details (Data Template)	View File
Any additional information	View File
Supporting document from Funding Agency	View File
Paste link to funding agency website	https://mu.ac.in/wp-content/uploads/2020/03/apd762201920.pdf
3.1.3 - Number of Seminars/conferences/workshops conducted by the institution during the year	
3.1.3.1 - Total number of Seminars/conferences/workshops conducted by the institution during the year	
05	

File Description	Documents
Report of the event	View File
Any additional information	View File
List of workshops/seminars during last 5 years (Data Template)	View File

3.2 - Research Publications and Awards

3.2.1 - Number of papers published per teacher in the Journals notified on UGC website during the year

3.2.1.1 - Number of research papers in the Journals notified on UGC website during the year

15

File Description	Documents
Any additional information	View File
List of research papers by title, author, department, name and year of publication (Data Template)	View File

3.2.2 - Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during the year

3.2.2.1 - Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings during the year

06

File Description	Documents
Any additional information	View File
List books and chapters edited volumes/ books published (Data Template)	View File

3.3 - Extension Activities

3.3.1 - Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the year

As per the guidelines incorporated in goals, vision and mission statement of the institute, different extension activities were

conducted by the institute. Through extension activities, social contribution of the institute towards society is focused.

- Gymkhana committee has conducted Awareness programme and Check-up of Oxygen level and Pulse rate of all staff members with 38 beneficiaries.
- Gymkhana committee has conducted Awareness programme on Safety measures to control the corona-virus diseases (Covid-19) with 65 beneficiaries.
- Health Centre and NSS had conveyed the COVID-19 Pandemic related information (List of Medical Stores (Chemist) in and around Nagothane, Ambulance Services, List of Hospitals with Address; Help line Number & Mobile Number of related Officer or Doctor) to three nearby schools and Junior colleges
- National Social Service (NSS) also carried out various activities such as expert lectures on Yoga, Celebration of International Yoga Day, Awareness of COVID-19, Downloading Arogya Setu app, ZEN YOGA: An ideal life style, Blood donation, Distribution of 300 masks to poor people in Bensewadi Taluka-Pen.
- Women Development Cell has organized Online Elocution competition
- Women Development Cell in association with Health Centre has organized awareness programme on COVID-19
- Department of Botany conducted awareness campaign on COVID-19 Infection & Importance of Vaccination in community with 40 beneficiaries.
- Department of Botany has conducted awareness programme on Organic Farming & Sustainable Agriculture among farmers
- National Service Scheme has also organized Tree plantation in College campus.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Extension%20activities.pdf
Upload any additional information	View File

3.3.2 - Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

3.3.2.1 - Total number of awards and recognition received for extension activities from Government/ government recognized bodies during the year

11

File Description	Documents
Any additional information	View File
Number of awards for extension activities in last 5 year(Data Template)	View File
e-copy of the award letters	View File

3.3.3 - Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organized in collaboration with industry, community and NGOs) during the year

3.3.3.1 - Number of extension and outreach Programs conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

25

File Description	Documents
Reports of the event organized	View File
Any additional information	View File
Number of extension and outreach Programmes conducted with industry, community etc for the last year (Data Template)	View File

3.3.4 - Number of students participating in extension activities at 3.3.3. above during the year

3.3.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the year

417

File Description	Documents
Report of the event	View File
Any additional information	View File
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	View File

3.4 - Collaboration

3.4.1 - The Institution has several collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research etc during the year

31

File Description	Documents
e-copies of linkage related Document	View File
Details of linkages with institutions/industries for internship (Data Template)	View File
Any additional information	View File

3.4.2 - Number of functional MoUs with national and international institutions, universities, industries, corporate houses etc. during the year

3.4.2.1 - Number of functional MoUs with Institutions of national, international importance, other universities, industries, corporate houses etc. during the year

21

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	View File
Any additional information	View File
Details of functional MoUs with institutions of national, international importance, other universities etc during the year	View File

INFRASTRUCTURE AND LEARNING RESOURCES

4.1 - Physical Facilities

4.1.1 - The Institution has adequate infrastructure and physical facilities for teaching- learning. viz., classrooms, laboratories, computing equipment etc.

The college is committed to provide required and sufficient infrastructural facilities for the smooth conduct of curricular, extracurricular and extension activities on campus. The college administration has been very keen and has made concerted efforts for creation, enhancement and maintenance of infrastructure during the year to keep pace with the academic growth of the college and challenges set ahead of higher education. Some of the features of the policy adopted by the college for infrastructural development are as follows:

- To collect reports on infrastructural needs from all HODs, Chairmen of support services like library, gymkhana, NSS, WDC, Placement Cell, and Research Committee periodically.
- To constitute building and maintenance committee to look after infrastructure development and monitor the same through CDC and IQAC.
- To make planning for short and long term infrastructural requirements and adhere with the same for effective execution.
- To create/enhance infrastructure on priority basis to support the institutional goal of imparting quality education and promote teaching learning environment.
- Allocation of maximum resources for infrastructural development.
- Optimum utilization of the existing infrastructure for curricular, co-curricular and extracurricular activities.
- Raising funds through various schemes of UGC under General Development Grants and others that provide financial assistance for creation/enhancement/maintenance of infrastructural facilities.
- Raising funds from government funding agencies under various schemes.
- Raising funds from alumni, well-wishers and other stakeholders.
- Creating linkages with NGOs, social organizations,

businessmen, industrialists, etc. beneficiaries and avail financial and technical assistance for infrastructure development.

The CDC and IQAC of the college follow the policy of governing institution, Konkan Education Society's for planning and development of infrastructure. The college takes sincere efforts to keep available infrastructure in line with its academic growth. Timely actions are taken to develop/augment physical and technical infrastructural facilities for effective implementation of curricular, co-curricular and extracurricular activities. The college has a separate Building and Maintenance Committee, which looks after the infrastructural needs in the purview of academic growth of the college. The college has following mechanisms for maintenance and upkeep of the infrastructure, facilities and equipment:

- The governing institution of the college Konkan Education Society's has appointed Architects, Consultants, Auditors and Building Supervisors for expansion, maintenance and upkeep of the infrastructural facilities of its affiliating colleges. Mrs. Sashikant mohite, Manjit Mohite (Architect) and Mr. Vasant Appa Terade (Building supervisor) have been looking after development and augmentation of infrastructure.

The college has College Development Committee, Admission Committee, Examination Committee, Student Council Library Committee, Woman Development Cell, Purchase Committee, Alumni Association Committee, Repair and Maintenance Committee, Office Administration and Academic Supervisor Committee, Digital College Committee, Website Committee, UGC Grant Development Committee that plan for maintenance and upkeep of the infrastructure, facilities and equipment of the college and monitor the ongoing procedures for the same.

- CDC of the college has a member who acts as an External Expert and recommends/monitors infrastructural development and its maintenance.

- Annual Maintenance Contracts are signed every year for maintenance of physical, academic and support facilities. Mr. Onkar Patil has yearly contract for maintenance computers and Internet Connection.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/collegeinfra.pdf

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor), gymnasium, yoga centre etc.

The college has good facilities for conducting sports, games and cultural activities.

The college is having open ground of approximate area 2725.50 sq. m.

Sports facilities have been established for various indoor and outdoor games.

Indoor Games: Chess, Caroms, Table Tennis

Outdoor Games: Volleyball, Kabaddi, Kho-Kho, High Jump, Long Jump

Sports & Games play an integral part in the all-round development of the student. Keeping this in mind the institution has a definite policy and plan of action to encourage sports & games.

The institution has spacious and well-equipped sports complex having total carpet area 190 sq. m

Separate common Room for boys: 19.5 sq. m.

Separate Common for girls: 32 sq. m

Multi gymnasium unit : 44.66 sq. m.

CULTURAL Facilities: A Well-equipped and established cultural club is functioning in the college premises. We have organized various cultural events in our college premises at University level there by extracted the hidden cultural talent of the students. Under cultural activities, we celebrated for number of functions and conducted various competitions.

YOGA Centre:In this modern age of stress and hard work, every individual needs peace of mind and to overcome the stress, yoga is the best remedy. Yoga practice makes one's body and mind healthy. It not only keeps one fit but also enhances human ability to think and increase power of concentration. We also conducted yoga from the eminent yoga teachers once in a month. We also found huge number of students shown their interest to participate in yoga. Yoga became part of our curriculum after finding the importance of yoga.

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/sports&cultural.pdf

4.1.3 - Number of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc.

10

4.1.3.1 - Number of classrooms and seminar halls with ICT facilities

10

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/ict facilities.pdf
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View File

4.1.4 - Expenditure, excluding salary for infrastructure augmentation during the year (INR in Lakhs)

4.1.4.1 - Expenditure for infrastructure augmentation, excluding salary during the year (INR in lakhs)

82.85319

File Description	Documents
Upload any additional information	View File
Upload audited utilization statements	View File
Upload Details of budget allocation, excluding salary during the year (Data Template)	View File

4.2 - Library as a Learning Resource

4.2.1 - Library is automated using Integrated Library Management System (ILMS)

- Name of ILMS software- SOUL 3.0
- Nature of automation (fully or partially)- Partially
- Version- 3.0
- Year of Automation- 2014

The Library has partially automated. Library has using Acquisition model, Cataloguing model. Circulation model, Serial Control model and OPAC. The library has provides OPAC facilities for students and faculty members.

File Description	Documents
Upload any additional information	View File
Paste link for Additional Information	https://sites.google.com/view/apscnlib/home

4.2.2 - The institution has subscription for the following e-resources e-journals e-ShodhSindhu Shodhganga Membership e-books Databases Remote access toe-resources

B. Any 3 of the above

File Description	Documents
Upload any additional information	View File
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	View File

4.2.3 - Expenditure for purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

4.2.3.1 - Annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year (INR in Lakhs)

1.18866

File Description	Documents
Any additional information	View File
Audited statements of accounts	View File
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the year (Data Template)	View File

4.2.4 - Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year)

4.2.4.1 - Number of teachers and students using library per day over last one year

55

File Description	Documents
Any additional information	View File
Details of library usage by teachers and students	View File

4.3 - IT Infrastructure

4.3.1 - Institution frequently updates its IT facilities including Wi-Fi

The college is committed to provide sufficient IT and Wi-Fi facilities for the smooth conduct of curricular, extracurricular and extension activities on campus. The college administration has been very keen and has made efforts for creation and maintenance of IT and Wi-Fi facilities during the

year to keep pace with the academic growth of the college. Features of the policy adopted by the college for IT and Wi-Fi facilities are:

- To collect reports on IT infrastructural needs from all HODs, Chairmen of support services like library, gymkhana, NSS, WDC, Placement Cell and Research Committee periodically.
- To make planning for short and long term software requirements and adhere with the same for effective execution.
- To make planning for installation and maintenance of Wi-Fi.
- To create/enhance IT and Wi-Fi facility on priority basis to support the institutional goal of imparting quality education and promote teaching learning environment through ICT class rooms.
- The college has College Development Committee, Purchase Committee, Digital College Committee, etc. that plan for maintenance and upkeep of the IT infrastructure, facilities, equipment and WIFI facility of the college.
- IQAC of the college recommends the required IT infrastructure to CDC of the college, which is approved and implemented

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/ict_wifi.pdf

4.3.2 - Number of Computers

59

File Description	Documents
Upload any additional information	View File
Student – computer ratio	View File

4.3.3 - Bandwidth of internet connection in the Institution

C.10 - 30MBPS

File Description	Documents
Upload any additional Information	View File
Details of available bandwidth of internet connection in the Institution	View File

4.4 - Maintenance of Campus Infrastructure

4.4.1 - Expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the year (INR in Lakhs)

4.4.1.1 - Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component during the year (INR in lakhs)

82.85319

File Description	Documents
Upload any additional information	View File
Audited statements of accounts.	View File
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View File

4.4.2 - There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Institute follows optimum utilization of the existing infrastructure for curricular, co-curricular and extracurricular activities

A. Laboratory:-

- Maintenance records of 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 a prior provision of disposal of waste of all types such as solid and liquid waste as well as e-waste.

B. Library:-

- The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized 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 E-books and E-journals library has subscribe INFLIBNET-NLIST 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

C. Sports:-

- College has provided Indoor and Outdoor games facilities to the students.
- College has allocated separate budgets for sports.
- College has promoted students to participated in Zonal level, University level and national level Sports.

D. Computer:-

- College has establish separate computer laboratory for Computer Science and Information Technology course students
- College has provided computer centre in library for all students.
- Computer Maintenance through Omkar Enterprises is done regularly.
- Non repairable systems are disposal off through the maintenance and repairs committee.

E. Classrooms:-

- The CDC has continuously worked for the maintenance and

upkeep of infrastructure.

- College has provided well equipped and ICT based classrooms

File Description	Documents
Upload any additional information	View File
Paste link for additional information	http://apcnagothane.edu.in/policies.html

STUDENT SUPPORT AND PROGRESSION

5.1 - Student Support

5.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

5.1.1.1 - Number of students benefited by scholarships and free ships provided by the Government during the year

30

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	View File
Upload any additional information	View File
Number of students benefited by scholarships and free ships provided by the Government during the year (Data Template)	View File

5.1.2 - Number of students benefitted by scholarships, free ships etc. provided by the institution / non- government agencies during the year

5.1.2.1 - Total number of students benefited by scholarships, free ships, etc provided by the institution / non- government agencies during the year

45

File Description	Documents
Upload any additional information	View File
Number of students benefited by scholarships and free ships institution / non- government agencies in last 5 years (Date Template)	View File

5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills	B. 3 of the above
---	--------------------------

File Description	Documents
Link to institutional website	http://www.apcnagothane.edu.in/images/Capacity%20building%20and%20skills%20enhancement%20initiatives.pdf
Any additional information	View File
Details of capability building and skills enhancement initiatives (Data Template)	View File

5.1.4 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

137

5.1.4.1 - Number of students benefitted by guidance for competitive examinations and career counseling offered by the institution during the year

137

File Description	Documents
Any additional information	View File
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	View File

<p>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</p>	<p>A. All of the above</p>
--	-----------------------------------

File Description	Documents
<p>Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee</p>	<p>View File</p>
<p>Upload any additional information</p>	<p>View File</p>
<p>Details of student grievances including sexual harassment and ragging cases</p>	<p>View File</p>

5.2 - Student Progression

5.2.1 - Number of placement of outgoing students during the year

5.2.1.1 - Number of outgoing students placed during the year

12

File Description	Documents
<p>Self-attested list of students placed</p>	<p>View File</p>
<p>Upload any additional information</p>	<p>View File</p>

5.2.2 - Number of students progressing to higher education during the year

5.2.2.1 - Number of outgoing student progression to higher education

30

--

File Description	Documents
Upload supporting data for student/alumni	View File
Any additional information	View File
Details of student progression to higher education	View File

5.2.3 - Number of students qualifying in state/national/ international level examinations during the year (eg: JAM/CLAT/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations)

5.2.3.1 - Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations) during the year

00

File Description	Documents
Upload supporting data for the same	View File
Any additional information	View File

5.3 - Student Participation and Activities

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

5.3.1.1 - Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national / international level (award for a team event should be counted as one) during the year.

03

File Description	Documents
e-copies of award letters and certificates	View File
Any additional information	View File
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	View File

5.3.2 - Institution facilitates students' representation and engagement in various administrative, co-curricular and extracurricular activities (student council/ students representation on various bodies as per established processes and norms)

The college has a Student Council as a statutory body constituted every year as per the Maharashtra University Act, 2016. Selection: Selection of the members of the Student Council is made purely on merit basis (academic merit at previous year examination) and outstanding performance given in extension activities like NSS, sports, DLLE and Cultural as per the guidelines laid down by the affiliating university.

1. Mr. Yash Suresh Avhad-Gymkhana Committee
2. Miss. Rutija Sandip Dalvi-NSS Committee
3. Miss. Nivedita Vilas Mhatre-Cultural Committee
4. Mr. Prathmesh Suresh Avhad-Students Council Committee
5. Miss. Hinali Pradeep Jain-Women Development Committee
6. Mr. Rajesh Kishor Kokare-Anti- Ragging Committee
7. Mr. Uttam Janu Bavadhane-Canteen Committee
8. Miss. Shruti Ramchandra Nijamkar-Science Association Committee
9. Mr. Pranam Atmaram Sawant-IQAC

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Students%20participation%20in%20college%20committees.pdf
Upload any additional information	View File

5.3.3 - Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions)

5.3.3.1 - Number of sports and cultural events/competitions in which students of the

Institution participated during the year

01

File Description	Documents
Report of the event	View File
Upload any additional information	View File
Number of sports and cultural events/competitions in which students of the Institution participated during the year (organized by the institution/other institutions (Data Template)	View File

5.4 - Alumni Engagement

5.4.1 - There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

College has Alumni Association committee that contributes significantly to the development of the institution through financial and/or other support services.

The working committee for Alumni Association of the college is,

Dr. V. Sarada - In - Charge

Dr. S. D. Patil - member

Mr. J. V. Patil -member

Mr. V. S. Shinde - member

Mrs. Nilam Mahale- member

Mrs. Pranjali Konde - member

The composition of Alumni Association is

1. Mrs. Adv. Sonal Jain - President
2. Mrs. Nilam Shelar - Vice President
3. Mrs. Manasi V. Shelar - Secretary

4. Miss. Swati B. Shirke - Co - Secretary
5. Miss. Sheetal S. Take - Co - Secretary
6. Miss. Manjiri R. Bhide - Co - Secretary
7. Mr. Nikhil Chanderasseril - Co - Secretary
8. Miss. Chaitrali S. Patil - Treasurer
9. Miss. Uzma I. Adhikari - Members
10. Miss. Suvidha S. Sanap - Members
11. Miss. Poonam A. Muddebihalkar - Members

- o Meeting of Alumni was organized at Roha and discussion was raised to collect Alumni funds for the development of college. In this meeting 2 alumni are felicitated by offering Shawl, Shriphal and buckey.
- o Our Alumni Mr. Aniket Tatkare, MLA has donated 100 cement sheets of amount Rs.- 30,000/- for the development of college.
- o Our Alumni Mr. Dinesh Patki GM Softbox limited donated Rs. 2.5 Lacks for development of PG laboratory in Chemistry (CSR fund)

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/alumini.htm
Upload any additional information	View File

5.4.2 - Alumni contribution during the year (INR in Lakhs) **D. 1 Lakhs - 3Lakhs**

File Description	Documents
Upload any additional information	View File

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 - Institutional Vision and Leadership

6.1.1 - The governance of the institution is reflective of and in tune with the vision and mission of the institution

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 up-liftment 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 socio-economically 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 8200 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 km. The students from different villages such Nagothane, Kolad, Roha, Bense, Shihu, Ambeghar, Khamb, Pen, Amdoshi, Kuhire, Wangani, Balsai, Wakan, Kansai, Wasgaon, Varvathane 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. Some of the prominent category students studied in the college are member of Legislative Assembly. 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 courses to cherish the dream of 'One Student One Skill' by inculcating career oriented 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.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/perspective%20plan.pdf
Upload any additional information	View File

6.1.2 - The effective leadership is visible in various institutional practices such as decentralization and participative management.

The Principal of our Institute believes in delegation of authority and decentralization. Accordingly, the governing system of the institution prefers decision making in democratic, participative and decentralized manner. The Principal, IQAC coordinator, HOD's and Senior Professors are responsible for the academic and administrative leadership of the college. The college has been always in favour of participation of faculty, administrative and non teaching staff and the representative from students, alumni, industry, local society, in general administration of college. All of them encourage contributing in terms of their ideas, suggestions and recommendations towards the development of better work culture of institution. Following are the practices:-

A) Department level decentralization: - The Principal appoints

Head of departments for effective functioning of the college. The HOD's and Teacher In-charge are involved in participative management through the roles assigned to them. HOD's look after the duties of respective faculty and departmental activities. He monitors overall development of the respective class. Therefore, the departments enjoy autonomy operations in respect of academic planning and day to day planning. The activities are planned and executed at the departmental level and for this inter departmental cooperation is always welcome and appreciated by the principal and the head of the department.

B) Statutory and Non-statutory college committees:- Statutory and Non-statutory are formed at the beginning of the academic year. All the faculties are given responsibilities as a part of participative management. The faculty of the concerned committee helps the management to conduct institutional activities. This committee consists of teachers and student volunteers as a member, this helps to groom leadership among faculty members as well as students. The College conducts various programs and activities for faculty and students at two levels:-

1) Academic Level: - The faculty members have freedom to select or purchase the required books and also to plan teaching, learning, evaluation and designing co-curricular, extra-curricular activities to support programme requirements and overall development of students.

