SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

KONKAN EDUCATION SOCIETY'S ANANDIBAI PRADHAN SCIENCE COLLEGE

BAPUSAHEB DESHPANDE EDUCATIONAL COMPLEX, NAGOTHANE, TALUKA-ROHA, DISTRICT-RAIGAD.
402106
www.apcnagothane.edu.in

SSR SUBMITTED DATE: 02-08-2023

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

August 2023

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Konkan Education Society's Anandibai Pradhan Science College in the Bapusaheb Deshpande Educational Complex, Nagothane was inaugurated on 21st March 1992 at the hands of Shri Shankar Dayal Sharma, then the Vice president of India. Shri. Ram Pradhan former Governor of Arunachal Pradesh, former Secretary of Central Government and former Chief Secretary of Maharashtra State are one of the main patrons of this college. **Loknete Late Adv. Shri Datta Patil** and **Late Shri. Bapusaheb Deshpande** is the founder of the college. Now **Hon**. **Shri Sanjay Datta Patil** is Shouldering the responsibility as President of Konkan Education Society Alibag with **Hon**. **Adv. Siddharth Sanjay Patil** as a Secretary of Society.

The Konkan Education Society Alibag, Raigad is a leading and one of the oldest Educational institutions in the Konkan region and in Maharashtra, which has received the **"Adarsh Shikshan Sanstha"** Award by the Government of Maharashtra for remarkable work in the education and social field in the Year 2002-2003.

In Continuation of the march of the spreading of education, the society celebrated the "Silver Jubilee" Year on 18 December 1944 in the auspicious presence of the great educationist **Dr. Sarvapalli Radhakrishnan.**

The college is Re-Accredited by National Assessment and Accreditation Council (NAAC), Bangalore with a 'B+' Grade. The college is recognized by UGC under 12(B) and 2(f) and we are getting the UGC grant in aid for college development.

The college is recommended by the Department of Science & Technology. Govt. of India for **DST-FIST Programme** for Development of Infrastructure for Research. Principal Dr. Sandesh S. Gurav received the "Dr. A.P.J. Abdul Kalam Life Time Achievements National Award" for remarkable achievements in Teaching, Research & Publications on 24 Feb. 2018, from the international institute for Economic & Social Reforms, Bangalore. He has also received **State Level Best Principal Award** from the Department of Higher ofTechnical Education and Department of Information Technology Govt. of Maharashtra in 2021-22 under the activity 'Carrier Katta'.

The college has received **Best College Award** in the Mumbai region for the year 2022-23 for the 'Carrier Katta'. Dr. Vilas R. Jadhavar has been awarded as the **best Taluka Co-ordinator** by the government of Maharashtra

Vision

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.

Mission

"Education for all" is the mission of Konkan Education Society and vis à vis College.

A large-scale higher education institution in a rural location can make a significant contribution to local development and rural public promotion. The institution has always demonstrated a readiness to accept new practices for the enrichment of values among staff members and students to make them better citizens, despite the lack of a decent infrastructure. As a result, all of our college's professors and students are strengthened to partake in social events. Additionally, the college actively participates in the local community and provides all forms of assistance to the neighboring community

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Being a Part of the Konkan, Education Society, Alibag renowned institution with a legacy of 30 years of imparting education to the downtrodden sections of society. Visionary and committed management.
- Eco-friendly campus of 4 acres and academic ambiance conducive for teaching learning.
- Academic flexibility through UG and PG, programmes
- Best results at the University examination for UG and PG courses
- Qualified, committed, experienced and techno-savvy faculties.
- 100% facilities holding Ph.D. degree
- Effective leadership with proactive management,
- Transparent governance and decentralized administration.
- Glorious Journey of 30 years in socio-economic upliftment of the masses.
- Spacious Sports Complex with an ideal playground.
- Proactive Alumni Association and its active involvement in the development of the college.
- Ideal physical infrastructure and envirenvironment-friendlyus.
- Enriched Library and ICT facilities.
- Sophisticated Instrumental and non-instrumental laboratories equipped with advanced instruments for UG and PG courses.
- Effective linkages and MoUs with academician, Industry, P.H.C. etc.,

Institutional Weakness

- High Student-Teacher ratio as per the government admission policy, which hampers classroom interaction.
- Students with weak communication skills in English due to vernacular background upto higher secondary education.
- Appointment of faculty, Physical Director and non-teaching staff on temporary basis due to delay in

recruitment of staff by the state government.

- Limited scope and interdisciplinary/multidisciplinary approach for curriculum design and development due to university prescribed curriculum.

Institutional Opportunity

- Collaborating with different multi-national companies.
- Enhancing Research and Industry-Institute interface through definite MoUs.
- Starting new professional courses like Animation, Event Management, Hospitality, Stock Market and Software Development.
- Strengthening the experience-based, industry-based and real-time application learning process.
- Starting new UG courses in the subject of Physics, Botany and Zoology

Institutional Challenge

- Generation of financial resources for infrastructure development for futuristic needs.
- Sustain academic performance of the students at university examinations due to delay in recruitment of faculty by the state government.
- Preparation of the syllabus content more friendly to industry and competitive exams.
- Avail research and development grants from the university and UGC.
- Opportunities of better placement to students in different sectors.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The College offers 03 Under-Graduate Programmes and 01 Post-Graduate Programmes

In all **204** courses/papers are offered by the college across UG and PG level programmes.

