



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
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- 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 Number of full time teachers during the year	26
File Description	Documents
Data Template	View File
3.2 Number of Sanctioned posts during the year	33
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)	183.92531
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	
<p>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.</p>	

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
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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:

- 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

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

A. All of the above

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: 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