2) Non-Academic Level :- Individual teacher being a member or the In-charge of the various committees takes active part in the various events such as university or annual sports, youth festival like Utsav, Avishkar research convention, various competitions organized by Konkan Education Society. Thus, the above structure of governance indicates high degree of participation of students, teachers and members of Governing body in maintaining culture of participative management.

C) Involvement of senior faculty in decision making process: -

The senior faculty of the college play important role in the decision making process of the college. The Principal invites suggestions of the senior faculty regarding academic and administrative policies for effective functioning of the college. Most of the senior faculty is included in College Co-ordination Committee, College Development Committee, IQAC and

other statutory and non-statutory committees.

D) Participation of stakeholders in institutional activities:-

The college promotes participation of all its stakeholders such as students, faculty, administrative staff, support staff, parents, alumni, employers, well-wishers, etc. for the effective functioning of the college. All the activities of the college are conducted with their cordial support. Student representatives are also nominated on statutory and non-statutory committees like CDC, IQAC, Students Council, NSS, NCC, Gymkhana, WDC, etc.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/committees%20of%202021-22.pdf
Upload any additional information	View File

6.2 - Strategy Development and Deployment

6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

Among the implemented activities for the fulfillment of Strategic Plan, Research and development activity described below:

The college has University recognized Ph.D. Guides in Chemistry and Botany. Also College has University recognized research guide for M.Sc. by research in Chemistry There is a separate Research Committee to look after and implement strategies formulated for research and development. Following initiatives are undertaken to improve the quality of research and development in the college.

- Teachers are encouraged to undertake minor and major research projects of various funding agencies.
- Research advisory committee monitor and control ethical aspect of research.
- Teachers and students are encouraged to attend seminars, conferences/workshops. Financial support is given to them for their participation/involvement in such ventures.

- Teachers are encouraged to pursue M.Phil./Ph.D./Post-doctoral degree in their respective subjects.
- Teachers are encouraged to acquire recognition as research guides from University and process is initiated to start Ph.D.
- Organization of state, national and international webinars in different disciplines.
- Provide the financial assistance to teachers and students to participate in Avishkar Research Convention.
- Development of Reference Section in the Central Library to facilitate research scholars of the college.
- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and departments.
- Strengthening linkages/collaborations/tie-ups with research institutes/ laboratories/industry.

File Description	Documents
Strategic Plan and deployment documents on the website	View File
Paste link for additional information	http://www.apcnagothane.edu.in/images/strategic%20plan%20and%20development.pdf
Upload any additional information	View File

6.2.2 - The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, etc.

The college is governed by the Konkan Education Society, Alibag. The General body, Managing Council, Executive Committee, Higher Education Committee, Co-ordination Committee judiciously look after the management of the Sanstha and its affiliated colleges. The Sanstha controls, monitors and plan for financial matters. The college submits the major developmental proposals/schemes to the Sanstha for its

approval. The College development committee (CDC) is constituted according to the Maharashtra Universities Act of 2016. The CDC is the apex body at college level. It is committee of 15 members nominated from industry, social workers, alumnae, local society, education, principal, head of the departments, teaching, non-teaching staffs, and student representatives. Principal is academic and administrative head of the college. IQAC coordinator assist the Principal for smooth functioning of the administrative system and smooth conduction of academic programmes. The head of departments looks after administration of respective department through planning and various activities. The same mechanism is adopted for all the support services of the college. The Administrative Office mainly looks into matters related to accounts, admissions, scholarships, eligibility and examinations. Statutory and Non-statutory Committees help the college in monitoring and facilitating several administrative functions and organization of college activities. The IQAC is constituted as per the directives by NAAC. It has vital link with all the constituents of the college and takes special care in ensuring the enhancement and sustenance of quality and excellence of the college.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/The%20functioning%20of%20the%20institutional%20bodies.pdf
Link to Organogram of the Institution webpage	http://www.apcnagothane.edu.in/images/institutional%20Organogram.pdf
Upload any additional information	View File

6.2.3 - Implementation of e-governance in areas of operation Administration Finance and Accounts Student Admission and Support Examination

A. All of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	View File
Screen shots of user interfaces	View File
Any additional information	View File
Details of implementation of e-governance in areas of operation, Administration etc (Data Template)	View File

6.3 - Faculty Empowerment Strategies

6.3.1 - The institution has effective welfare measures for teaching and non- teaching staff

Teaching Staff: - 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
- Organization of Medical checkup camp

Non-teaching Staff:-

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 Konkan Education Society Patpedhi
- Felicitation of nonteaching staff at the time of annual Prize distribution function

Felicitation of staff member on superannuation

- Organization of Medical checkup camp

Distribution of N-95 Masks to non-teaching staff

Checkup of oxygen level and pulse rate measurements of staff through Medical checkup camp on 7th Oct 2020

- Distribution of Latex Hand gloves to non-teaching staff on 15th Oct 2020.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/welfare%20measures%20for%20teaching%20and%20non-%20teaching%20staff%202021-22.pdf
Upload any additional information	View File

6.3.2 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

6.3.2.1 - Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the year

00

File Description	Documents
Upload any additional information	View File
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	View File

6.3.3 - Number of professional development /administrative training programs organized by the institution for teaching and non-teaching staff during the year

6.3.3.1 - Total number of professional development /administrative training Programmes organized by the institution for teaching and non teaching staff during the year

02

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	View File
Reports of Academic Staff College or similar centers	View File
Upload any additional information	View File
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	View File

6.3.4 - Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

6.3.4.1 - Total number of teachers attending professional development Programmes viz., Orientation / Induction Programme, Refresher Course, Short Term Course during the year

13

File Description	Documents
IQAC report summary	View File
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	View File
Upload any additional information	View File
Details of teachers attending professional development programmes during the year (Data Template)	View File

6.3.5 - Institutions Performance Appraisal System for teaching and non- teaching staff

The institution has an effective Performance Appraisal System for Teaching and Non-teaching staff.

Key Performance Indicator (KPI) for the Principal:

There is a provision of Key Performance Indicator for assessment of the administrative performance of the Principal as per the guidelines of the Govt. of Maharashtra. The Principal submits his KPI to the Secretary at the end of each academic year

Academic Performance Indicator (API) Performance-based Appraisal System (PBAS) for Faculty:

The performance of each faculty is evaluated with the help of a Performance based Appraisal System as per the guidelines of UGC and an affiliating university. Each faculty submits duly filled out API and PBAS forms to IQAC at the end of the academic year. The PBAS form is designed to assess the performance of teachers in 03 categories like Teaching, Learning and Evaluation, Curricular, Extension and Professional Development, and Research Contribution made by the faculty during the year. IQAC evaluates the submitted API and PBAS on the evidentiary proofs produced by the faculty. The concerned faculty applies for promotion under Career Advancement Scheme after fulfillment of eligibility as per the system.

Confidential Reports for Non-Teaching Staff:-

There is a separate provision of Confidential Reports to evaluate the performance of non-teaching staff as per the norms of govt. of Maharashtra. Each non-teaching staff submits his/her annual report based on the duties assigned and the contribution made for the same. The Principal evaluates the performance and communicated the same to the parent institution each year with his observations and recommendations to the staff for improvement in the performance if required.

Students Feedback on Teacher:

Feedback collected from students on respective teachers is used to assess the performance of the corresponding teacher. The feedback committee collects students' feedback on each faculty every year. Feedback collected is analyzed by the Principal and the feedback committee.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Institutions%20Performance%20Appraisal%20System.pdf
Upload any additional information	View File

6.4 - Financial Management and Resource Mobilization

6.4.1 - Institution conducts internal and external financial audits regularly Enumerate the various internal and external financial audits carried out during the year with the mechanism for settling audit objections within a maximum of 200 words

Institution conducts internal and external financial audits on regularly basis as per the guidelines of Govt. of Maharashtra and Parent Institution.

Following are the mechanisms for internal and external audit:

Internal Audit:-

The college has appointed a Chartered Accountant Mr. Bhalchandra Lonkar as a internal auditor. He is responsible for concurrent audit of the college. He submits details of expenditure on twice a yearbasis to the CDC of institution and concerned authority.

Besides this, the Sanstha has a separate Audit Department comprising Chartered Accountant/s which conducts the audit of the college twice in a financial year. Both the kinds of internal audits are conducted by following all the rules laid down by the govt. and the Sanstha.

External Audit :-

External Audit of the college is carried out by the government agencies like Accounts General (AG) and submit the report to the Govt.

Internal and external financial audits carried out during the year 2020-21

- **Internal audit:** The Konkan Education Society has a separate audit department which conducts local audits per semester
- **External audit:** Institute carry out annual audit through external auditor Mr. Janardan J. Ranedive appointed by the Sanstha. These audits are conducted as per the Govt. rules. Institute conducted external audit on 25/03/2021.
- **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.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Financial%20audits%20of%20Institution.pdf
Upload any additional information	View File

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

6.4.2.1 - Total Grants received from non-government bodies, individuals, Philanthropers during the year (INR in Lakhs)

2.97

File Description	Documents
Annual statements of accounts	View File
Any additional information	View File
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	View File

6.4.3 - Institutional strategies for mobilization of funds and the optimal utilization of resources

Institutional Strategy for mobilization of funds:

The college mobilizes required funds for academic activities and infrastructural needs through following resources:

- College Development Fund collected from students as per the fee structure of affiliating university.
- Grants received from funding agencies like UGC, DST
- Donations received from stakeholders
- Monetary support / hand in help under CSR of nearby industry
- Utilization of corpus fund, if required.

Policies for mobilization of required funds:

The college adopts following policies for mobilization of funds

- Admission to students as per sanctioned seats
- Submission of proposals to funding agencies to avail grants
- Request for donations from Alumni, donors and well-wishers
- Submission of proposals to nearby industry to avail monetary support or hand in help under CSR.

Procedures for Resource Mobilization:

The college makes optimal utilization of available funds through the following:

- Budgetary provision for each academic department
- Budgetary provision for Central Library
- Budgetary provision for support services such as Gymkhana, NSS
- Provision of Seed Money for Inspirational Awards for the students.
- Submission of demand related to academic and physical facilities by Head of Department to the Principal.
- Approval of College Development Committee required for procurement of academic and physical facility.
- Approval of parent institution for the projects approved by CDC.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Institutional%20strategies%20for%20mobilization%20of%20funds.pdf
Upload any additional information	View File

6.5 - Internal Quality Assurance System

6.5.1 - Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

- Prepared Plan of Action for year 2020-21.
- Organized 04 meeting of IQAC on 10/08/2020, 26/10/2020, 04/01/2021 and 10/05/2021 respectively.
- Fulfillment of NAAC Recommendations.
- Submitted AQAR for year 2019-20 to NAAC on 22th April 2021.
- Chalked out Perspective Plan for Academic Departments and Support Services for year 2021-22.
- Monitored Online Teaching-Learning and Evaluation process

throughout the year.

- Conducted Students Satisfaction Survey in February 2021.
- Analyzed feedback collected from stakeholders and put the same before CDC for further action.
- Preserved documents of the activities carried out during the year.
- Organized Training Programmes for Faculty and Staff.
- Organized 05 National webinars & 02 Institutional Level Webinars.
- Sanctioned 04 Institutional Minor Research Projects Under University of Mumbai.
- Organized Individual Presentations of Faculty.
- Organized Departmental Presentations and Document Verification.
- 10% additional strength (2 students) is permitted to admit for PG course from August 2020. It also resolved to submit the proposal for 20% additional batch of PG course M.Sc. Organic Chemistry and submit to University of Mumbai for the academic year 2020-21
- Chalked out Action Taken Report (ATR) on the Plan of Action for year 2020-21.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Quality%20processes%20of%20IQAC.pdf
Upload any additional information	View File

6.5.2 - The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities

IQAC (Internal Quality Assurance Cell) of the college plays pivotal role in setting up benchmarks for institutional quality improvement and its sustenance. Teaching learning process, structures and methodologies of operations adopted by the college are reviewed by IQAC periodically. The IQAC conducts periodic meetings to plan quality oriented activities and review their outcomes

•Teaching Learning Teaching Learning process is reviewed by IQAC through Syllabus Planning, Lectures Notes and Syllabus

Completion Reports submitted by each faculty member.

•Reports submitted by Online / offline lectures Monitoring Committee, Feedback by students and Students Satisfaction Survey are used to evaluate T-L process.

•The IQAC also collects reports on CIE and Attainment of Programme / Course Outcomes from respective Head of Departments for analysis of the process.

•Analysis of academic results of UG and PG classes is done immediately after declaration of results and corrective measures are suggested to concern department of faculty for improvement.

•The IQAC conducts Individual Presentation of each faculty and Departmental Presentations to evaluate the academic performance and activities carried out by the academic departments.

•Reports on curricular, co-curricular and extension activities conducted by academic departments and support services are collected, analyzed and used for improvement.

File Description	Documents
Paste link for additional information	http://www.apcnagothane.edu.in/images/Institution%20review%20throught%20IQAC.pdf
Upload any additional information	View File

6.5.3 - Quality assurance initiatives of the institution include: Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analyzed and used for improvements Collaborative quality initiatives with other institution(s) Participation in NIRF any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

A. All of the above

File Description	Documents
Paste web link of Annual reports of Institution	http://www.apcnagothane.edu.in/images/Annual%20report2020-21.pdf
Upload e-copies of the accreditations and certifications	View File
Upload any additional information	View File
Upload details of Quality assurance initiatives of the institution (Data Template)	View File

INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 - Institutional Values and Social Responsibilities

7.1.1 - Measures initiated by the Institution for the promotion of gender equity during the year

Women Development Cell: - The College is careful about maintaining and promoting gender equity. The college takes care of the safety and security of girl students. For this Purpose College has formulated a separate Women Development Cell for the effective planning and execution of the practice.

According to the Vice-chancellors directions issued under sec 14(8) of Maharashtra University Act 1994, according to circular No- WDC/VCD/240 of 2008, women development cell is actively working in the college which organizes various programs and activities in the college that promotes the gender equity with the following objectives:

- o To make Girl students aware of different job opportunities.
- o To provide Soft Skills, Professional Skills, and Life Skills among Girl students.
- o To encourage Girl students for self-employment by acquiring required skills through Skill Based Short-Term Courses.

Following special facilities are available for girl students in college,

Formation of anti-Sexual Harassment Committee- According to

Maharashtra Govt.'s Lady Section/sexual harassment committee/2011-255 dated 7/6/2011 'Mahila Laingik Atyachar Samiti' is formed in the college. It also works as an anti-harassment cell. The aim of this cell is to promote a culture of respect and equality for the female gender and also to monitor the treatment of women in the college.

Formation of Grievance cell & suggestion box named 'Sakhi': Suggestion box 'Sakhi' is kept in the main entrance of college premises for receiving the complaints from girls. Girl students can drop their complaints in BOX.

Separate Girls' Common room: The College has a common room for girls provided with an adequate number of toilets, washrooms, washbasin, dressing table, chairs, fans, Sanitary Napkin Vending Machine. The girl students may rest, relax and refresh there. The purpose of a common room facility for girls is to create a stress-free environment.

Counseling: The ladies staff members of our college are promptly counseling girl students about any difficulty they are facing within as well as out of campus.

Gender-sensitive features:-Gender-sensitive features are carefully implemented in the college by forming various committees like Anti-ragging and Internal Complaint Committee and Women Development Cell. Also, adequate facilities are provided to the girls. Gender equality is kept upright in the college.

Gender Perspective in Curricula:-For the past three decades, Mumbai University has introduced in its curricula a course named "Foundation Course" which helps to create social awareness, civic sense, and social responsibilities in students. The Foundation Course is introduced as a compulsory course to all students of a bachelor's degree at both first and second-year levels.

Anti-Ragging and Discipline Committee:-The College has constituted the anti -ragging and Discipline Committee as part

of the UGC mandatory committee. The College prospectus clearly states the anti-ragging policy of the college. Ragging is a criminal offense and UGC has notified Regulations on curbing the menace of ragging in higher educational institutions to prohibit, prevent and eliminate the scourge of ragging. The students in distress owing to ragging-related incidents can access the committee. The committee has one female and one male member and the Principal of the college is its chairperson.

Activities conducted by women development cell 2020-21

Webinar on 'Health Advice with reference to the Post Covid - 19 situation'

Celebration of Birth Anniversary of Smt. Savitribai Phule

Online Webinar on-Hindu Marriage Act - The Current Scenario

Self-employment skill development - Bag making

Celebration of International women's day

File Description	Documents
Annual gender sensitization action plan	http://www.apcnagothane.edu.in/images/Annual%20gender%20Sensitisation.pdf
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	http://www.apcnagothane.edu.in/images/Specific%20facilities%20provided%20for%20women.pdf

7.1.2 - The Institution has facilities for alternate sources of energy and energy conservation measures Solar energy Biogas plant Wheeling to the Grid Sensor-based energy conservation Use of LED bulbs/ power efficient

B. Any 3 of the above

equipment	
File Description	Documents
Geo tagged Photographs	View File
Any other relevant information	View File
<p>7.1.3 - Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 200 words) Solid waste management Liquid waste management Biomedical waste management E-waste management Waste recycling system Hazardous chemicals and radioactive waste management</p> <p>Solid waste management: - For the collection of waste from college premises, Dust Bins are used. Dry waste is collected at regular intervals with the help of non-teaching staff and disposed of at the end of the day. Paper waste is shredded and sold to licensed purchasers of K.E.S. Alibag. There is a provision of 5 soak pits of size 10 x 5 x 3 (5 Pits) which generate adequate fertilizer for the campus.</p> <p>Hazardous Waste Management: - Mild reagents, Chemicals, solvents are mostly used wherever possible for regular Chemistry practical's. There are adequate exhaust provisions to drive out acid and other fumes while working in Chemistry laboratories. Chemical fire extinguishers are charged periodically by an outside licensed agency.</p> <p>E-Waste Management:-The outdated computers are sent for recycling through private agencies by following the proper right-off procedure. The life of electronic equipment is extended by appropriate upkeep and minor repairs carried out by laboratory experts Mr. Onkar Patil, OM infotech, Kusumbale, Alibag and reused in the campus itself.</p> <p>Liquid waste management:-The effect of liquid wastes generated from the laboratories is diluted/ neutralized and then discharged in a soak pit.</p> <p>Biomedical Waste Management:-Biomedical wastes are not generated on campus</p>	

File Description	Documents
Relevant documents like agreements/MoUs with Government and other approved agencies	View File
Geo tagged photographs of the facilities	http://www.apcnagothane.edu.in/images/7.1.3%20Geo%20tagged%20photograps.pdf
Any other relevant information	View File

7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus	A. Any 4 or all of the above
--	-------------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Any other relevant information	View File

7.1.5 - Green campus initiatives include	
7.1.5.1 - The institutional initiatives for greening the campus are as follows: <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic 5. landscaping with trees and plants 	B. Any 3 of the above

File Description	Documents
Geo tagged photos / videos of the facilities	View File
Any other relevant documents	View File

7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution

<p>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</p>	<p>D. Any 1 of the above</p>
---	-------------------------------------

File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	View File
Certification by the auditing agency	View File
Certificates of the awards received	View File
Any other relevant information	View File

<p>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</p>	<p>C. Any 2 of the above</p>
--	-------------------------------------

File Description	Documents
Geo tagged photographs / videos of the facilities	View File
Policy documents and information brochures on the support to be provided	View File
Details of the Software procured for providing the assistance	View File
Any other relevant information	View File

7.1.8 - Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 200 words).

The college organizes and conducted several activities to build and promote an environment for ethical, cultural, and spiritual values among the students and staff. To develop emotional and religious feelings among the students and the faculty, commemorative days are celebrated on the campus to generate the feeling of oneness and social harmony. The college and teaching staff jointly celebrate the cultural and regional festivals, like New-year's day, Fresher Party, teacher's day, orientation and farewell program, induction program, rally, oath, plantation, Youth day, Vachan Prerna Din, Women's day, Yoga day etc. Motivational lectures of eminent persons of the field are arranged for the all-around development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

Besides academic and cultural activities, we have built up many strong cultures for a variety of sports activities and for the physical development of the Boys as well as girl students.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View File
Any other relevant information	View File

7.1.9 - Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens

K. E. S. Anandibai Pradhan Science College, Nagothane sensitizes the students and its employees to the constitutional obligations of a responsible citizen by celebrating Independence Day, Republic Day, Maharashtra Day, Swachha Bharat Abhiyan, Constitution day, National Integrity, Voters awareness campaign, Road safety activities etc events are organized in the college. Students actively participate in all these events

Sensitization of Values:-

The celebration of Independence Day and Republic Day which inculcate the value of patriotism, freedom, selflessness towards the nation through singing the national anthem and patriotic songs by students and staff members after Dhawajavandan.

Brotherhood Value -

Distribution of masks, cloths and food materials to needy during COVID-19.

Sensitization of Rights-

Students are sensitized with the Indian Constitution with respect to our fundamental Rights and Duties on Indian Constitution Day (Samvidhan Divas) organized on 26th November. The understanding of Educational rights through a speech given on the occasion of Teacher's Day. The familiarity towards the Right to Equality was sensitized through a speech by women staff on Women's Day.

Sensitization of Duties -

The national anthem sung on Independence day and Republic day helps sensitize the respect towards national flag and national anthem, and adds a sense to protect the unity and national integrity.

Sensitization of Responsibilities of Citizen:-

The understanding of Moral responsibility, and Human value was sensitized through Blood Donation Camp which was organized by our college in association with District Blood Bank Alibag for storage and future usage by needy individuals free of cost. The service-learning was sensitized through distribution of food-materials and masks to the needy during COVID-19 pandemic.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	View File
Any other relevant information	View File

7.1.10 - The Institution has a prescribed

B. Any 3 of the above

code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard. The Code of Conduct is displayed on the website There is a committee to monitor adherence to the Code of Conduct Institution organizes professional ethics programmes for students, teachers, administrators and other staff
4. Annual awareness programmes on Code of Conduct are organized

File Description	Documents
Code of ethics policy document	View File
Details of the monitoring committee composition and minutes of the committee meeting, number of programmes organized, reports on the various programs etc., in support of the claims	View File
Any other relevant information	View File

7.1.11 - Institution celebrates / organizes national and international commemorative days, events and festivals

Konkan Education Society's Anandibai Pradhan Science College, Nagothane has always taken the responsibility of holistic development of the students. The College is organizing the birth and death anniversaries of national heroes and the founder of our Santha. Commemorative Days of Adv. Datta Patil, Bapusaheb Deshpande Dnyanjyoti Savitribai Phule, Chhatrapati Shivaji Maharaj, Mahatma Phule, Dr. Sarvapalli Radhakrishnan, Dr, Babasaheb Ambedkar are organized with full of energy and inspirations. All these days receive the rich history of our nation. When an event is celebrated the students remember and get inspired by the life stories of the great national heroes. In addition to this, our institute celebrates Environment Day, International Yoga Day, and International Women's Day, Independence Day, Republic day, Maharashtra Din, Sansta foundation day in every academic year. Wallpaper is a platform for the students to liberate their hidden qualities. It gives exposure to the student's feelings through articles, poems, short stories, and various collections of information on

different subjects and current events, quotes and jokes. Keeping this point of view Wallpapers are displayed on different occasions in college.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	View File
Geo tagged photographs of some of the events	View File
Any other relevant information	View File

7.2 - Best Practices

7.2.1 - Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

BEST PRACTICE 1

Title:- 'Women empowerment and gender sensitivity in community'

Title:- Women empowerment and gender sensitivity in

'Aim: - Maintaining and strengthening the status of Women.

Objectives:-

- o Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender. To promote gender equality conscience among girl students, women employees & among society.
- o To provide for dialogue, discussion, and deliberation on woman's rights and gender related issues by organising events and activities for women empowerment.
- o To encourage participation from NGO's and law enforcement agencies in this area.
- o To review safety and security measures for female employees and girl students in the college campus.
- o To encourage female students to be self-reliant and economically independent by acquiring required skills through Skill Based Short-Term Courses run by the

college.

- To produce equal career opportunities to all the genders.
- To increase the strength of girl students in the institute.
- To increase physical strength through Karate & Self-defence technique
- To promote research culture in improving woman status.
- To provide and maintain a dignified congenial working environment for women employees and students where they can work, study and explore their potential to the fullest.
- To make all the girl students aware of health, hygiene and care to be taken.

Women's Development Cell is a vibrant and incessantly active initiative of the institution toward maintaining and strengthening the status of women. It has been organizing varied academic, technical, medical, cultural and social events for the upliftment of women and spread the real importance of gender equality in the society. Women development cell is statutory body for the prevention/action against sexual Harassment of women. It looks into the grievances /complaints of Teaching, Non-teaching staff and students especially in cases of gender discrimination.

As per the guidelines of university, WDC should work effectively in the institute towards equal educational opportunities to all. It has to organize workshops, seminars and talks to convey the message of gender equality. It also works for increasing the social awareness among students through survey based research projects/Posters/Slogans /Essay/Rangoli competition.

The Context:-

Women Empowerment and Gender Equality are the most important requirements for the enlistment and progress of our society. Equal educational opportunities to all and gender sensitization being one of the cross cutting issues of higher education. But age-old patriarchal system, growing cases of sexual harassment over the years, women's safety, their socio-economic backwardness, and negligence of basic human rights to women 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. Unfavorable conditions rampant in the society prevent the girl student's 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 self-awareness and realization by providing them all possible space and opportunities. Gender equality, women's safety and their empowerment has been one of the areas of concern nowadays. Timely orientation on the same is the key to prevent mishaps caused by the anti-social groups/forces. The college believes that there is no tool of National development other than the women empowerment. When women have adequate education, rights, space and opportunities, it will prosper to their families, communities and ultimately the Nation.

The Practices:

The college has formulated a separate Women Development Cell along with the statutory committees such as Anti-ragging Committee and Anti-Sexual Harassment Committee for the effective planning and execution of the practice. The cell strives 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 Lectures/Seminars
- ? College offers Skill based short term courses for girl students.

? Involvement in co-curricular and extra-curricular activities.

? Participation of girl students in Research Projects, Sports, NSS, DLLE, Cultural activities etc.

? Awareness about the special provisions made by law.

? To Provide redressed mechanism for the grievance or compliance for the girls.

Implementation:-

The college have girls common room which is well ventilated and has washrooms, dressing mirrors, sanitary pad, vending machines with inclinor, 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 2020. The various programmes arranged by WDC and Institute during the year 2020-21 are given below:-

Details are-

1) Webinar on 'Health Advice with reference to the Post Covid - 19 situation': 12th February 2021

K.E.S. Anandibai Pradhan Science College Nagothane, IQAC & Women Development Cell organized webinar on 'Health Advice with reference to the Post Covid - 19 situation' On 12th February, 2021 at 10.00 AM on online platform; Microsoft Teams for S. Y. B. Sc. students and staff. Invited Speaker was Dr. Bhrati, Medical Officer, Reliance Industries Ltd, Nagothane. She delivered a speech on Covid- 19 and advised to take proper precautions in Post Covid - 19 situation. e - Certificates were provided to all participants after filling feedback forms. Feedback link will be shared in chat box during webinar. Link for joining was provided separately on this what's app group. 60 girls were participated in the programme. The program found fruitful and beneficial to college students.

2) Online Webinar on- Hindu Marriage Act - The Current Scenario: 9th March 2021

K.E.S. Anandibai Pradhan Science College Nagothane, Women Development Cell organized webinar on 'Hindu Marriage Act - The Current Scenario' on 9th March, 2021 at 4.00 p.m. on online platform; Microsoft Teams for S. Y.B. Sc. students and staff. Invited Speaker was Adv, (Mrs.) Sonal J. Jain, Nagothane. She delivered a lecture on the knowledge of laws of Hindu marriage act and its current scenario e - Certificates were provided to all participants after filling feedback forms Feedback link will be shared in Chat box during webinar Link for joining was be provided separately on this what's app group . It was great awareness program for girl students.

3) Self-employment skill development, Bag making workshop: 1 April 2021

K.E.S. Anandibai Pradhan Science College Nagothane, Women Development Cell organized webinar on 'Self-employment skill development - Bag making workshop for S. Y. B. Sc. students and staff on 1st April, 2021 at 4.00 p.m. - 5.00 p.m. on Online platform; Microsoft Teams. Resource Person was Mrs. Manali Sahastrabudhdhe, Calssic Bag makers, Nagothane. She demonstrated making of bags with cloth, jute etc. students were provided with e - Certificates. 100 girl students benefitted from this program.

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:

- o The admission of girl students increased in the institute. The Total student count of the college is 525 in the year 2020-21. Out of these, male count is 229 and Female count is 296. There are 25 girls students doing their Post-Graduation in the subject chemistry.
- o Avishkar Research Project entitled "Online learning vs. Face to Face Learning: Opinion base study during Covid Crisis" presented by student Miss Sawant Pratiksha Shivaji, T. Y. B.Sc. and guided by teacher Dr. Smita T. Morbale has been selected for the final round and received certificate of merit. The competition was held by Department of student welfare, University of Mumbai by virtual mode.
- o Miss Krushnali Dattaram Gharat student from T. Y. B. Sc.

Received award of Best NSS volunteer by University of Mumbai.

- 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.
- Women-friendly campus and supportive learning environment is established.
- The facility of Sanitary Napkins Vending Machine is being used and appreciated by girls.
- The purpose is to promote safe and hygienic- sanitary practices among women and girls.
- Faith has been created among parents about safe and secured atmosphere of college campus.
- Student council has large representation by girl students.
- Ragging, Eve teasing/harassment is reduced completely in the premises.
- Offenders are punished from time to time.

Now-days, it has been found that girl students are in the merit of academics and co-curricular activities.

Problems Encountered and Resources Required:-

Due to pandemic all programs were conducted on virtual platform. It arrived difficulty for arranging activity like self-defense program as well as for some professional trainings like tailoring, flower making, Scent/perfume making etc.

Contact Details

Name of the Principal : Dr. Sandesh S. Gurav

Name of the Institution : Konkan Education Society's

Anandibai Pradhan Science College, Nagothane,

Dist. - Raigad (Maharashtra)

City : Nagothane

Pin Code : 410206

Accredited Status : 'B+' Grade with CGPA Score 2.68

Work Phone : (02194) 222582

Fax : (02194) 223699

Website : www.apcnagothane.edu.in

E-mail : principalapsc@yahoo.co.in

Mobile : 8149375082

BEST PRACTICE 2

Title :-Promotion of Research Culture

Aim:-To motivate students and faculties to enhance research
activates for the benefit

of community.

Objectives:-

- To enhance research among students and teacher of the institution.
- Encouragement for quality publications
- To facilitate community oriented project through outreach programmes.
- To encourage UG/PG students to organize / participate in seminars and conferences to unfold new areas of research
- To encourage the teachers to upgrade their qualification in form of M. Phil. /Ph.D./Post-Doctoral degree in respective subjects.
- To encourage the teachers to acquire recognition as research guides from University and to start Ph.D. programme in respective subjects.
- To upgrade the library facilities toward research and

development.

- To motivate students to undertake value added projects.

The Practice:-

The following practices are taken up by the institute for promotion of research among student, teachers and community:-

- 1) IQAC and Science association committee publishes science bulletin "Prerana" and organizes project exhibition, research poster competition, rangoli exhibition etc.
- 2) College organizes research poster presentation of PG students in the premises which is open for UG students, Junior college students.
- 3) Rangoli exhibition on Green chemistry, Global warming and AIDS awareness has been organized as a social issue.
- 4) In the beginning of the academic year orientation programme for the students is organized to motivate them for research competition and projects.
- 5) Research committee conducts orientation programme for the teachers to encourage them for undertaking MRP's under University of Mumbai, DST, UGC etc.,
- 6) Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor.
- 7) Teachers and students are encouraged to attend conferences, seminars, workshops, etc.

Implementation:-

Institute has active research committee and it believes that research plays an important role in the growth of an institution. Under the guidance of research committee department of science streams such as Chemistry, Physics, Botany, Zoology has submitted research proposals to the funding agencies such as UGC, DST and University of Mumbai. Proposal has been submitted Maharashtra Pollution control board for continuation of research collaboration for monitoring two NAMP points at MIDC Dhatav. Teachers and students are encouraged to

participate in Avishkar Research Convention of University of Mumbai and National / International conferences. Teachers and students are encouraged to attend seminars, conferences/workshops. Financial support is given to them for their participation/involvement in such ventures. Teachers are encouraged to pursue M. Phil./Ph.D./Post-doctoral degree in their respective subjects under the motivation of IQAC and research committee. They are also encouraged to acquire recognition as research guides from University and process is initiated to start Ph.D. programme in respective subjects.

For collaborative research Placement and interaction with industries, Institution form number of MOU's with pharmaceutical and chemical industries.

To facilitate research and research scholar's reference section in the Central Library is developed by

- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and department

Evidence of Success:-

It is matter of pride that the efforts of IQAC and research committee gave fruitful results and brought success stories for institution such as:-

1. As a result of this faculty of institution has got recognition as a teacher to guide Ph.D., M.Sc. by research, M. Sc. by papers under University of Mumbai.
2. From last three years Dr. D.V. Bhagat has been nominated as a District coordinator for Avishkar research convention conducted by University of Mumbai.
3. IQAC and Science association committee organizes research poster presentation of PG students in the premises which is open for UG students, Junior college students.
4. One day orientation program was organized for UG and PG students on 20/03/2021 to motivate student for participation at Avishkar Convention. Total 40 students involved in this program.
5. Total number of students 11 participated at 15th Inter collegiate/ Institute/ Department Avishkar Research Convention 2020-21 from which Sawant Pratiksha Shivaji,

- Gupta Nitish Paramanand, Sawant Pranam Atmaram and Watve Anuja Sunil received certificate of merit and participated at final round. They presented their research project entitled "Online learning Vs Face to face learning: Opinion based study during Covid Crisis".
6. M.Sc. I year student Miss Ruchika Nikam participated at National Conference Recent trends in interdisciplinary research in basic sciences 2021 held by Pillai HOC arts science commerce college Rasayani, affiliated to university of Mumbai.
 7. Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor and to attend conferences, seminars, workshops, etc., Faculties have published 19 research papers in National/International Journals. Out of that 3 papers published in web of science and Scopus indexed journals and remaining papers are published in UGC care listed and peer reviewed journals. With this inspiration of faculties, they visited and presented papers in National/International conferences.
 8. Department of science streams such as Chemistry, Physics, Botany, Zoology has submitted research proposals to the funding agencies such as UGC, DST and University of Mumbai. Out of that 4 research projects are sanctioned for Department of Chemistry at the outlay of Rs. 1, 60, 000/- by University of Mumbai.

Problems encountered and resources required:-

Due to pandemic the students as well as staff were unable to perform experimental part of their projects/Research in laboratory.

Contact Details

Name of the Principal : Dr. Sandesh S. Gurav

Name of the Institution : Konkan Education Society's

Anandibai Pradhan Science College, Nagothane,

Dist. - Raigad (Maharashtra)

City : Nagothane

Pin Code : 410206

Accredited Status : 'B+' Grade with CGPA Score 2.68

Work Phone : (02194) 222582

Fax :(02194) 223699

Website : www.apcnagothane.edu.in

E-mail : principalapsc@yahoo.co.in

Mobile : 8149375082

File Description	Documents
Best practices in the Institutional web site	View File
Any other relevant information	View File

7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 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 the University of Mumbai, established in 1992 and founded by the visionary Late Adv. Datta Patil. It relishes the dream of socio-economic 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 downtrodden Community for development of Society through Quality Education". In the purview of the splendid aphorism to educate students of farmers, workers, fishermen and saltpan workers of Raigad District, especially rural area. It has successfully been marching ahead and taking efforts endlessly for the

betterment of the socioeconomically backward section of the society. Around 8200 students enrolled in the college belong to economically and socially backward section of the society. The passing percentage of the backward students is 96.28%

File Description	Documents
Appropriate web in the Institutional website	View File
Any other relevant information	View File

7.3.2 - Plan of action for the next academic year

1. To conduct Student Satisfaction Survey (SSS)
2. To collect feedback from stakeholders for effective on curriculum.
3. To strengthen Online Teaching-Learning Mechanism.
4. To develop online resources for the benefit of students.
5. To conduct Online Examinations of UG and PG programmes.
6. To organize International and National Level Webinars / Seminars.
7. To encourage faculty members to file patents, publish research papers in reputed international journals and undertake minor research projects approved by different funding agencies.
8. To conduct activities under MOU's.
9. To conduct extension and outreach activities.
10. To subscribe new journals and magazines for college library.
11. To upgrade ICT facility on college campus.
12. To develop Wi-Fi facility on college campus.
13. To renovate Reading Rooms of Central Library.
14. To maintain roofs of Gymkhana, Library and Science Building.
15. To renovate infrastructural facilities.
16. To provide Merit Scholarships / Freeships and Financial Assistance to needy students.
17. To organize placement drives for last year UG and PG students.
18. To promote faculty members for Promotion under Career Advancement Scheme.
19. To conduct Meetings of IQAC (twice in a term)
20. To Submit AQAR for year 2020-21.
21. To Participate in NIRF 2022.

22. To Organize Academic and Administrative Audit
23. To organize Criterion wise presentations
24. To organize Training Programmes for faculty and Staff
25. To conduct Green Audit and Energy Audit.
26. To upgrade Solar Power Grid.



**Konkan Education Society's
Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)**

AQAR Report

2019-20



Yearly Status Report - 2019-2020

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.		0219422258281
Mobile no.		8149375082
Registered Email		principalapsc@yahoo.co.in
Alternate Email		sandeshgurav@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/AQAR201819.pdf
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/cal201920.pdf

5. Accrediation Details					
Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	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
Feedback	20-Mar-2020 30	300
Timely submission of AQAR	24-Dec-2019 30	15
Timely submission of AQAR	28-Dec-2018 30	15
Timely submission of AQAR	27-Mar-2017 30	15
Timely submission of AQAR	17-Oct-2016 30	15
Timely submission of AQAR	10-Apr-2015 30	15
Fourth Meeting of IQAC	16-Mar-2020 1	19
Third Meeting of IQAC	10-Jan-2020 1	19
Second Meeting of IQAC	04-Oct-2019 1	19
First Meeting of IQAC	10-Jul-2019 1	19
View File		

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	MRP	Mumbai University	2020 365	160000
Institute	2(f), 12(B)	UGC	2020 1460	32414
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	4
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes

Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)
1) Research Activity 2) Academic Activities 3) Infrastructure 4) Sports and Games 5) Placements

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
10) To conduct certificate courses in Water Analysis and Soil Analysis.	Certificate Courses in "water and soil analysis" were conducted with the help of T. Y. B. Sc. Chemistry batch of 30 students for the benefit of neighbouring villages such as Wangani, Warvathane, Wasgaon and Nagothane.
9) To Organise National and International Level Conferences	Department of Chemistry organised one day National Level web conference on "Green Catalysis and Material Chemistry" on 28th May 2020.
8) To collect feedback from stakeholders for effective functioning of the Institute	Feedback Committee took feedback online on teachers, course and infrastructure. Feedback analysis is taken and implemented for the further improvement of functioning of Institute.
7) To develop separate website for college library	College has developed a separate web site for Library having URL:- https://sites.google.com/view/apscnlib/home
6) To submit proposal for the CSR funds from the MIDC Dhatav Industry	CSR fund proposals are submitted to the industries in MIDC Dhatav, Roha for the development of College such as ? Sudarshan Chemical Ltd. ? Clariant Chemicals Ltd. ? Roha Dye Chem Ltd. ? Rathi Dye Chem Ltd. ? Vidhi Dye Chem Ltd.
5) Organization of programme for Alumni. and collection of Alumni Funds.	Meeting of Alumni was organised at Roha and discussion was raised for the following points :- ? Felicitation of Alumni for receiving promotion in job ? To collect Alumni funds for the development of college. In this meeting 5 alumni are felicitated by offering Shawl, Shriphal and buckey. ? Rs.-

	30600/- collected from the Alumni in a meeting. 2) Our Alumni Mr. Divesh Bavkar, IT executive Jindal SAW, Ltd. was invited as a resource person in the seminar on "decision making system" to guide 53 students.
4) To fulfil recommendation of NAAC Peer team	Made compliance of the following recommendation suggested by NAAC Peer team. ? ICT including wi-fi facility to be argued ? Digital Library to be established ? Development of Infrastructure is in progress
3) Submission of AQAR for academic year 2018-19	Online AQAR (Annual Quality Assurance Report) as per the revised format was submitted to NAAC office in 29th Dec 2020.
2) Perspective plan for academic year 2019-2020	IQAC formulated perspective plan for compressing 25 - 30 academic and developmental activities to be carried out during the academic year 2019-20.
1) To conduct meetings of IQAC periodically	Periodically 4 meetings of IQAC were conducted on 10/7/2019, 4/10/2019, 10/1/2020 and 16/03/2020
View File	

14. Whether AQAR was placed before statutory body ?	Yes
--	-----

Name of Statutory Body	Meeting Date
College Development Committee	26-Feb-2021

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	2020
--------------------	------

Date of Submission	15-Jan-2020
--------------------	-------------

17. Does the Institution have Management Information System ?	Yes
--	-----

If yes, give a brief description and a list of modules currently operational (maximum 500 words)	1) Admission - Through this module, the 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

Admission-All rules and regulations regarding admission are mentioned in the college admission broucher. In our college, the 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 university and government norms, with this merit list the students are admitted strictly based on merit marks. Similarly, the PG admissions are started after the declaration of T. Y. B. Sc. results. The S.Y.B. Sc. and T.Y.B. Sc. admissions are completed just after the declaration of the result. After completion of all admission of the different classes, the committee also prepares the roll numbers alphabetically.

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, and declaration of results using

the CGPA system adopted by the parent university. Exams are conducted on behalf of the college for the first two years of the degree course and final year the exam is conducted on behalf of the university for the UG and PG course in the college. This year college conducted first-half exams as an online pattern through Google form by using mobile to students due to the lockdown (because of Covid-19) since March 2019. Administration:-The Principal, Head Clerk of the college, and IQAC of the institute look after the attendance of regular and temporary faculty, which helps in the monthly salary payment of all the employees. They also maintain and follow the all easy and effective official interaction to the college and with the university. Curriculum Activities:-In the beginning of every semester, meeting of each department was organized under the guidance of the Principal, IQAC, and HOD, teaching plan is prepared, the workload is allotted to all faculties and the syllabus is executed as per the norms of the university and it is reflected in the teacher's diary. At the end of every semester head of the entire department takes a meeting regarding the completion of the syllabus as per the allotment or not. Along with the classical method of teaching, we are using the POWER-POINT, Animations, WhatsApp, Videos, You-tube videos, Class tests, etc. as ICT tools for effective teaching-learning methods for the students. The college has core committee consisting of IQAC co-ordinator, all H.O.D.'s, Chairperson of various college committees, support services to plan structured schedules of curricular planning and implementation. Attendance:-Institute has a mechanism to record the attendance of theory classes and Practicals for all UG and PG courses. The attendance committee determines the list of students who do not qualify a minimum of 75% attendance for appearing to the examination. Personality Development Programmes:-The institute also has a mechanism regarding the development of student's personality, in which we organize Industrial Visits, excursions, field visits, etc so that it will help 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

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	-	02/08/2019	30	Helpful to get jobs in Water treatment Plants in industries.	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
MCA	Master degree in Computer Science	22/06/2020
BCA	Bachelor in Computer Science	20/06/2019
View File		

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	Programme Specialization	Date of implementation of
-----------------------------	--------------------------	---------------------------

CBCS		CBCS/Elective Course System
BSc	Chemistry	05/06/2019
MSc	Organic Chemistry	05/06/2019

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

	Certificate	Diploma Course
Number of Students	30	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
Agarbatti Making and Phenyl Making	23/08/2019	50
Preparation of pranws pickle and ayurvedic cosmetics	04/02/2020	48
Tailoring and Dress Designing	10/08/2019	48
View File		

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	52
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
<p>The IQAC and feedback committee has prepared and collected feedback from stakeholders such as students, teachers, alumni and parents. The basic reason behind the feedback mechanism is to know the perception of stakeholders about the overall development of the college. The data obtained from stakeholder is analysed by the committee and uploaded on the college website. Feedbacks are given to the students at end of the academic year with respect to all the theory and practical courses taught to them during the academic year. It consists of the questions based on the syllabus, completion of syllabus, assessment process, teaching methods, Teachers approach with students, Teaching ability of the teacher, Class control, Use of modern technologies, etc. on five-point scale measurement. This year we have done it by the digital method. Five means excellent and zero means poor performance. All feedback data was collected from Google drive and analysed by the concerned committee. Then the</p>

policy of the committee is that if a teacher gets an average grade of 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 however, this year all teachers' feedback is having good performance. The employer's feedback suggestion gives us the evaluation parameters such as subject knowledge, attitude, behaviour, regularity, punctuality, maturity, motivation creativity, presentation skills and ability to get along with others. The analysis of this feedback helps the college to improve and reframing the course content and various skill development training. Alumni feedback is conducted whenever an alumni programme such as foundation day, Alumni meet, etc. are organised in the college during the academic year. However, this year we have circulated the feedback link to the alumni on their Whats App and collected the data. The feedback from alumni is drawn evaluating subject knowledge of the programme, level of meeting expectations, the progress of alumni in career after graduation, motivation at college, maturity, social skills, ability to make decisions, ability to manage finance, the impact of training at ICT on personality and presentation skills at the 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
MSc	M. Sc.Part-I (Organic Chemistry)	20	50	20
BSc	F. Y .B. Sc.(Information Technology))	60	82	54
BSc	F. Y .B. Sc.(Computer Science)	48	4	0
BSc	F. Y. B. Sc.	120	186	109

[View File](#)

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
2019	468	37	24	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	Number of	ICT Tools and	Number of ICT	Numberof smart	E-resources and
-----------	-----------	---------------	---------------	----------------	-----------------

Teachers on Roll	teachers using ICT (LMS, e-Resources)	resources available	enabled Classrooms	classrooms	techniques used
28	28	88	7	0	6

[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)

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 the learning management system. Teachers discuss with parents during parent-teacher 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 (20192020) 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 Silver Medal (20192020) in Water Polo University Championship .Three of our students has been awarded National Bronze Medal in Water Polo .One of our student have also been awarded National Bronze Medal in Kabbadi for the year 2019-2020

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
505	28	1:18

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
37	28	0	14	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
2019	Dr. Dinesh V. Bhagat	Associate Professor	District coordinator, Avishkar research convention, University of Mumbai

2019	Dr. Dinesh V. Bhagat	Associate Professor	Recognised as a Research Guide for Ph. D. (Science) in Subject of Chemistry , University of Mumbai
2019	Dr. S. D. Tupare	Associate Professor	Nominated as member B.O.S. in Chemistry, Dr. Babasaheb Ambedkar Technological University, Lonere
2019	Dr. V.R. Jadhavar	Assistant Professor	Nominated as member B.O.S. in Chemistry ,Dr. Babasaheb Ambedkar Marathawada University, Aurangabad.

[View File](#)

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	1S00151	Semester-I	05/12/2019	01/04/2020
BSc	1S00141	Semester-I	05/12/2019	01/04/2020
BSc	1S00154	Semester-IV	25/10/2019	23/11/2019
BSc	1S00144	Semester-IV	25/10/2019	23/11/2019
BSc	1S00253	Semester-III	25/11/2019	23/12/2019
BSc	1S00143	Semester-III	25/11/2019	23/12/2019
BSc	1S00252	Semester-II	25/10/2019	23/11/2019
BSc	1S00152	Semester-II	25/10/2019	23/11/2019
BSc	1S00142	Semester-II	25/10/2019	23/11/2019
BSc	1S00251	Semester-I	05/12/2019	01/04/2020

[View File](#)

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

Continuous evaluation has been taken throughout the year by the institution by conducting following evaluation approaches:- ? Regular attendance in the class ? Written/Oral test. ? Interaction ? Question-answer sessions ? Classroom Seminars ? Home assignments ? Power Point Presentations ? Unit Tests ? Group Discussions ? Class Tests ? Projects ? Surprise Tests ? Field Visits ? Tutorials ? Survey ? Viva-voce ? Excursions ? E-test, Online Test, Quiz through Google Forms ? Participation in curricular, co-curricular and extra-curricular activities/ competitions, etc. ? Online examination theory and practical ? Uploading Sample Question bank on College website. ? Uploading study material

on Google classroom. For Continues Internal Evaluation following reforms were undertaken by the college: ? Conducted Certificate Courses. ? Conducted E-test, online tests, Online Quiz Conducted ? Preliminary theory and practical examinations. ? Assigned projects on recent research topics to the students. ? Arranged Essay Writing and Elocution Competitions to evaluate writing and presentation/speech related skills of the students. ? Arranged Surprise Tests, Open Book Tests and Unit Test. ? Allotted Home assignments. ? Organized 'Chem Rangoli and Chem- Poster' competition to test and nurture the subject interest. ? Adopted online evaluation methods through E-test, Online Test, Quiz using Google Forms

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

The institution is an affiliated college of the University of Mumbai. It prepares its Academic calendar and strictly adheres for Conduct of college examination and other related matters ? Academic Calendar for next academic is prepared by the end of May every year. ? It is a comprehensive plan of all the academic, co-curricular and extracurricular activities. ? It shows academic terms, schedule for admission, meetings of IQAC and various committees, internal evaluation, semester end examination, holidays, working hours of office and library, study tours, annual sports, NSS, NCC and other activities, Youth Festival, celebration of special days and other related academic, curricular and extra-curricular activities. ? In advance it is communicated to the Departments for the effective execution of the planned activities. ? The academic calendar is published in the college prospectus and made available through college website for the information of students and stakeholders. ? College mentions the all details of Academic and Examination related programs in college prospectus. ? The college has well defined mechanisms to conduct CIE as per Academic calendar. ? Internal examination: Internal examination conducted in month of September and January for each semester respectively in Academic calendar. ? Semester examination: As per the schedule prescribed by the University. ? Examination committee conducts the practical and theory examination in month of Oct. - Nov. and March -April for each semester as mentioned in academic calendar. ? Results of college examinations are declared as per the schedule given in the Academic Calendar. ? Detailed schedule of internal, external and practical examination is displayed on notice board in advance for the communication of students.

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/program%20outcomes.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	110	110	100
1S00256	BSc	Information Technology	47	47	100
1S00156	BSc	Computer Science	10	10	100

1S01124	MSc	Organic Chemistry	17	17	100
View File					

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)

<http://www.apcnagothane.edu.in/images/Allfeedback201920.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
Minor Projects	365	University of Mumbai	1.6	0
View File				

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
Workshop on Gender equality	Womens development cell	30/11/2019
Celebration of International women's day	Womens development cell	08/03/2020
One day Self protection workshop	Womens development cell	23/07/2019
Lecture on Health and Hygiene	Womens development cell	06/08/2019
Workshop on preparation of Phenyl , Agarbatti	Swamsidhdha Creations, WDC and Department of Chemistry	23/08/2019
Preparation of pranws pickle and ayurvedic cosmetics	Swamsidhdha Creations, Department of Botany and Zoology	10/02/2020
National Conference on Green Catalysis and Material Science	Department of Chemistry	27/05/2020

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
Recognised as a Research Guide for Ph.D. (Science) in Subject of Chemistry	Dr. Dinesh V. Bhagat	University of Mumbai	05/12/2019	Recognised as a Research Guide for Ph.D. (Science) in Subject of Chemistry
Nominated as member B.O.S.	Dr. S. D. Tupare	Dr. Babasaheb Ambedkar	08/07/2019	Nominated as member B.O.S.

in Chemistry		Technological University, Lonere		in Chemistry
Nominated as member B.O.S. in Chemistry	Dr. V.R. Jadhavar	Dr. Babasaheb Ambedkar Marathawada University, Aurangabad.	15/07/2019	Nominated as member B.O.S. in Chemistry
Selected for University round at intercolligate Avishkar Research	Miss Disha Dighe, Mhatre Nivedita, Tikone Harshali, Gurav Vishakha	Avishkar research convention, University of Mumbai	30/01/2020	Avishkar research Convention, University of Mumbai
3rd Prize in Elucation Competition	Miss Gharat Krushanali Dattaram	State level Youth Parliament	20/12/2019	State level Youth Parliament
View File				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
0	0	0	Orientation Programme for Avishkar Orientation convention 2020	Organization of lecture on Effective Poster and Oral Presentation by District and college Co-ordinator Avishkar research convention.	19/08/2019
0	0	0	District Level (Raigad Zone- V) Avishkar Research Convention 2019	Participation of 20 students Presented 8 Research projects. 01 project selected for University level.	22/12/2019
0	0	0	University level Avishkar Research Convention 2019	04 students participated and presented 01 Project at University Level.	04/01/2020
0	0	0		Workshop	04/02/2020

			Preparation of pranws pickle and ayurvedic cosmetics	was organised by the expert Mrs. Shilpa Nikam, from Swayamsidha Creations, Kharghar, Navi Mumbai, 84 students were participated	
0	0	0	Preparation of Phenyl and Agarbatti	Workshop was organised by the expert Mrs. Shilpa Nikam, from Swayamsidha Creations, Kharghar, Navi Mumbai, 84 students were participated	23/08/2019
View File					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
1	2	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	0

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	Physics	3	4.55
International	CHemistry	7	4.65
International	Zoology	2	6.05
International	Botany	2	6.56

[View File](#)

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
Library	1
Chemistry	1

[View File](#)

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Synthesis and characterization of aluminium substituted calcium hexaferrite	V.S, Shinde	Heliyon	2020	11	K.E.S. Anandibai Pradhan Science College, Nagothane	2
Synthesis and characterization of La substituted M type Calcium hexaferrite	V.S, Shinde	International Journal of material science	2019	1.5	K.E.S. Anandibai Pradhan Science College, Nagothane	0
Synthesis Characterization Antibacterial Studies on mixed Ligand Complexes of Cu with Paracetamol and amino acids	D.V. Bhagat	International Journal of Grid Distributed Computing	2020	6	K.E.S. Anandibai Pradhan Science College, Nagothane	0
View File						

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
Synthesis and characterization of aluminium substituted calcium hexaferrite	V.S, Shinde	Heliyon	2020	1	2	K.E.S. Anandibai Pradhan Science College, Nagothane

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	6	11	1	2
Presented papers	3	17	0	2

[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
One day Self protection workshop	Women Development Cell	10	100
Recycled articles	DLLE	3	30
Celebration of International women's day	Women Development Cell	8	15
Phenyl , Agarbatti making	Women Development Cell	12	50
Blood Donation	National Service Scheme	10	120
HIV- AIDS Poster Exhibition	National Service Scheme	2	40
Swachch Bharat Abhiyan	National Service Scheme	5	120
Health Hygiene	National Service Scheme	10	120
Plantation	National Service Scheme	6	100
Antitobacco awareness	National Service Scheme	12	100

[View File](#)

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
Intercollegiate Avishkar Research Convention	Selected for University round	Avishkar research convension, University of Mumbai	4
Elucation competition under	Third Prize	State level Youth Parliament	1

State level Youth Parliament			
Intercollegiate Water polo competition	Second Prize at zonal level	Department of Sports and Gymkhana, University of Mumbai	13
Intercollegiate Water polo competition	Third Prize at University Level	Department of Sports and Gymkhana, University of Mumbai	13
Inter-University Water-Polo competition	Third Prize at National Level	Department of Sports and Gymkhana, University of Mumbai	3
Inter-University Kabbadi competition	Selected at National Level from the Kabbadi Team of University of Mumbai	Department of Sports and Gymkhana, University of Mumbai	1
Debit- Group A (Marathi)	Third Prize	DSD, University of Mumbai	2
Debit- Group B (Hindi)	Third Prize	DSD, University of Mumbai	2
Story Writing	Third Prize	DSD, University of Mumbai	2
Skit C	First Prize	DSD, University of Mumbai	6
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 activities	Number of students participated in such activities
Government	National Service Scheme	Yoga Day	10	35
Government	National Service Scheme	Fit India Campaign	12	225
Government	National Service Service	Ekta Daud - Run for Unity	4	42
Govement	Save Energy	awareness campaign on Save Energy through PCRA	4	83
Government	NSS Women Development Cell	Gender Issue- Savitribai Phule Jayanti	10	50
DLLE, University Department	DLLE	UDAAN FESTIVAL	3	20
DWS,	Science	Avishakar	3	6

University of Mumbai	Association	Convention		
Higher Education	Saint G. B. Uni. Amaravati	State evel Prerna Leadership Camp	0	1
University of Mumbai	Sport	InterUniversity Waterpolo tournament	1	3
National Conference	University of Mumbai and S.A. I. College, dombiwali , Thane	National level conference on nss activities	2	0

[View File](#)

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- Examination	3	Institute	3
Faculty Exchange- Guest Lecture	5	Institute	10

[View File](#)

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
Field Visit for the project work	To study the health care Education empowering Womens Adiwashi Employment generation and relief	Visit to Yousuf Meharali centre Panvel, District Raigad	29/12/2020	29/12/2020	01
Field Visit for the project work	Study of functioning of Saving Group from Rural area	Visit to 7 different Mahila Bahat Groups at Warvathane	18/03/2020	18/03/2020	36

[View File](#)

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
KES, Amarchand Jethmal Jain Primary School, Nagothane.	01/01/2020	To distribute educational material to the needy students (std. 1 to std. 4) Celebration of Women day :- Distribution of study material and felicitation of girl students	165
Rathi Dye Limited	02/03/2020	To organize campus interview for selection of trainee students	5
Institute of Petrochemical Engineering, Lonere.Tal. Mangaon Dist. Raigad	01/01/2020	To conduct Save energy activities. To motivate villager for use of CFL bulb	87
KES, Dr. C. D. Deshmukh Arts Commerce College, Roha Dist. Raigad	15/06/2019	Sharing of academic cocurriculum activities, Research, Case study etc.	5
Primary Health Club, Nagothane, Tal Roha Dist. Raigad	03/03/2020	To organize blood testing camp, awareness lecture, blood donation camp cleanliness drive.	53
Reliance Medical Unit, Nagothane	03/03/2020	To organize awareness lecture, Blood testing against HIV- AIDS,	105
Sudarshan chemical Industries Roha	02/03/2020	To organize campus interview for selection of trainee students To Organise Industrial Visit	34
Clariant Chemical Industries	02/03/2020	To organize campus interview for selection of trainee students To submit the proposal of CSR funds for college development To Organise Industrial Visit	55
Supreme	03/03/2020	To organize	37

Petrochemical Industry, Nagothane	lecture by Industrial experts
View File	

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
2800000	2750000

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Class rooms	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)	Newly Added
Others	Existing

[View File](#)

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
SOUL	Partially	2.0	2016

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	2482	303120	15	1000	2497	304120
Reference Books	5909	1825888	29	64790	5938	1890678
Journals	31	41441	0	0	31	41441
Digital Database	1	5725	0	0	1	5725
CD & Video	165	0	6	0	171	0
Library Automation	5909	1825888	29	64790	5938	1890678

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under

Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
NIL	Nil	Nil	Nil
No file uploaded.			

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/GBPS)	Others
Existing	54	46	0	0	0	4	4	4	0
Added	3	3	0	0	0	0	0	0	0
Total	57	49	0	0	0	4	4	4	0

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

4 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
National Conference of Green Catalyst- APSCN College, Nagothane	https://youtu.be/fEDMIG64z6E
TY BSc Drugs and Dyes Estimation and Anticid Practice - Dr. Vilas Jadhavar	https://youtu.be/5AnWanrEYOE
T Y BSc Sem V Drugs and Dyes Practical	https://youtu.be/ZrW3OLDqjow
T.Y.B.Sc Drugs and Dyes Practical Theoretical explanation of Estimation of Antacids (Sem V).	https://youtu.be/lhVsHyL9yNk
Thesis and dissertation repositories- Hemant F Jadhav , Librarian	https://youtu.be/xIcZ3eIfhwg
Inorganic Preparation - Mr. Jayesh V Patil	https://youtu.be/P4PuAHrgD_8
Quantitative analysis- Mr. Jayesh V Patil	https://youtu.be/rpRkPgAOo6M
Quantitative Analysis - Mr. Jayesh V Patil	https://youtu.be/X4sFAyZrPFw
T Y B Sc Practical Preparation of Aspirin from salicylic acid.- Dr. Shrikrishna D Tupare	https://youtu.be/_r73NFB_XcU

4.4 – Maintenance of Campus Infrastructure

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

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

	facilities		facilities
1025000	362311	114000	35646

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)

Procedures and policies for maintaining and utilizing physical, academic and support facilities:- Institute follows optimum utilization of the existing infrastructure for curricular, co-curricular and extracurricular activities

A. Laboratory:-

- Maintenance records of 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 a prior provision of disposal of waste of all types such as solid and liquid waste as well as e-waste.

B. Library:-

- The requirement and list of books is taken from the concerned departments and HoDs are involved in the process. The finalized 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 E-books and E-journals library has subscribe INFLIBNET-NLIST 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

C. Sports:-

- College has provided Indoor and Outdoor games facilities to the students.
- College has allocated separate budgets for sports.
- College has promoted students to participated in Zonal level, University level and national level Sports.

D. Computer:-

- College has establish separate computer laboratory for Computer Science and Information Technology course students
- College has provided computer centre in library for all students.
- Computer Maintenance through Omkar Enterprises is done regularly.
- Non repairable systems are disposal off through the maintenance and repairs committee.

E. Classrooms:-

- The CDC has continuously worked for the maintenance and upkeep of infrastructure.
- College has provided well equipped and ICT based 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	Financial support from institution	19	14930
Financial Support from Other Sources			
a) National	GOI Scholrship	34	150717
b)International	Nil	Nil	Nil

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
one day self protection(Karate) workshop	23/07/2019	50	Super Dimond Martial art Nagothane
View File			

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2019	Career Opportunities through Tata Institute of Social Sciences	0	0	0	0
2019	Competitive Examinations- Preparation of Preliminary Examinations of Staff selection commission exam, Banking, M.P.S.C./U.P .S.C	0	25	0	15
2019	Career opportunities after graduation of IT	25	0	0	5
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed

NIL	0	0	Sudarshan Chemical Industries Ltd. Dhatav, Roha, Privi Organic Private Ltd. Dhatav Roha and Quiligance Pharmaceuticals Limited Khopoli	39	17
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
2020	18	B.Sc. Chemistry	Chemistry	K.E.S. Anandibai Pradhan Science College, Nagothane	M.Sc. (Organic Chemistry)
View File					

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

Items	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GATE	0
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0
View File	

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

Activity	Level	Number of Participants
Carrom	College	11
Shot put	College	6
Running	College	15
Kabaddi men	College	11
Kabaddi women	College	9

Dotch ball	College	11
Cricket women	College	9
Cricket men	College	11
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2019	Bronze Medal	National	1	Nil	904	Bhoir Saurabh Raghunath M.Sc.Part-I
2019	Bronze Medal	National	1	Nil	333	Shinde Premraj Rohidas T.Y.B.Sc
2019	Bronze Medal	National	1	Nil	161	Bhoir Siddesh Mahadev S.Y.B.Sc.

[View File](#)

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

The activity of student council:- At the time of admission, they council the fresher. They assist to arrange annul sports. They assist to arrange annual cultural programme. They help to organize an industrial visits. To promote the interest of the student in administration To identify and solve problems encountered in the institute.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

No

5.4.2 – No. of enrolled Alumni:

58

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

30600

5.4.4 – Meetings/activities organized by Alumni Association :

Meetings of the alumni association during the year 2019-20:- • IQAC conduct the meeting with Alumni for the purpose of interaction, felicitation and collection of alumni funds for the development of college on 19/02/2020. • Meeting of Alumni was organized on 08/03/2020 at Roha and discussion was raised to collect Alumni funds for the development of college. In this meeting 5 alumni are felicitated by offering Shawl, Shriphal and buckey. • Meeting of Alumni was

organized at Roha where funds of Rs. - 30,600/- collected from the Alumni. • Interactive session of Alumni Mr Divesh Bavkar, IT executive Jindal SAW, Ltd. was organized on the topic " decision making system" on 18/01/2020. The session was beneficial to the 53 students of B.Sc. (IT). • Programme of get-together including cultural programmes, social awareness programmes, celebration of special days was organised on 26/01/2020.

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 Principal of our Institute believes in delegation of authority and decentralization. Accordingly, the governing system of the institution prefers decision making in democratic, participative and decentralized manner. The Principal, IQAC coordinator, HOD's and Senior Professors are responsible for the academic and administrative leadership of the college. The college has been always in favour of participation of faculty, administrative and non teaching staff and the representative from students, alumni, industry, local society, in general administration of college. All of them encourage contributing in terms of their ideas, suggestions and recommendations towards the development of better work culture of institution. Following are the practices:-

A) Department level decentralization: - The Principal appoints Head of departments for effective functioning of the college. The HOD's and Teacher In-charge are involved in participative management through the roles assigned to them. HOD's look after the duties of respective faculty and departmental activities. He monitors overall development of the respective class. Therefore, the departments enjoy autonomy operations in respect of academic planning and day to day planning. The activities are planned and executed at the departmental level and for this inter departmental cooperation is always welcome and appreciated by the principal and the head of the department.

B) Statutory and Non-statutory college committees:- Statutory and Non-statutory are formed at the beginning of the academic year. All the faculties are given responsibilities as a part of participative management. The faculty of the concerned committee helps the management to conduct institutional activities. This committee consists of teachers and student volunteers as a member, this helps to groom leadership among faculty members as well as students. The College conducts various programs and activities for faculty and students at two levels:-

? Academic Level: - The faculty members have freedom to select or purchase the required books and also to plan teaching, learning, evaluation and designing co-curricular, extra-curricular activities to support programme requirements and overall development of students.

? Non-Academic Level :- Individual teacher being a member or the In-charge of the various committees takes active part in the various events such as university or annual sports, youth festival like Utsav, Avishkar research convention, various competitions organized by Konkan Education Society. Thus, the above structure of governance indicates high degree of participation of students, teachers and members of Governing body in maintaining culture of participative management.

C) Involvement of senior faculty in decision making process:- The senior faculty of the college play important role in the decision making process of the college. The Principal invites suggestions of the senior faculty regarding academic and administrative policies for effective functioning of the college. Most of the senior faculty is included in College Co-ordination Committee, College Development Committee, IQAC and other statutory and non-statutory committees.

D) Participation of stakeholders in institutional activities:- The college promotes participation of all its stakeholders such as students, faculty, administrative staff, support staff, parents, alumni, employers, well-wishers, etc. for the effective functioning of the college. All the activities

of the college are conducted with their cordial support.

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
Examination and Evaluation	<p>The Examination Committee is responsible for the effective conduct of examination and evaluation process. It is constituted by Sr. Faculty members of the college. ? Implementation of Semester Based Credit and Grading System ? Continuous Internal Evaluation of students ? Unfair Means Committee to prevent malpractices in examinations ? Central Assessment Process for evaluation of answer books ? Transmission of question papers digitally ? Arrangement of Preliminary Examination by each department for final year students</p>
Admission of Students	<p>? 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 installments. ? 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.</p>
Industry Interaction / Collaboration	<p>? The college develops interaction with industry to bridge the gap between theory and practice and grab different job opportunities to its students available in the nearby industry. ? Signed 09 MOU's with industries in MIDC Roha. ? Industry authorities on various committees of the college especially on IQAC. o Arrangement of on and off campus interviews. o Arrangement of on job training programmes. ? Arrangement of Lectures by industry experts and domain experts. ? Arrangement of field and industry visits of students as a part of learning and internal evaluation</p>

<p>Human Resource Management</p>	<p>? Recruitment of qualified teachers in compliance with UGC, University, and State Govt. rules. ? Professional Development Programmes for faculty and non-teaching staff. ? Motivation and support for faculty improvement through refresher Course, Orientation Course/ summer camp, etc. ? API Mechanism for each faculty as per the norms of UGC and University. ? Regular performance appraisal of teaching and non-teaching staff. ? Faculty and Staff are encouraged to participate in self-development programmes. ? Financial support to faculty to attend seminars and conferences.</p>
<p>Library, ICT and Physical Infrastructure / Instrumentation</p>	<p>? Institute has a spacious central Library which has facility to access the books, journals, e-books, e-journals, etc. via OPAC, N-list INFLIBNET sites. ? It includes development of a separate Reference Section. ? It has a Reprographic as well as Internet facility ? Stack room for bound volumes. ? Separate reference section for faculty research scholars and PG students. ? 9 Daily Newspapers in different languages and reading stands for staff and students. ? Reading Room facility. ? Extra borrowers card for meritorious students ? LCD projectors and internet connectivity to all departments ? Open access to PG students ? ICT teaching, learning and evaluation.</p>
<p>Research and Development</p>	<p>? College research committee motivates students to participate in research activity such as Avishkar and Indian Youth Science Congress conducted by Mumbai University and to undergo research projects. ? Committee motivates the faculties to submit and undergo MRP under University of Mumbai, DST, UGC etc., ? Teachers and students are encouraged to attending 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./Post Doctoral degree in respective subjects. ? Three teachers has got reorganization as a Ph.D. Guide of Mumbai University.</p>
<p>Teaching and Learning</p>	<p>Mentoring of students is conducted by the departments of the institution based on the following objectives:- ? To increase the teacher student contact</p>

hours. ? To identify and address the problems faced by slow learners and advanced learners. ? To decrease the student dropout rates. ? To prepare students for the competitive World. ? Departments individually organize orientation sessions for first year students. ? For mentoring process, all necessary information related to the student such as the contact number, email of the student, family income, category, gender etc., is collected.

Curriculum Development

? Appointment and Involvement of faculty in the framing of the syllabus:-
 • Appointment of faculty as a member of Syllabus Committee, Board of Studies of • University of Mumbai. • Dr. Babasahaheb Ambedkar Technological University, Lonere, • Dr. Babasahaheb Ambedkar Marathwada University, Aurangabad. ? Framing syllabus of certificate course of Institute by the faculty. ? Involvement of industrialist and academician in framing curriculum of certificate course of college. ? Collection of feedback from stakeholders on curriculum. ? Involvement of faculty in course restructuring and revision of committees constituted by the University bodies. ? Participation of faculty in various Faculty Development Programmes.

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

E-governance area	Details
<p>Planning and Development</p>	<p>e-governance is adopted by the institution has for smooth and speedy work of academic and administrative work of the college e-governance system is worked through:- ? Correspondence in terms of emails ? Online submission of proposals to different bodies/funding agencies</p>
<p>Administration</p>	<p>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 e-governance solutions as the examination system can be put under</p>

	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	? There is a separate Admission Committee to monitor online admission process as per the university schedule. ? The institute follows the online admission process as University of Mumbai adopted online admission process in the year 2016-2017. ? It is mandatory for first year students of UG and PG level programmers to register online on university portal "mum.digitaluniversity.ac". ? 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	College has examination committee to monitor all the heads of college/University. It has separate examination Hall which assembles with all necessary facilities. ? 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
2019	Dr. D. V. Bhagat	Recent trends in Chemistry	K.E.S. A.P.Sci. College, Nagothane	1000
2019	Dr. D. V. Bhagat	Recent Trends In Science	K.E.S. A.P.Sci. College,	2000

			Nagothane	
2019	Dr. D. V. Bhagat	Indian Council of Chemists National Conference	K.E.S. A.P.Sci. College, Nagothane	1000
2020	Dr. D. V. Bhagat Dr. D. V. Bhagat	One day National Conference on New Dimensions of Chemistry (ND C-2020),	K.E.S. A.P.Sci. College, Nagothane	1000
2020	Dr. D. V. Bhagat	NSS- Its Role in Social Awakening National Development	K.E.S. A.P.Sci. College, Nagothane	1000
2020	Dr. D. V. Bhagat	National Conference on Multidisciplinary Research Practices.	K.E.S. A.P.Sci. College, Nagothane	1000
2019	Dr. V. R. Jadhavar	Two days National Workshop on E-Content Development for Effective Teaching,	K.E.S. A.P.Sci. College, Nagothane	1000
2020	Dr. V. R. Jadhavar	CASI MAHA Model United Nations 2020	K.E.S. A.P.Sci. College, Nagothane	700
2020	Dr. V. R. Jadhavar	Impact of COVID-19 Pandemic on Micro, Small, and Medium Enterprises and Social Structure	K.E.S. A.P.Sci. College, Nagothane	Nil
2020	Dr. S. D. Tupare	One Day national Conference on Green catalysis and Material Chemistry.	K.E.S. A.P.Sci. College, Nagothane	Nil
View File				

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	Title of the administrative training	From date	To Date	Number of participants (Teaching)	Number of participants (non-teaching)
------	---------------------------------------	--------------------------------------	-----------	---------	-----------------------------------	---------------------------------------

	programme organised for teaching staff	programme organised for non-teaching staff			staff)	staff)
2019	Laboratory Safety and measures training programme	Laboratory Safety and measures training programme	19/12/2019	19/12/2019	12	5
2020	One day workshop on energy conservation and save electricity	One day workshop on energy conservation and save electricity	13/01/2020	13/01/2020	5	10
View File						

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
One week Faculty development program on Moodle Learning Mangement System	1	07/05/2020	12/05/2020	7
HRDC -UGC sponsored FDP Course in Online one week workshop on MOOC, e-content Development and OPR (Open Educational resource)	1	29/04/2020	04/05/2020	7
Managing Online Classes and co-creating MOOCS :2.0 (FDP)	5	18/05/2020	03/06/2020	14
Managing Online Classes and co-creating MOOCS :1.0 (FDP)	1	20/04/2020	06/05/2020	14
Short Term Course in	2	09/12/2019	15/12/2019	7

Diaster Management				
Refresher course in nano physics and electronics (core)	1	29/08/2019	11/09/2019	14
Refresher course in library and information science	1	17/09/2019	07/10/2020	21
FDP	1	20/02/2020	29/02/2020	10
FDP	1	25/05/2020	31/05/2020	7
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	10	0	3

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<p>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</p>	<p>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</p>	<p>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</p>

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
Funds collected from faculty, alumni and well wishers	280600	Development of college
View File		

6.4.3 – Total corpus fund generated

160000

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Local Inquiry Committee, University of Mumbai	Yes	IQAC
Administrative	Yes	Local Inquiry Committee, University of Mumbai	Yes	IQAC

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

<ul style="list-style-type: none"> • Celebration of Yoga Day: - 21/06/2019 • Tree Plantation Programme on: - 15/08/2019 • Organization of Sports Competition of Alumni on 27/01/2020 • Organization of Blood Donation Camp with involvement of Alumni:- 29/01/2020
--

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

<p>Workshop on Laboratory safety measures: - 19/12/2019 Workshop on soft skill development: - 16/09/2019 Workshop on energy conservation,save electricity: - 13/01/2020</p>

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

<p>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. •Participation in NIRF • Organisation of University level sports, cultural and Avishkar Research competition.</p>

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
2019	First Meeting of IQAC conducted	10/07/2019	10/07/2019	10/07/2019	19
2019	Second Meeting of IQAC conducted	04/10/2019	04/10/2019	04/10/2019	19
2020	Third Meeting of IQAC conducted	10/01/2020	10/01/2020	10/01/2020	19
2020	Fourth Meeting of IQAC conducted	16/03/2020	16/03/2020	16/03/2020	19
2019	Timely submission of AQAR (2018-19)	24/12/2019	24/12/2019	24/12/2019	19
2020	Feedback and Analysis	03/03/2020	03/03/2020	30/03/2020	300

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES**7.1 – Institutional Values and Social Responsibilities**

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
One day Self protection workshop	23/07/2019	23/07/2019	50	0
Lecture on Health and Hygiene	06/08/2019	06/08/2019	60	0
Courses offered by Women development cell -Phenyl , Agarbatti making	23/08/2019	23/08/2019	50	0
Celebration of Balika din	03/01/2020	03/01/2020	100	50
Celebration	08/03/2020	08/03/2020	15	0

of International women's day				
Celebration of constitution Day	26/11/2019	26/11/2019	48	58
Teachers Day Celebration	05/09/2019	05/09/2019	48	68
International Yoga Day	21/06/2019	21/06/2019	58	69
Celebration of Raksha Bandhan	26/08/2019	26/08/2019	42	56

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

Energy Conservation:- Buildings of the institute are well ventilated with glass windows to maximize natural air conditioning and lighting. It helps in conservation of electricity. The institute has installed CFLs and LED bulbs to save electricity and corresponding light bill. The precaution is taken that the lights and fans are switched off by peons, staff and students after engaging of the classes so that the use of electricity can be minimized. 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. The workshop for Mahila Bachat group Warvathane on energy conservation and save electricity was organized on 18/01/2020. Dr. Nitin Lingayat Head Dept. of Electrical engineering, IOPE Lonere was invited as a resource person. In all 38 members representing 7 different Mahila Bachat groups were present to enjoy the workshop.

Green Practices:- Students, staff uses Public transport. State Transport buses pick students from different villages and some urban area such as Roha, Kolad, Amdoshi, Khamb, Pui, Bense, Shihu, Palkhar etc. saving the expense of individual transport. The campus was landscaped and planted with different plants from the beginning of college. Thus the fully grown trees provide adequate green cover and reduce greenhouse gases. 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.

Rain water harvesting:- In chemistry laboratory rain water is collected and stored and is utilized for experiments throughout the year. The rain water during the rainy season is charged in to the well located in the backside college campus. Trees and lawns are maintained by watering provided by this well and water waste is also used for gardening.

Steps involved in waste management:-

- 1) Solid waste management:
 - For the collection of waste from college premises Dust Bins are provided at sides such as Office, Laboratory, Library, Class room, corridors etc., The campus waste is disposed time to time in an eco friendly manner without polluting College and the environment. Dry waste is collected regular interval with the help of non-teaching staff and disposed at the end of day. Paper waste is shredded and sold to licensed purchasers of K.E.S. Alibag. There is a provision of 5 soak pits of size 10 x 5 x 3 (5 Pits) which generate adequate fertilizer for the campus. NSS volunteers have been actively conducted cleanliness campaign in the college campus under 'Swachha Bharat Abhiyan', India's biggest cleanliness drive. In addition to this WDC, NSS organized Post

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	0
Provision for lift	No	0
Ramp/Rails	Yes	0
Braille Software/facilities	No	0
Rest Rooms	Yes	0
Scribes for examination	Yes	0
Special skill development for differently abled students	No	0
Any other similar facility	Yes	0

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
2020	1	1	29/01/2020	1	Blood Donation	Health	150
2020	1	1	21/03/2020	1	Janata Curfew Pledge	Health	75
2020	1	1	18/04/2020	1	Arogya Setu app awareness	Health	160
2020	2	2	03/05/2020	1	Distribution of Mask	Health	150
2020	1	1	25/01/2020	1	Voter awareness Programme	Right to Voter Awareness	15
2019	1	1	27/08/2019	1	Blood Testing for HIV	AIDS awareness Programme	48
2019	1	1	15/09/2019	7	Swacha Bharat Abhiyan	Cleanliness	100
2019	1	2	07/11/2019	1	Anti-Tobacco awareness	Anti-Tobacco awareness	100
2019	1	1	27/08/2019	1	Plantation	Environmental	100

2019	1	1	19/01/2020	1	Road safety Street Play	Health	25
------	---	---	------------	---	-------------------------	--------	----

[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)
College Prospectus and Hand Book for students	01/05/2019	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 functioning of the institution.
Academic and Administrative Committees	13/06/2019	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
International Yoga Day	21/06/2019	21/06/2019	35
Street play on Swachha Bharat Abhiyan	15/08/2019	15/08/2019	30
Plastic awareness Rally	02/10/2019	02/10/2019	76
National Unity Day	31/10/2019	31/10/2019	45

Constitutional Day	26/11/2019	26/11/2019	75
Savitribai Phule Jayanti	03/01/2020	03/01/2020	60
Shivaji Maharaj Jayanti	19/02/2020	19/02/2020	50
K.E.S. Foundation Day	18/12/2019	18/12/2019	120
View File			

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

1) Use of Renewable Energy Since our Institute is located on the top of the hill, sunlight is available for the whole day, and hence we are trying to make use of this natural resource as a renewable energy source for the campus. 2) Water harvesting: - In chemistry laboratory rain water is collected and stored and is utilized for experiments throughout the year. 3) Efforts for Carbon Neutrality:- a) LPG is used in Chemistry laboratory. LPG is ecofriendly fuel. b) Chemistry laboratory uses combination of electricity and LPG energy to neutralize carbon. LPG is used for heating the test tubes and heating of allied glassware's 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. 4) 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. 5) 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. 6) E-Waste Management:- E-waste arises from computers and other modern electronic mediums. The rate of e-garbage 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 Practice-1 Title of the Practice: - 'Women empowerment and gender sensitivity in community' Aim: - Maintaining and strengthening the status of Women. Objectives:- ? Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender. ? To provide for dialogue, discussion, and deliberation on woman's rights and gender related issues. ? To encourage participation from NGO's and law enforcement agencies in this area. ? To review safety and security measures for female employees and girl students in the college campus. ? To encourage female students to be self-reliant and economically independent ? To produce equal career opportunities to all the genders. ? To increase the strength of girl students in the institute. ? To increase physical strength through Karate Self-defence 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 self-employment by acquiring required skills through Skill Based Short-Term Courses run by the college so as to develop multidisciplinary approach for

the overall personality development. ? To make all the girl students aware of health, hygiene and care to be taken. ? To organize events and activities for women empowerment. ? To create an environment that will help women realize their full potential and give their best. The Practices: The college has separate Women Development Cell along with the statutory committees such as Anti-ragging Committee and Anti-Sexual Harassment Committee for the effective planning and execution of the practice. This cell encourages the girl students for their overall development and active involvement in different activities in 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. ? Celebration of International Women Day. ? To organize lecture on Gender Equity. ? College offers Skill based short term courses for girl students. ? Participation of girl students in Research Projects, Sports, NSS, DLLE, Cultural, etc. ? Awareness about the special provisions made by law. ? To Provide redressed mechanism for the grievance or compliance for the girls. 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 505 in the year 2019-20. Out of these, male count is 222 and Female count is 283. There are 18 girls students doing their Post Graduation in chemistry. ? Avishkar Research Project entitled "Chemical investigation and screening of phyto chemicals of folk medicine Bhamburda (Blumea Lacera) to cure dermal diseases" presented by student Miss Disha Dighe, Nivedita Mhatre, Vishakha Gurav, Harshali Tikone (All T. Y. B.Sc. girls) and guided by teacher Miss. Chaitrali Patil awarded by prize at district level was also selected till ppt round at university level for the year 2019-20. The competition was held by Vishwaniketan institute of Management and Engineering, Khalapur on 22/12/2019 and K. C. College Churchgate on 04/1/2020. Science Association In-charge Dr. (Mrs.) Smita T. Morbale motivated the team of students and teacher guide to complete the project. This success belongs to Team of Women. ? Miss Krushnali Dattaram Gharat student from T. Y. B. Sc. Chemistry achieved third rank at district level in Youth Parliament Competition. ? Parents give first preference to our institution for the admission of their wards. ? The girls are motivated to join police force and also to pursue higher education. ? Women-friendly campus and supportive learning environment is established. ? The facility of Sanitary Napkins Vending Machine is being used and appreciated by girls. The purpose is to promote safe and hygienic- sanitary practices among women and girls. ? Faith has been created among parents about safe and secured atmosphere of college campus. ? Student council has large representation by girl students. ? Ragging, Eve teasing/harassment is reduced completely in the premises. ? Offenders are punished from time to time. Now-days, it has been found that girl students are in the merit of academics and co-curricular activities. Best Practice 2 Title of the Practice: - Promotion of Research Culture Aim: To motivate students and faculties to enhance research activates for the benefit of community. Objectives:- ? To enhance research among students and teacher of the Institution ? Encouragement for quality publications ? To facilitate community oriented project through outreach programmes. ? To motivate faculty to supervise their research scholars towards the minor research project. ? To encourage research scholar to organize / participate in seminars and conferences to unfold new areas of research ? To encourage the teachers to upgrade their qualification in form of M. Phil. /Ph.D./Post Doctoral degree in respective subjects. ? To encourage the teachers to acquire recognition as research guides from University and to start Ph.D. programme in respective subjects. ? To upgrade the library facilities toward research and development. ? To motivate students to undertake value added projects. The Practice:- The following practices are taken up by the institute for promotion of research among student, teachers and community:- 1) IQAC and Science association

committee publishes science bulletin "Prerana" and organises project exhibition, research poster competition, rangoli exhibition etc., 2) Rangoli exhibition on Green chemistry, Global warming and AIDS awareness has been organized as a social issue. 3) In the beginning of the academic year orientation programme for the students is organized to motivate them for research competition and projects. 4) Research committee conducts orientation programme for the teachers to encourage them for undertaking MRP's under University of Mumbai, DST, UGC etc., 5) Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor. 6) They are further encouraged to attend conferences, seminars, workshops, etc., 7) As a result of this faculty of institution has got reorganization as a teacher to guide Ph.D., M.Sc. by research and M. Sc. by papers under University of Mumbai. 8) From last three years Dr. D.V. Bhagat has been nominated as a District coordinator for Avishkar research convention conducted by University of Mumbai. Evidence of Success:- It is matter of pride that the efforts of IQAC and research committee gave fruitful results and brought success stories for institution such as:- IQAC and Science association committee organizes research poster presentation of PG students in the premises which is open for UG students, Junior college students. Department of Chemistry and NSS organizes Rangoli exhibition on Green chemistry, Global warming and AIDS awareness. In the beginning of the academic year orientation programme for the students is organized to motivate them for research competition such as Avishkar research convention, National Youth congress under University of Mumbai. Research committee conducts orientation course for the research scholars so that they could undergo MRP. This year 20 students participated at zonal competition organised by Vishwaniketan Engineering College, Khalapur. 8 projects were presented and one project was selected for the University round. Department of science streams has submitted research proposals to the funding agencies such as UGC, DST and University of Mumbai. Out of that 4 research projects are sanctioned for Department of Chemistry at the outlay of Rs. 1, 60, 000/- by University of Mumbai. Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor and to attend conferences, seminars, workshops, etc., Faculties have published 17 research papers in National/International Journals. Out of that 3 papers published in web of science and Scopus indexed journals and remaining papers are published in UGC care listed and peer reviewed journals. With this inspiration of faculties, they visited and presented 47 papers in National/International conferences. Proposals for University recognition for degree of Ph.D., M.Sc. (by research), M.Sc. (by papers). Three teachers Dr. D.V. Bhagat, Dr. V.S. Chavan and Dr. S. D. Tupare have got reorganization as a teacher to guide the students of Science for Ph. D. degree from Mumbai University. Dr. V. R. Jadhavar has got reorganization as a teacher to guide the M.Sc. (by papers) from University of Mumbai. Dr. S. T. Morbale have got reorganization as a teacher to guide the M.Sc. (by research) and M.Sc. (by papers) students from University of Mumbai. Workshops on value aided courses such as preparation of phenyl and Agarbatti conducted by woman development cell and Department of Chemistry. Shilpa Nikam was invited to guide and demonstrate the 85 participants of the workshop. In addition to this, Department of Botany and Zoology conducted a workshop on value added courses such as preparation of pranws pickle and ayurvedic cosmetics on 10th Feb. 2020. Mrs. Shilpa Nikam was invited as a resource person for this workshop where the 38 students participated in the workshop.

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

<http://www.apcnaqothane.edu.in/images/bestpractice201920.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 socio-economically 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 8200 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 km. The students from different villages such Nagothane, Kolad, Roha, Bense, Shihu, Ambeghar, Khamb, Pen, Amdoshi, Kuhire, Wangani, Balsai, Wakan, Kansai, Wasgaon, Varvathane 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. Some of the prominent category students studied in the college are member of Legislative Assembly. 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 courses to cherish the dream of 'One Student One Skill' by inculcating career oriented 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.

Provide the weblink of the institution

<http://www.apcnagothane.edu.in/images/performance.pdf>

8.Future Plans of Actions for Next Academic Year

Due to unprecedented COVID-19 pandemic situation, the college has tentative plan of action for the academic year as follows:- ? To arrange meetings of IQAC periodically. ? To submit online AQAR of the academic year 2020-21 to NAAC office. ? Inclusion of new programmes: - submission of proposal to start Ph.D. course in Chemistry and one additional batch of PG programmes M.Sc. Organic Chemistry by papers and by research. ? To strengthen the functioning of Autonomy: To ensure proper functioning, the timely conduct of meetings of statutory bodies

under autonomy ? Conduct of quality audits such as: • Energy Audit • Academic and Administrative Audit (AAA) ? E-governance in admission, examination, planning and administration ? Strengthening of the curricular, co-curricular, extracurricular and extension activities addressing to gender equity, human values and professional ethics, environment and national development. ? To explore and implement MOOCs for the benefit of students. ? To organize National Conference /Seminar and workshop. ? To participate in NIRF 2021 ? To organize workshop on Intellectual Property Rights (IPR) and Research Methodology. ? To promote ICT in teaching-learning ? To adopt innovations and best practices for effective functioning of the college ? To organize placement drives for last year UG and PG students. ? To promote faculty members for Promotion under Career Advancement Scheme ? To develop Online Admission Mechanism for UG and PG programmes. ? To develop Online examination Mechanism for UG and PG programmes



**Konkan Education Society's
Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)**

AQAR Report

2018-19



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		sandeshgurav@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	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	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
View File		

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
View File				

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
View File	

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 description 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 !!!		
View File		

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	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
Soap Making	10/07/2018	62
Perfume Making	10/07/2018	62
View File		

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
<p>The institute has prepared the structure of feedback questionnaires' 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</p>

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.(Com p.Sc.)	48	0	0
BSc	F.Y.B.Sc.(IT)	60	79	41
MSc	M.Sc.(Organic Chemistry)	20	50	20

[View File](#)

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	Number of smart classrooms	E-resources and techniques used
24	24	25	7	0	4
No file uploaded.					
No file uploaded.					

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	0	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. Gurav University level	Principal	Advisory committee -University of Mumbai
2018	Dr. Sandesh S. Gurav University 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

			Association for Health and Educational Growth, Delhi
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 Cooordinator
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
View File			

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
View File				

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%

		Information Technology			
1S00156	BSc	Computer Science	10	10	100.00%
1S01124	MSc	Organic Chemistry	17	14	82.35%
View File					

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)

<http://www.apcnagothane.edu.in/images/feedback201819.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
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
View File				

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
View File				

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 !!!					
View File					

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	0

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
View File			

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
View File	

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

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Isolation of AM Fungal Spores from Rhizospheric	V. S. Chavan	Online international interdisciplinary	2018	0	00	0
Amine Exchange Reactions of Mannich	S.D. Patil	Scholarly Research Journal	2018	0	0	0

Bases		for Interdisciplinary Studies.				
Synthesis and antibacterial activities of bis Schiff bases	S. D. Tupare	International Recognition Multidisciplinary Research Journal	2019	0	0	0
"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	0	0	0
"Study of some Physicochemical Aspects of Pond water at Nagothane Dist. Raigad (M.S.), India."	V.R. Jadhavar	International Recognition Multidisciplinary Research Journal	2019	0	0	0
Use of Charcoal Powder Prepared from Orange and Lemon Peels for the Treatment of Sewage Water at Nagothane Dist. Raigad (M.S.), India."	V.R. Jadhavar	International Recognition Multidisciplinary Research Journal	2019	0	0	0
"Study of physicochemical parameters	S. V. Choudhari	MULTILOGICS IN SCIENCES an interna	2019	0	00	0

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	0
Application of empirical models and statistical tools for determination of phyto remediation 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	0
Comparison of physiochemical parameters of Lake waters in Nagothane a case study in Roha	S. V.Choudhari	International Recognition Multidisciplinary Research Journal	2019	0	00	0
A study of aquaculture	P.Nirmala Jyothi	International scientific	2019	0	0	0

growth difficulties and prospects in India		research And Reviews				
EWaste -An Environmental Impact.	V Sharda	International research journal of science engineering	2018	0	0	0
Study of Biodiversity in water bodies in Nagothane case study	V Sharda	International Recognition Multidisciplinary Research Journal	2019	0	0	0
"Study of some Physicochemical Aspects of Pond water at Nagothane Dist. Raigad (M.S.), India."	P.Nirmala Jyothi	International Recognition Multidisciplinary Research Journal	2019	0	0	0
View File						

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 Rhizospheric	V. S. Chavan	Online international interdisciplinary	2018	0	0	0
Amine Exchange Reactions of Mannich Bases	S.D. Patil	Scholarly Research Journal for Interdisciplinary Studies	2018	0	0	0
Synthesis and antibacterial	S. D. Tupare	International Recognition Multidisciplinary	2019	0	0	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	0	0	0
"Study of some Physicochemical Aspects of Pond water at Nagothane Dist. Raigad (M.S.), India."	V.R. Jadhavar	International Recognition Multidisciplinary Research Journal	2019	0	0	0
Use of Charcoal Powder Prepared from Orange and Lemon Peels for the Treatment of Sewage Water at Nagothane Dist. Raigad (M.S.), India."	V.R. Jadhavar	International Recognition Multidisciplinary Research Journal	2019	0	0	0
"Study of physicochemical parameters of Jogeshwari Lake water in Nagothane : a case study	S. V. Choudhari	MULTILOGICS IN SCIENCES an international referred indexed journal	2019	0	0	0

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

Environmental Impact.		research journal of science engineering				
Study of Biodiversity in water bodies in Nagothane case study	V Sharda	International Recognition Multidisciplinary Research Journal	2019	0	0	0
"Study of some Physicochemical Aspects of Pond water at Nagothane Dist. Raigad (M.S.), India."	P.Nirmala Jyothi	International Recognition Multidisciplinary Research Journal	2019	0	0	0

[View File](#)

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

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	0	0	0	10
Presented papers	16	7	0	1
Resource persons	0	1	1	0

[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
Youth Day	NSS	2	85
Voters Campaign	NSS	2	120
Road safety	NSS	2	110
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
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
View File			

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 activities	Number of students participated in such activities
Udaan Festival	DLLE	Street Play	2	15
Mahiti Doot	Government and NSS	Family Survey	2	51
Swachh 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	WDC	Informative lecture	5	100

program - Informative program awareness against 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
View File				

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
View File			

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 !!!					
View File					

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 and Facility	180
Reliance Jio Info. Com. Ltd.	10/07/2018	Placement and interaction	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
View File			

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	0	0	1	5725	1	5725
CD & Video	160	0	5	0	165	0

[View File](#)

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 !!!			
View File			

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 incurred on maintenance of physical facilities
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 Ejournal 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 cobaratory 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.apcnaogthane.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	0	0

[View File](#)

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial

coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
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

[View File](#)

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

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passed in the comp. exam	Number of students placed
2018	Staff selection commission exam Combine graduate level exam 2018	25	2	25	0
2019	How to prepare for MBA entrance exams? And careers in management studies	60	0	60	0
2019	Motivational session on Career in Computer Science and Technology.	71	0	71	0
2019	Save electricity, environment	30	0	30	0

[View File](#)

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
0	0	0

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Name of organizations visited	Number of students participated	Number of students placed	Name of organizations visited	Number of students participated	Number of students placed
Reliance Jio Group Infotech 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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	20	Institution	Chemistry	KES. Anandibai Pradhan Science College, Nagthane, Raigad.	M.Sc. (Organic Chemistry)
View File					

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

Items	Number of students selected/ qualifying
NET	0
SET	0
SLET	0
GATE	0
GMAT	0
CAT	0
GRE	0
TOFEL	0
Civil Services	0
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
View File		

5.3 – Student Participation and Activities

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

Year	Name of the award/medal	National/ International	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
------	-------------------------	-------------------------	-----------------------------	-------------------------------	-------------------	---------------------

No Data Entered/Not Applicable !!!

[View File](#)

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-governance area	Details
Planning and Development	The institution has adopted e-governance 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 e-governance 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 Interdisciplinary 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 interdisciplinry 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 Interdisciplinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	2000
2019	Prof M. D. Shirath	InterNational Interdisciplinry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	2000
2019	Prof M. D. Shirath	National Inte rdisciplinry	KES A.P.Sci. College,	1500

		conference on Recent trends in Science (ICRTS 2019)	Nagothane	
2019	Dr P. Nirmala	InterNational Interdisciplin ry conference on Recent trends in Science (ICEDS 2019)	KES A.P.Sci. College, Nagothane	1500
2019	Dr Sarda Rao	InterNational Interdisciplin ry 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
View File				

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 !!!						
View File						

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
Refresher Course	1	12/11/2018	01/12/2018	21
Orientation Course	1	21/05/2018	17/06/2018	21
View File				

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	10	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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
View File		

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority

Academic	No	Nil	Yes	KES Anandibai Pradhan Science College, Nagothane
Administrative	No	Nil	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

[View File](#)

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

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

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
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	0
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	Swachh 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
No file uploaded.							

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

Title	Date of publication	Follow up(max 100 words)
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
No file uploaded.			

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 Practicel 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 inclinators, 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 Diseases like Aids, Breast Cancer, Cervical Cancer, personal hygiene etc.
2. 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.
3. 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 officials Shri Vinayak Mahdik, Mrs Dipti Ramrame, Shri Dilip Gade, Shrimati Chanchal Wijekar, Mrs. Kalpana Bharmbe. Beneficiaries were 200 girl students.
4. 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:

1. 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, NACL 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

Provide the weblink of the institution

<http://www.apcnagothane.edu.in/images/performance.pdf>

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



**Konkan Education Society's
Anandibai Pradhan Science College,
Nagothane, District-Raigad (Maharashtra)**

AQAR Report

2017-18

Guidelines for the Creation of the
Internal Quality Assurance Cell (IQAC)
and Submission of Annual Quality Assurance
Report (AQAR) in Accredited Institutions
(Revised in October 2013)

AQAR for the academic year

2017-2018



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद्

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

VISION

To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.

MISSION

- ☞ To arrange for periodic assessment and accreditation of institutions of higher education or units thereof, or specific academic programmes or projects;*
- ☞ To stimulate the academic environment for promotion of quality of teaching-learning and research in higher education institutions;*
- ☞ To encourage self-evaluation, accountability, autonomy and innovations in higher education;*
- ☞ To undertake quality-related research studies, consultancy and training programmes, and*
- ☞ To collaborate with other stakeholders of higher education for quality evaluation, promotion and sustenance.*

Value Framework

To promote the following core values among the HEIs of the country:

- Contributing to National Development*
- Fostering Global Competencies among Students*
- Inculcating a Value System among Students*
- Promoting the Use of Technology*
- Quest for Excellence*

Contents

	Page Nos.
1. Introduction	..... 4
2. Objective	..... 4
3. Strategies	..... 4
4. Functions	..... 5
5. Benefits	..... 5
6. <i>Composition of the IQAC</i>	..... 5
7. The role of coordinator	..... 6
8. Operational Features of the IQAC	..... 6
9. Monitoring Mechanism	..... 7
10. The Annual Quality Assurance Report (AQAR) of the IQAC	..... 8
Part – A	
11. Details of the Institution	..... 9
12. IQAC Composition and Activities	..... 12
Part – B	
13. Criterion – I: Curricular Aspects	..... 14
14. Criterion – II: Teaching, Learning and Evaluation	..... 15
15. Criterion – III: Research, Consultancy and Extension	..... 17
16. Criterion – IV: Infrastructure and Learning Resources	..... 20
17. Criterion – V: Student Support and Progression	..... 21
18. Criterion – VI: Governance, Leadership and Management	..... 24
19. Criterion – VII: Innovations and Best Practices	..... 27
20. Abbreviations	..... 29

Document revised by: Dr. Ganesh Hegde, Assistant Adviser and B. S. Ponnudiraj, Assistant Adviser, NAAC

Guidelines for the Creation of the Internal Quality Assurance Cell (IQAC) and Submission of Annual Quality Assurance Report (AQAR) in Accredited Institutions

Introduction

In pursuance of its Action Plan for performance evaluation, assessment and accreditation and quality up-gradation of institutions of higher education, the National Assessment and Accreditation Council (NAAC), Bangalore proposes that every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC will become a part of the institution's system and work towards realisation of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, it will channelize all efforts and measures of the institution towards promoting its holistic academic excellence.

The guidelines provided in the following pages will guide and facilitate the institution in the creation and operation of the Internal Quality Assurance Cell (IQAC). The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution. It has the potential to become a vehicle for ushering in quality enhancement by working out planned interventionist strategies to remove deficiencies and enhance quality like the "Quality Circles" in industries.

Objective

The primary aim of IQAC is

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

Strategies

IQAC shall evolve mechanisms and procedures for

- a) Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks;
- b) The relevance and quality of academic and research programmes;

- c) Equitable access to and affordability of academic programmes for various sections of society;
- d) Optimization and integration of modern methods of teaching and learning;
- e) The credibility of evaluation procedures;
- f) Ensuring the adequacy, maintenance and proper allocation of support structure and services;
- g) Sharing of research findings and networking with other institutions in India and abroad.

Functions

Some of the functions expected of the IQAC are:

- a) Development and application of quality benchmarks/parameters for various academic and administrative activities of the institution;
- b) Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process;
- c) Arrangement for feedback response from students, parents and other stakeholders on quality-related institutional processes;
- d) Dissemination of information on various quality parameters of higher education;
- e) Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles;
- f) Documentation of the various programmes/activities leading to quality improvement;
- g) Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices;
- h) Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality;
- i) Development of Quality Culture in the institution;
- j) Preparation of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC, to be submitted to NAAC.

Benefits

IQAC will facilitate / contribute

- a) Ensure heightened level of clarity and focus in institutional functioning towards quality enhancement;
- b) Ensure internalization of the quality culture;
- b) Ensure enhancement and coordination among various activities of the institution and institutionalize all good practices;
- c) Provide a sound basis for decision-making to improve institutional functioning;
- d) Act as a dynamic system for quality changes in HEIs;
- e) Build an organised methodology of documentation and internal communication.

Composition of the IQAC

IQAC may be constituted in every institution under the Chairmanship of the Head of the institution with heads of important academic and administrative units and a few teachers and a few distinguished educationists and representatives of local management and stakeholders.

The composition of the IQAC may be as follows:

1. Chairperson: Head of the Institution
2. A few senior administrative officers
3. Three to eight teachers
4. One member from the Management
5. One/two nominees from local society, Students and Alumni
6. One/two nominees from Employers /Industrialists/stakeholders
7. One of the senior teachers as the coordinator/Director of the IQAC

The composition of the IQAC will depend on the size and complexity of the institution. It helps the institutions in planning and monitoring. IQAC also gives stakeholders or beneficiaries a cross-sectional participation in the institution's quality enhancement activities. The guidelines given here are only indicative and will help the institutions for quality sustenance activities.

The membership of such nominated members shall be for a period of two years. The IQAC should meet at least once in every quarter. The quorum for the meeting shall be two-third of the total number of members. The agenda, minutes and Action Taken Reports are to be documented with official signatures and maintained electronically in a retrievable format.

It is necessary for the members of the IQAC to shoulder the responsibilities of generating and promoting awareness in the institution and to devote time for working out the procedural details. While selecting these members several precautions need to be taken. A few of them are listed below:

- ♦ It is advisable to choose persons from various backgrounds who have earned respect for integrity and excellence in their teaching and research. Moreover, they should be aware of the ground realities of the institutional environment. They should be known for their commitment to improving the quality of teaching and learning.
- ♦ It would be appropriate to choose as senior administrators, persons in charge of institutional services such as library, computer center, estate, student welfare, administration, academic tasks, examination and planning and development.
- ♦ The management representative should be a person who is aware of the institution's objectives, limitations and strengths and is committed to its improvement. The local society representatives should be of high social standing and should have made significant contributions to society and in particular to education.

The role of coordinator

The role of the coordinator of the IQAC is crucial in ensuring the effective functioning of all the members. The coordinator of the IQAC may be a senior person with expertise in quality aspects. She/he may be a full-time functionary or, to start with, she/he may be a senior academic /administrator entrusted with the IQAC as an additional responsibility. Secretarial assistance may be facilitated by the administration. It is preferable that the coordinator may have sound knowledge about the computer, its various functions and usage for effective communication.

Operational Features of the IQAC

Quality assurance is a by-product of ongoing efforts to define the objectives of an institution, to have a work plan to achieve them and to specify the checks and balances to evaluate the degree to which each of the tasks is fulfilled. Hence devotion and commitment to improvement rather than mere institutional control is the basis for devising procedures and instruments for assuring quality. The right balance between the health and growth of an institution needs to be struck. The IQAC has to ensure that whatever is done in the institution for “education” is done efficiently and effectively with high standards. In order to do this, the IQAC will have to first establish procedures and modalities to collect data and information on various aspects of institutional functioning.

The coordinator of the IQAC and the secretary will have a major role in implementing these functions. The IQAC may derive major support from the already existing units and mechanisms that contribute to the functions listed above. The operational features and functions discussed so far are broad-based to facilitate institutions towards academic excellence and institutions may adapt them to their specific needs.

Monitoring Mechanism

The institutions need to submit yearly the Annual Quality Assurance Report (AQAR) to NAAC. A functional Internal Quality Assurance Cell (IQAC) and timely submission of Annual Quality Assurance Reports (AQARs) are the Minimum Institutional Requirements (MIR) to volunteer for second, third or subsequent cycle’s accreditation. During the institutional visit the NAAC peer teams will interact with the IQACs to know the progress, functioning as well quality sustenance initiatives undertaken by them.

The Annual Quality Assurance Reports (AQAR) may be the part of the Annual Report. The AQAR shall be approved by the statutory bodies of the HEIs (such as Syndicate, Governing Council/Board) for the follow up action for necessary quality enhancement measures.

The Higher Education Institutions (HEI) shall submit the AQAR regularly to NAAC. The IQACs may create its exclusive window on its institutional website and regularly upload/ report on its activities, as well as for hosting the AQAR.

The NAAC Accredited institutions need to submit only the soft copy as word file (.doc/.docx) through e-mail (naac.aqar@gmail.com). The file name needs to be submitted with Track ID of the institution and College Name. For example MHC0GN16601-Samudra Arts and Science

College, Taliamegu-Maharashtra.doc. The Higher Education Institutions need not submit the printed/hard copy to NAAC. The acknowledgements would be sent to the institutions through e-mail.

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC. (Note: The AQAR period would be the Academic Year. For example, July 1, 2012 to June 30, 2013)

Part – A

1. Details of the Institution

1.1 Name of the Institution	Konkan Education Society's Anandibai Pradhan Science College, Nagothane.
1.2 Address Line 1	Bapusaheb Deshpande Educational Complex
Address Line 2	A/P- Nagothane, Tal- Roha, Dist- Raigad
City/Town	Nagothane
State	Maharashtra
Pin Code	402106
Institution e-mail address	principalapsc@yahoo.co.in
Contact Nos.	02194-222582
Name of the Head of the Institution:	Dr. Sandesh Suryakant Gurav
Tel. No. with STD Code:-	02194-222582
Mobile:-	8149375082

Name of the IQAC Co-ordinator:

Mobile:

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879) :- MHCOGN13963

1.4 Website address:-

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR201213.doc>

1.5 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	C ⁺	-	2005	5 years
2	2 nd Cycle	B	2.20	2011	5 years
3	3 rd Cycle	B ⁺	2.68	2017	5 years
4	4 th Cycle	-	-	-	-

1.6 Date of Establishment of IQAC: DD/MM/YYYY

1.7 AQAR for the year (for example 2010-11):-

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC (*for example AQAR 2010-11 submitted to NAAC on 12-10-2011*)

i. AQAR **2017-18** submitted to NAAC on **28-12-2018** (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

PG in Organic Chemistry + B.Sc., B.Sc.(Comp.Sc.), & B.Sc.(I.T.)

1.11 Name of the Affiliating University (*for the Colleges*)

Mumbai University

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University	-----	√	√
University with Potential for Excellence	-----	UGC-CPE	-----
DST Star Scheme	-----	UGC-CE	-----
UGC-Special Assistance Programme	-----	DST-FIST	√
UGC-Innovative PG programmes	-----	Any other (<i>Specify</i>)	-----
UGC-COP Programmes	-----		

2. IQAC Composition and Activities

2.1 No. of Teachers	09
2.2 No. of Administrative/Technical staff	01
2.3 No. of students	00
2.4 No. of Management representatives	01
2.5 No. of Alumni	02
2.6 No. of any other stakeholder and Community representatives	02
2.7 No. of Employers/ Industrialists	00
2.8 No. of other External Experts	00
2.9 Total No. of members	15
2.10 No. of IQAC meetings held	04

2.11 No. of meetings with various stakeholders: No. Faculty

Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

- Three days workshop on Yoga.
- One day workshop on Disaster management.
- Workshop on Purse and Folder making.

2.14 Significant Activities and contributions made by IQAC :

- College successfully faced NAAC for third cycle and re-accredited with grade **B⁺** and CGPA **2.68**
- DST-FIST project (Level-01) of Rs.-20 lakhs(sanctioned amount) is completed and the entire grants of Rs. 17 lakhs(grants received) is utilised under respective heads such as infrastructure, equipment and Computer Networking etc. till the end of this academic year.
- 10 Minor Research Projects were submitted to the various funding agencies .Out of that 03 Minor Research Projects are sanctioned by University of Mumbai of Rs.90,000/-
- College conducted Campus interview conducted by Vidhi dyestuff Ltd. Sudarshan Chemicals Ltd., Dhatav, Roha , RCF Alibag and RIL Nagothane. Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were selected off campus interview
- A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB.
- College conducted inter collegiate Debate and Elocution competition for students of Jr. and Sr. College in Roha Tehsil, Dist –Raigad.

2.15 Plan of Action by IQAC/Outcome:-

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Planning and Preparation of Organizing Taluka level Elocution and Debate competition	Taluka level Elocution and Debate competition has been conducted successfully on behalf of Panchayat Samitee, Roha, District-Raigad
NAAC visit was planned in the month of September	All the necessary preparation, presentation, execution worked out in proper direction and NAAC re-accreditation completed successfully by college with grade B ⁺ and CGPA 2.68.
DST-FIST project of Rs. 20 lakhs was sanctioned for college for 5 years .The project completion report has to be submitted to DST-FIST in time	The Project is completed within tenure of 5 years and the received grant of Rs. 17 lakhs under respective heads was utilised properly according all necessary audited documents prepared and submitted in time to DST-FIST before 31 st March 2018.
For exposure to research activities it is planned to increase more number of MRPs and teachers have to attend more number of conference and present more research projects	3 MRPs were sanctioned by University of Mumbai. Teachers attended 15 National, International conferences for their paper presentation.
More and more UG and PG students has to be placed in various chemical industries	College conducted Campus interview in association with Vidhi dyestuff Ltd., Sudarshan Chemicals Ltd., Dhatav, Roha, RCF Alibag and RIL Nagothane .Total 40 students (UG and PG) appeared and 12 students were selected on campus interview, whereas six students were selected off campus interview.
To start actual working on Air pollution project by MPCB	A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB.
To conduct workshop /Seminar/Conference	Successfully organised Workshop on Disaster management, Purse and folder making and Yoga.
To increase the number of MOUs	The ratio of MOU with Industries, Senior Colleges and Primary Health Centre is maintained.

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body Yes No
Management Syndicate Any other body

Provide the details of the action taken

- Construction for new building (G+2) is planned to expand infrastructure facilities
- MOU with Industries, Senior Colleges and Primary Health Centre is maintained
- Following workshops are organized
 - 3 days Workshop on Yoga Practice was organized in the month of February
 - One day workshop on Disaster Management
 - One day workshop on Consumer Guidance
- In this academic year Institute is selected by MPCB (Maharashtra pollution control Board) to measure air pollution due to chemical and pharmaceutical Industries in Raigad District .MPCB has sanctioned grant of Rs .8, 00,000/- to purchase equipments and remuneration per year. A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB
- Institute utilize research grant of Rs. 1700000/- from DST-FIST the purchase of equipments, infrastructure, books, computer and networking. The Project is completed within tenure of 5 years and all necessary audited documents are submitted in time to DST-FIST before 31st March 2018
- Industrial Visit and Study tour has been organised for the students to improve their practical knowledge.
- The lectures are organised on Industrial Safety, applications, the job opportunities by the industrial experts.

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	-	-	-	-
PG	01	-	01	02
UG	03	-	02	02
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	04	00	03	04
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	04
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

S. Y. B.Sc. (Regular), S.Y. B.Sc. (Comp. Sci.), S. Y. B.Sc. (I.T.), M.Sc. Part -I

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	14	08	05	-	01

2.2 No. of permanent faculty with Ph.D.

08

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year 2017-18	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	18	01	05	00	00	00	01	00	24	01

2.4 No. of Guest and Visiting faculty and Temporary faculty

07

02

10

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	01	15	12
Presented papers	01	15	10
Resource Persons	-	02	-

2.6 Innovative processes adopted by the institution in Teaching and Learning:-

- Teaching is made interesting with the help of structural & stereochemical models.
- Audio visible teaching techniques are strengthened by use of PPT, Short film
- Professional subject experts are invited for extra coaching from University and University Departments.
- Outreach programme like Projects, Industrial Visit, Botanical trip etc., are conducted efficiently.
- LCD-TV's are working for practical demonstration, instructions, job opportunities and current issues.
- Practical Orientation Programmes are Conducted for first year UG and PG students
- Students are motivated to participate in research festivals such as
 - Avishkar Research convention
 - National Youth Congress.
 - National/International Conferences.

2.7 Total No. of actual teaching days during this academic year 2017-18

194

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Bar coding
- Photocopy

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

02

Science

F. Y. / S.Y.B.Sc.
Chemistry

2.10 Average percentage of attendance of students

90 %

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
T.Y.B.Sc. Chemistry	106	11	40	29	10	84.90
T.Y.B.C.S.	20	-	04	04	02	50.00
T.Y. I.T.	28	02	07	03	-	42.86

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:-

- Preparation of Academic Calendar
- Individual teaching plans are prepared.
- Remedial coaching
- Feedback is taken from students and parents
- Internal & External Theory & Practical exam.
- Seminars & presentation for PG students.
- Lecture wise sign attendance is maintained.
- Parent teacher meeting is organised once in a year

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	01
UGC – Faculty Improvement Programme	01
HRD programmes	-
Orientation programmes	-
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	-
Summer / Winter schools, Workshops, etc.	-
Others	09

2.14 Details of Administrative and Technical staff:-

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	04	00	00	01
Technical Staff	07	00	00	01

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- To improve their practical knowledge, students are motivated to participate in research festivals such as
 - Avishkar Research convention.
 - National Youth Congress.
 - National/International Conferences.
 - Prerna bulletin is published which contains research articles of students.
- DST –FIST Projects was sanctioned for 5 years and it is completed in a given tenure period. The facilities generated through this project are very much useful for the Research activities of students and teachers.
- Following Consultancy services are working efficiently
 - Water Quality.
 - Soil Quality.
 - Bio-Fertilizers.
 - Save Electricity, Save energy.
- College Planned to organise Conference, Seminar and workshop.
- College Plans study tour, Industrial Visits for UG and PG students for giving them industrial exposure.
- Rangoli Competition was organised on Green Chemistry and made available for the students of College, Junior College, High school and Primary Section.
- M.O.U. with five industries, four senior colleges and one PHC is made for the industrial exposure and sharing knowledge and medical
- College conducted Campus interview conducted by Vidhi dyestuff Ltd., Sudarshan Chemicals Ltd., Dhatav, Roha, RCF Alibag and RIL Nagothane. Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were were selected off campus interview

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	03	10
Outlay in Rs. Lakhs	-	-	90,000/-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	04	04	-
Non-Peer Review Journals	02	04	-
e-Journals	-	-	-
Conference proceedings	01	14	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	2017-18	University of Mumbai	90,000/-	Nil
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	2017-18	University of Mumbai	90,000/-	Nil

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme
INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

Level	International	National	State	University	College
Number	-	-	-	-	-
Sponsoring agencies	-	-	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations:- International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:-

From funding agency From Management of University/College
Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	Granted	-
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
-	-	-	02	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="04"/>	State level	<input type="text" value="01"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.23 No. Of Awards won in NSS:

University level	<input type="text" value="01"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="--"/>	International level	<input type="text" value="-"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="-"/>	State level	<input type="text" value="-"/>
National level	<input type="text" value="-"/>	International level	<input type="text" value="-"/>

3.25 No. of Extension activities organized

University forum	<input type="text" value="-"/>	College forum	<input type="text" value="-"/>
NCC	<input type="text" value="-"/>	NSS	<input type="text" value="09"/>
		Any other	<input type="text" value="06"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

NSS activities:-

- Swachh Bharat Abhiyan- Preparation of toilets and urinals
- Blood group Check up Camp
- Haemoglobin Check up Camp
- Plantation
- Poster exhibition on HIV-AIDS
- AIDS awareness
- HIV-AIDS – blood testing
- Blood donation Camp.
- Awareness by Street Play, Rangoli, Poster exhibition.

WDC activities:-

- Shravansari
- Self employment skill development programme and preparation of decorative articles like flowers, bags, etc.
- Birth anniversary of Savitribai Phule
- International Women Day Celebration.
- Lecture and demonstration on Self defence.
- Workshop on Tailoring.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing (sq.m.)	Newly created	Source of Fund	Total
Campus area	2435.92	-	-	2435.92
Class rooms	528.71	-	-	528.71
Laboratories	703.95	-	-	703.95
Seminar Halls	101.17	-	-	101.17
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	426	06	Management & UGC	432
Value of the equipment purchased during the year (Rs. in Lakhs)	28,48,000	35,677	Management & UGC	28,83,677
Others	-	-	-	-

4.2 Computerization of administration and library:-

- Office, Library are Computerised with internet and Wi-Fi Connection.
- N-list software is introduced in the library for searching e- books, references and research papers.
- Computer & internet facilities to staff teachers & students
- Provide LCD TV for practical demonstration
- Provide Laptop to all HOD's and in-charge
- RESULT 9- Examination software is used for preparation of college examination results.
- Digital University link (www.mum.digitaluniversity.ac.in) is used to for admission Enrolment. Eligibility, examination forms, Hall tickets etc., Examination fees, students share contribution are also paid online through this portal.

4.3 Library services:-

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	895	99,300	130	18340	1025	1,17,640
Reference Books	7353	17,29,478	90	55988	7443	17,85,466
e-Books	-	-	-	-		
Journals	48	22795	16	20900	64	43,695
e-Journals	-	-	-	-	-	-
Digital Database (N-List-INFLIBNET)	84237	5000	-	5725	-	5725
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	32	02	24	24	04	04	05	00
Added	01	00	00	00	00	00	00	01
Total	33	02	24	24	04	04	05	01

4.5 Computer, Internet access, training to teachers and students and any other programme for technology Upgradation (Networking, e-Governance etc.)

- Computer training to teaching staff and PG students
- Free internet access provided to PG students
- Workshop on Power Point Presentation to PG students

4.6 Amount spent on maintenance in lakhs:

i) ICT	1, 48,000/-
ii) Campus Infrastructure and facilities	2, 36,912/-
iii) Equipments	-
iv) Others	12,835/-
Total:-	3, 97,748/-

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- ST Pass are provided to backward students
- Scholarships are given to backward students
- Computer / Internet facilities provided to staff & students
- Extra lectures and repetition of practical's are conducted for slow learners.
- Old question papers and their solutions discussed with fast learners.

5.2 Efforts made by the institution for tracking the progression

- Unit test for T.Y. B. Sc. & M.Sc.-I & II students
- Campus interview are conducted for UG & PG students
- Lectures on how to face interview & safety & environment are arranged by experts from industry
- Industrial visits are arrange to gives exposure to students & staff about industry.
- Botanical tours are arranged for Biology students.
- Group discussion and seminars are conducted for UG and PG students.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
490	39	-	-

(b) No. of students outside the state

00

(c) No. of international students

Nil

Men	<table border="1" style="width: 100%; text-align: center;"> <tr> <th>No</th> <th>%</th> </tr> <tr> <td>194</td> <td>39.60</td> </tr> </table>	No	%	194	39.60	Women	<table border="1" style="width: 100%; text-align: center;"> <tr> <th>No</th> <th>%</th> </tr> <tr> <td>296</td> <td>60.40</td> </tr> </table>	No	%	296	60.40
No	%										
194	39.60										
No	%										
296	60.40										

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
264	41	7	200	02	514	270	45	6	208	-	529

Demand ratio:-98%

Dropout % - 2 %

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- Orientation Programme for competitive examinations are conducted by the experts Such as Mr. Suhas Patil, Mrs. Manisha Lopez, Mr.Vicky David.
- Guest Lecturers on different topic such as Maths, IQ, Current affairs etc., are conducted.
- Dr. Ganesh Bhagure has given Lecture on Carrier opportunity after Graduation and Mrs.Prachi Deshmukh has given guidance talk on MBA Examination.
- Students are motivated to appear for different exams such as Staff selection, MPSC, Banking, etc., by giving them prior intimation.
- The examination forms for various competitive exams are filled up by the placement cell.20 students appeared for staff selection examination.

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="01"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

5.6 Details of student counselling and career guidance

For preparation of competitive exams

- Lectures are organised by experts- Mr. Suhas Patil, Mrs. Manisha Lopez, Mr.Vicky David.
- Awareness of competitive exams & job opportunity
- College conducted Campus interview conducted by Vidhi dyestuff Ltd. , Sudarshan Chemicals Ltd., Dhatav, Roha , RCF Alibag and RIL Nagothane .Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were selected off campus
- Lecture on Carrier Opportunity Programme by Dr.Bhagure
- Lecture on Preparation of MBA by Mrs. Prachi Deshmukh
- Lectures on Preparation of MPSC and UPSC by alumni Mr. Umesh Patil

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
04	40	12	06

5.8 Details of gender sensitization programmes:-

College has Women's development cell and its conducts following gender sensitization programmes

- Visit to Zilha Parishad Kanyashala and Kendriya Shala for distribution of mattresses (06) and chocolates to girl students
- Organization of self employment courses such as beautician and purse & folder making course for girl students of college.
- Oral presentation on women status in India for girl students
- Celebration of International Women's day at Nagothane Police station. Seminar on Cyber crime and girl safety was organized and students were guided by police officer Mrs. Asmita Mhatre & Mr. Shailesh Mahadik.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	02	950
Financial support from government	112	11,13,175/-
Financial support from other sources(University)	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: - Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution:-

- **Motto-** Self respecting human being has nothing to do with the sorrows and joys, whatever will be the outcome of his well doings.
- **Objectives-** The torch of knowledges to be lighted . The red colour of the flag symbolized the change , the revolution
- **Vision-** Avail the facility of education to the down trodden Community for development of society.
- **Mission & Goals of the College-**
- Education for all is the mission of Konkan Education Society and vis-a-vis College. The college is committed to provide quality higher education, particularly in science to bring about the Social change in this rural area.
The college renders access to education to the students coming from humble background and the first generation learners.

6.2 Does the Institution has a management Information System

- LMC include the members from management, local bodies, staff (teaching & non-teaching) & social worker. Annual budget is sanctioned in LMC meeting. Quarterly auditing system exists. Annual statements of all accounts are submitted to government in time.
- Student admission is given strictly on merit & according to reservation criteria laid down by government of Maharashtra.
- Student records are maintained by digital college software provided by MKCL.
- Choice Based Credit & Grading System is implemented from 2011-12 & from 2016-17, 100% external examination pattern has been started.
- Use of ICT is working for theory, practical's and Projects
- Scholarships are sponsored to the economically backward students.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

S. Y.B.Sc. (Regular), S. Y.B.Sc. Comp. Sci., S. Y.B.Sc. I.T. syllabus pattern changed with 75:25 proportion of external & internal assessment kept for B.Sc.(IT) and 100% external pattern started for S.Y.B.Sc. (Regular)

6.3.2 Teaching and Learning

- ICT teaching procedures to be strengthen for theory & practicals
- Audio visible teaching techniques are used.
- Teaching aids such on specific models and charts are used.
- Professional subject experts are invited for extra guidance and solutions
- Computer training to teachers & students is provided
- Internet and Wi-Fi services are provided to staff and students.
- Flow Chart diagrams and periodic tables are displayed in laboratories.

6.3.3 Examination and Evaluation

- Choice Based Credit & Grading System is implemented from 2011-12
- Semester examination pattern system for Theory and Practical is introduced
- 75:25 pattern of external & internal assessment is introduced
- For preparation of results the examination software is used .
- Student records are maintained by digital college software provided by MKCL.
- S. Y.B. Sc. (Regular), S. Y.B. Sc. Comp. Sci., S. Y.B. Sc. I.T. syllabus pattern changed with 75:25 proportion of external & internal assessment kept for B.Sc.(IT) and 100% external pattern started for S.Y.B.Sc. (Regular)
- CAP centre is given to the institute for online assessment of University last year examinations of and UG and PG courses.
- The facility of online downloading of all Question Papers of University theory examinations of UG and PG courses is available for all semesters.

6.3.4 Research and Development

- 10 MRPs are submitted to University of Mumbai and 03 MRPs are sanctioned by University of Mumbai with outlet of 90,000/-
- Teachers attended 15 National, International conferences for their paper presentation.
- To improve their practical knowledge, students are motivated to participate in research festivals such as
 - Avishkar Research convention
 - National Youth Congress
 - National/International Conferences.
 - Prerna bulletin is published which contains research articles of students of student.
- DST –FIST Projects was sanctioned for 5 years and it is completed in a given tenure period. The facilities generated through this project are very much useful for the Research activities of students and teachers.
- Following Consultancy services are working efficiently
 - Water Quality
 - Soil Quality
 - Bio-Fertilizers
 - Save Electricity, save energy.
- College Planned to organise Conference, Seminar and workshop.
- College Plans study tour, Industrial Visits for UG and PG students for giving them industrial exposure
- Rangoli Completion was organised on Green Chemistry and made

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Library is well equipped with the special reading rooms , reference books, special reading room for staff & PG students
- Free internet facilities are provided to staff , PG and UG students for reference work
- LCD projectors are used for theory lecturer and demonstration of practicals.
- N- list and INFLIBINET software's are introduced in the library.
- CAP centre is given to the institute for online assessment of University last year examinations of and UG and PG courses.
- The facility of online downloading of all Question Papers of University theory examinations of UG and PG courses is available for all semesters.
- Instrument such as Flame Photometer, Spectrophotometer, Microwave Oven Digital Balance, Turbidimeter, Water Distillation Unit, Colourimeter, pH- meter, Conductometer, Potentiometer, are well equipped in a research laboratory.
- Construction of a new building including a class room of area 1000 sq.m. & two laboratories has completed.
- Construction of two new Chemistry Laboratory is completed and is available for working.

6.3.6 Human Resource Management

- Advertisement for call is publishing in the daily news papers.
- NOC for the particular cast is taken from the University of Mumbai
- Interview is taken in presence of the panel given by University of Mumbai

6.3.7 Faculty and Staff recruitment

Four CHB teachers are recruited in Regular B.Sc. Degree and seven CHB teachers are recruited in B.Sc. Computer Science and I.T. and CHB teacher is recruited for B.Sc. Physics.

6.3.8 Industry Interaction / Collaboration

- M.O.U. with five industries, four senior colleges and one PHC is made for the industrial exposure and sharing knowledge and medical
- College conducted Campus interview conducted by Vidhi dyestuff Ltd. , Sudarshan Chemicals Ltd., Dhatav, Roha , RCF Alibag and RIL Nagothane .Total 40 students(UG and PG) appeared and 12 students were selected on campus interview ,whereas six students were were selected off campus interview
- Lectures on How to face interview & industrial safety, environment and management are arranged by experts from industry.
- Industrial visits are arrange to gives exposure to students & staff about industry

6.3.9 Admission of Students

- Admission committee is formed for the admission process
- Online admission system is working smoothly for all UG and PG courses.
- Admissions are given to the students as per the merits of marks only
- Admission process follows all the rules and norms of the merits governed by University and Government of Maharashtra.
- Three merit list are displayed along with the waiting list of the students in advanced before actual admissions

6.4 Welfare schemes for

Teaching	√
Non teaching	√
Students	√

6.5 Total corpus fund generated

10,000/-

6.6 Whether annual financial audit has been done

Yes No

6.7 Whether Academic and Administrative Audit (AAA) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	-----	Yes	-
Administrative	No		Yes	K.E.S. Alibag

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Choice Based Credit & Grading System(CBSGS) is implemented from 2011-12 for UG and PG courses
- F.Y./ S. Y./ T.Y. B.Sc.(IT) syllabus pattern changed with 75:25 proportion of external & internal assessment
- F.Y./ S. Y./ T.Y. B.Sc.(Regular) syllabus pattern changed to 100% external assessment
- PG syllabus pattern changed with 40:60 proportion of external & internal assessment
- Semester examination pattern system for Theory and Practical is working.
- CAP centre is given to the institute for online assessment of University last year examinations of and UG and PG courses.
- The facility of online downloading of all Question Papers of University theory examinations of UG and PG courses is available for all semesters.
- The result of degree examination are declared after 30 days of completion of examination

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

University promote the autonomy in the affiliated colleges by special states

6.11 Activities and support from the Alumni Association

- Meetings of alumini is arranged at the end of each semester
- Few alumni share their experience with the present students in the "Talk-show" organized by alumini association
- Get together party of alumni of 2008-09 batch is organized in the month of December. Aluminis share their experience and enjoy the cultural programme with special lunch.
- Alumni are felicitated in the Alumni Cultural Function once in a year.

6.12 Activities and support from the Parent – Teacher Association

- Meeting of parents with staff is arranged at the end of academic year.
- The agenda of meeting includes the progress, attendance of the ward.
- The future plan and opportunity in educational field is discussed in the meeting of Parent – Teacher Association.

6.13 Development programmes for support staff

- College encouraged the staff and students for research activity such as MRPs and other projects
- 3 Minor Research Projects are sanctioned & 40 papers are presented in National Conference
- Three Assistant Prof. And one Lab Assistant Working for Ph.D. degree.
- Staff members are encourages two attend workshop, seminars, OC, RC and conferences.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Use of plastic carry bag is prohibited in the campus
- Students are encourage to use public transport service instead of there own vehicle
- Micro-scale and green techniques are adopted in laboratory work wherever possible
- Tree plantation programme is organized by NSS unit of the college to make green and cool campus

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- The number of research exposure publications & MRPs are increased
- To overcome the difficulties in infrastructure construction of two new buildings are planned.
- The number of ‘MOU’ with neighbouring chemical industries, colleges and PHC centre are strengthening.
- Successfully organised Workshop on Purse and folder making and beautician under women development cell.
- To enhance the indoor and outdoor Sports facilities
- Following Consultancy services are working efficiently
 - Water Quality
 - Soil Quality
 - Bio-Fertilizers
 - Save Electricity, Save energy.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- NAAC visit was planned in the month of September .All the necessary documents preparation, presentation, execution worked out in proper direction and NAAC re-accreditation completed successfully by college with grade B⁺ and CGPA 2.68.
- 10 Minor Research Projects are submitted to University & 3 are sanctioned. 40 research articles are presented in National and International Conference
- A new building including a class rooms and two laboratories are constructed and made available for working.
- The ratio of MOU with nearby industries & colleges is maintained perfected
- MOU is done with 5 Industries, 3 Senior Colleges and 1 Primary Health Centre.
- Following consultancy services are started and working efficiently.
 - Water Quality
 - Soil Quality
 - Bio- Fertilizers
 - Save electricity, Save energy
- Planning and Preparation of Organizing Taluka level elocution and Debate competition.Taluka level elocution and Debate competition has been conducted successfully on behalf of Panchayat Samitee, Roha.
- DST-FIST project of Rs. 20 lakhs was sanctioned for college for 5 years .The project completion report has to be submitted to DST-FIST in time
- The Project is completed within tenure of 5 years and the received grant of Rs. 17 lakhs under respective heads was utilised properly according all necessary audited documents prepared and submitted in time to DST-FIST before 31st March 2018

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

- To enhance the Research activities for the students and the staff
- To improve the library facility with respect to internet, WI-Fi etc.,
- To strengthen activities of Women's development cell
- To organised National Level Seminar and Conference.
- To strengthen consultancy services for social issues.

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- Micro scale and green technique are adopted in laboratory work where possible.
- Tree plantation Programme is organised by NSS Unit of the College to make green and cool campus
- Poster exhibition on eco-friendly Ganesh Festival.
- A rally was organised for the save tree.
- Street play was Organised on Industrial Waste

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

- College successfully faced NAAC for third cycle and re-accredited with grade **B⁺** and CGPA **2.68**.
- DST FIST sanction grants of Rs. 20 lakhs for Purchasing and maintenance of science equipments. Out of that Rs. 17 lakhs received and utilised for purchase of equipments, Books and computer networking
- Project completion report and audited supporting documents are submitted to DST FIST Office.
- College water polo team got bronze medal in Intercollegiate aquatic zonal tournaments of University of Mumbai
- Following workshops are organized
 - 3 days Workshop on Yoga Practice was organized in the month of February
 - One day workshop on Disaster Management
 - One day workshop on Consumer Guidance.
- A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by Maharashtra Pollution Control Board.(MPCB)

8. Plans of institution for next year

- 1) To Organise National Level Conference.
- 2) To Organise District Level Youth Festival.
- 3) To start the certificate course in Physics, Botany and Zoology.
- 4) Infrastructure facilities to be strengthened.

Name:-**Dr. Dinesh Vasant Bhagat**



Signature of the Coordinator, IQAC



Name: - **Dr.Sandesh Suryakant Gurav**



Signature of the Chairperson, IQAC

PRINCIPAL
K.E.S. A. P. Science College
Nagothane, Dist. Raigad (M.S.)

Annexure I

Abbreviations:

CAS	-	Career Advanced Scheme
CAT	-	Common Admission Test
CBCS	-	Choice Based Credit System
CE	-	Centre for Excellence
COP	-	Career Oriented Programme
CPE	-	College with Potential for Excellence
DPE	-	Department with Potential for Excellence
GATE	-	Graduate Aptitude Test
NET	-	National Eligibility Test
PEI	-	Physical Education Institution
SAP	-	Special Assistance Programme
SF	-	Self Financing
SLET	-	State Level Eligibility Test
TEI	-	Teacher Education Institution
UPE	-	University with Potential Excellence
UPSC	-	Union Public Service Commission

Academic Calendar 2017-18

Ist term June 2017 - October 2017	
June	Starting of S.Y.B.Sc. and T.Y. B.Sc. admission process Filling of all concession and scholarship forms Celebration of International Yoga Day (21 st June) To conduct “Certificate Courses.”
July	Online submission of enrolment forms of F.Y. B.Sc. /CS/IT Submission of all concession and scholarship forms Selection and Enrolment of NSS and DLLE Selection of students for various University Level Activities To organize District Level Workshop on NET/SET Exam (II nd week) M.Sc. Part - I admission process To conduct Campus interview for UG and PG students
August	Formation of Student Council (I st week) Freshers Party for new admitted students (II nd week) Celebration of Dr. S.R. Ranganathan Jayanti & Orientation programme for students (12 th August) Celebrations of Independence Day Saddhabhavana Pride (20 th August) NSS Orientation Programme for fresher’s Volunteers (III rd week) Blood Group check up Camp (III rd week) To arrange Invitee talk regarding Competitive Exam (III rd week) Publication of Science bulletin <i>PRERNA</i> (IV th week) III rd /V th Sem Internal Exam (IV th week) To conduct Taluka Level elocution and Debate Competition
September	Celebration of NSS day & University day Filling forms for I st /III rd /V th Sem College/University Exam Poster exhibition by NSS, DLLE & WDC on Global Issues like “Save Girl Child & Health and Hygiene” Submission of Internal Exam Mark list
October	Celebration of Gandhi Jayanti (2 nd Oct.) To organize Guidance Talk on competitive exams (I st week) I st /III rd /V th Sem Practical Exam III rd /V th Sem Theory Exam
Winter Break October 2017 –November 2017	
IInd term November 2017-April 2018	
November	I st . sem University Theory Exam (I st week) NSS Residential Camp (7 days) (II nd week) M.Sc. Sem I & Sem III- Theory Exam

	M.Sc. Sem I Practical Exam
December	To organize AIDS Awareness programme (1 st week)
	Celebration of Foundation Day of K.E.S. (18 th Dec)
	To organize Parents Teacher Meet (II nd / III rd week)
	To organize State Level Workshop (II nd / III rd week)
	College Annual Sports (II nd week)
	Annual Cultral Programme & Gathering (III rd week)
	Study Tour by Botany/Zoology Department (IV th week) & Industrial visit by Chemistry department.
	Filling of exam forms for T.Y. B.Sc. Sem. VI
	To Organise District Level workshop on revised pattern of NAAC
	X-Mas Vacation 25th December 2016 – 01st January 2017
January	Declaration of Result College exam
	Celebration of Savitribai Phule Jayanti
	Blood Donation Camp (3 rd week)
	To organize Workshop on Purse and folder making
	Celebration of Republic Day
	To arrange various Social Awareness Programme by NSS student
	To arrange District Level Elocution competition on Swatchatamitra , organized by Roha Tehsil
	Annual Prize distribution and Convocation ceremony (IV week)
February	IV th & VI th Sem. Internal Exam
	To organize workshop on Yoga.
	To organize Industrial Visit (II nd week)
March	VI th Sem University Practical Exam
April	II nd /IV th /VI th Sem. University & College Theory Exam
	M.Sc. Practical Exam
	Assessment of paper
May	Declaration of college exam Result (1 st week)
	Advertisement for recruitment of staff

Plan of Action by IQAC/Outcome

Plan of Action	Achievements
Planning and Preparation of Organizing Taluka level Elocution and Debate competition	Taluka level Elocution and Debate competition has been conducted successfully on behalf of Panchayat Samitee, Roha, District-Raigad
NAAC visit was planned in the month of September	All the necessary preparation, presentation, execution worked out in proper direction and NAAC re-accreditation completed successfully by college with grade B ⁺ and CGPA 2.68.
DST-FIST project of Rs. 20 lakhs was sanctioned for college for 5 years .The project completion report has to be submitted to DST-FIST in time	The Project is completed within tenure of 5 years and the received grant of Rs. 17 lakhs under respective heads was utilised properly according all necessary audited documents prepared and submitted in time to DST-FIST before 31 st March 2018.
For exposure to research activities it is planned to increase more number of MRPs and teachers have to attend more number of conference and present more research projects	3 MRPs were sanctioned by University of Mumbai. Teachers attended 15 National, International conferences for their paper presentation.
More and more UG and PG students has to be placed in various chemical industries	College conducted Campus interview in association with Vidhi dyestuff Ltd., Sudarshan Chemicals Ltd., Dhatav, Roha, RCF Alibag and RIL Nagothane .Total 40 students (UG and PG) appeared and 12 students were selected on campus interview, whereas six students were selected off campus interview.
To start actual working on Air pollution project by MPCB	A team of PG students along with Teacher in-charge successfully completed training of one week for Air pollution and control by MPCB.
To conduct workshop /Seminar/Conference	Successfully organised Workshop on Disaster management, Purse and folder making and Yoga.
To increase the number of MOUs	The ratio of MOU with Industries, Senior Colleges and Primary Health Centre is maintained.

Annexure IV

F.Y.B.Sc.

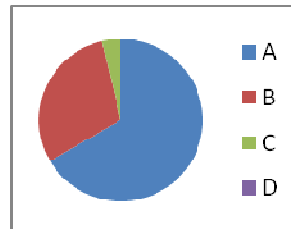
2016-17

Feedback form for subject:- Chemistry (54)

A-Excellent,B-Very good,C-Good,D-Average

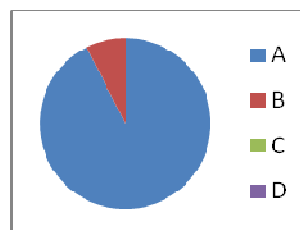
1) Parameter-Depth of the course content including project work

A	36
B	16
C	2
D	0



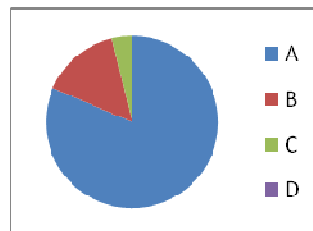
2) Parameter-Extent of coverage of course

A	50
B	4
C	0
D	0



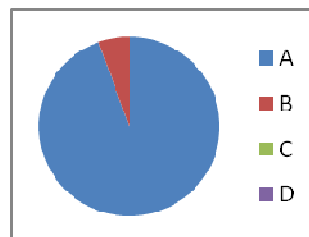
3) Parameter-Applicability to real life situation

A	44
B	8
C	2
D	0



4) Parameter-Learning value(in terms of knowledge, concepts, manual skill, Analytical ability)

A	51
B	3
C	0
D	0

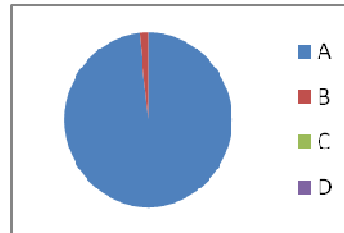


Feedback form for Teacher (2016-17)

Dr.S.D.Patil (59 forms)

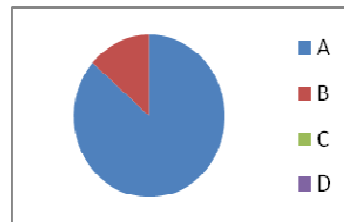
1) Knowledge base of the teacher

A	58
B	1
C	0
D	0



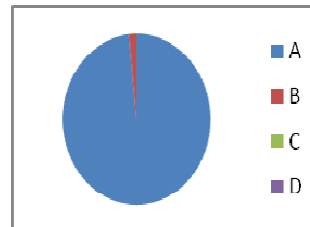
2) Communication Skill

A	51
B	8
C	0
D	0



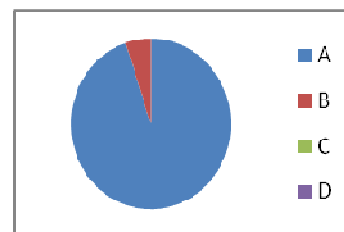
3) Sincerity/Commitment of the Teacher

A	58
B	1
C	0
D	0



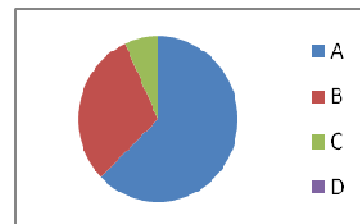
4) Interest generated by the Teacher

A	56
B	3
C	0
D	0



5) Ability to integrate course material with environment

A	37
B	18
C	4
D	0

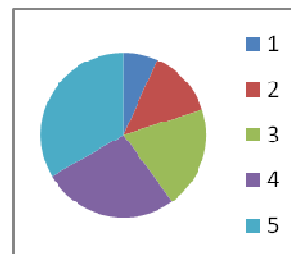


Infrastructure (82) F.Y.B.Sc 2016-17

1-Excellent, 2-Very good, 3-Good, 4-Average
5-Below average.

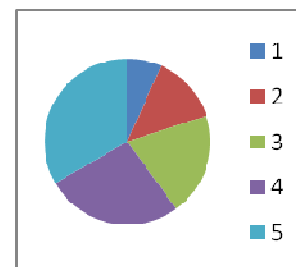
1)Sports facilities in college

1	4
2	4
3	46
4	13
5	15



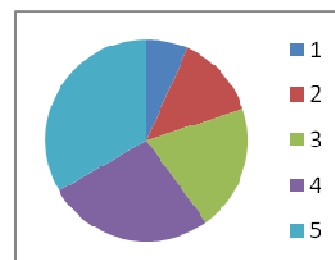
2) Extra-Curricular activities in college

1	4
2	2
3	22
4	22
5	32



3)Security and proctorial services in college

1	9
2	2
3	40
4	15
5	16



4)Toilets/Washroom are hygiene and properly maintained

1	4
2	6
3	19
4	47
5	6