Choice Based Credit System (CBCS) is implemented at UG and PG level programmes as per the guidelines of UGC and University of Mumbai. The Programmes are run to achieve stated Vision, Mission and Objectives of the college as per the values propounded by the parent institution.

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal evaluation. 09 Certificate/Diploma/Career Oriented/Skill Based courses were offered during the last five years. 639 students were enrolled in Certificate/Diploma/Career Oriented/Skill Based courses during the last five-years.24.79 % students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years.

The college integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum of UG and PG Programmes.

248 students undertook project work/field work /internships in the latest completed academic year 2021-22.

Percentage of students undertaking project work/field work/ internships in the year was 46.88.Curriculum of traditional UG and PG level programmes is designed by University of Mumbai with stated Programme and Course Outcomes. The academic departments of the college has prepared Programme Outcomes and Course Outcomes as per the curriculum of respective domain subject. The college obtained feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers and Alumni and action taken report on the feedback is made available on institutional website.

Teaching-learning and Evaluation

The institution works as per its vision statement: "Education to students in the down trodden Community for development of Society through Quality Education". The college ensures quality education to all classes of society as per its vision statement through provision of required facilities for effective teaching, learning and evaluation processes adopted. The majority of students enrolled in the college belong to backward sections of the society; hence, the college takes sincere efforts to uplift their socio-economic standard by providing quality education. 81.57 % students are enrolled against sanctioned seats during the assessment period. The college strictly follows reservation policy for admissions of students laid down by the State Govt. of Maharashtra. 78.69% seats were filled against seats reserved for various categories as per applicable reservation policy during the last five years.

Student – Full time Teacher Ratio during the latest completed academic year was 1:20.35

The faculty members of college have adopted and implemented various teaching methods to make learning more student-centric. The college provides support structures and systems for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students. The various experiential learning methods, participative learning method, problems solving

method are adopted by faculty members to make the teaching-learning process more students centric and enhance learning experiences. (Kindly refer 2.3.1)

The college has experienced and qualified faculty. Percentage of full-time teachers against sanctioned posts during the last five years was 78.18%. Further, percentage of full time teachers with

NET/SET/SLET/ Ph. D. qualification during the last five years was 43.41%.

The college is keen towards its evaluation process and reforms as per the guidelines of University of Mumbai. It adopts transparent mechanism for internal/external assessment. The grievance redressal system adopted by the college is time- bound and efficient. (Kindly refer 2.5.1)Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on institutional Website. The Attainment of POs and COs are evaluated through formal and informal methods.

Pass percentage of Students during last five years is 89.71%.

The IQAC of the college has institutionalized the Student Satisfaction Survey to avail feedback on the teaching, learning and evaluation process and measure the satisfaction level of the students. The IQAC conducted Student Satisfaction Survey every year during the assessment period and took corrective measures for quality improvement and its sustenance.

Research, Innovations and Extension

The college has received a grant of Rs. 22.4 Lakhs from Government and non-governmental agencies for research projects/endowments in the institution during the last five years.

The college has created an ecosystem for innovations and taken initiatives for the creation and transfer of knowledge. The faculty of the college has filled 01 Patent.

The College has 03 recognized Ph.D. research Guides in the subjects of Chemistry and Botany There are separate laboratories in the college for UG and PG [M.Sc. in Chemistry]

13 workshops/seminars/conferences/webinars were conducted during the last five years.

The faculty members published in all 77 research papers in National International Journals during the last five years. 21 books and chapters in edited volumes/books and papers in national/ international conference proceedings were published during last five years.

175 extension and outreach activities were carried out in the neighbourhood community sensitizing students to social issues for their holistic development by Academic departments and support services like NSS and WDC (Kindly refer 3.4.1)

18 awards /recognitions have been accorded by government/ government recognized bodies to the college and faculty for extension activities during last five years. (Kindly refer 3.4.2)

Through 25 MOUs collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities were fostered by the college during the last five years.

Infrastructure and Learning Resources

The College has located on Mumbai- Goa Highway. The total area of plot used for college building is 1832.13 sq. m. Detail of open space on the four side of college building is 2725.50 sq. m. There is an adequate physical infrastructure in terms of classrooms, laboratories, and library and computer labs to cater to the academic needs of all the students. There are 9 ICT enabled classrooms and a seminar hall with seating capacity of 210 for organisation of functions, meeting, seminars, conferences.

The college has two separate building first building occupied with Administration office, Principal Cabin, IQAC Centre, Exam Section, Chemistry UG, PG Laboratories, 2 Computer lab with 52 Computers for CS/IT courses, Library, 6 classrooms

The second building of college has Botany, Zoology, Physics laboratories and 3 classrooms.
There are 62 computers in the college 52 computer used for CS/IT lab 3 computer used for library, 2 for departments, 2 for examination, 3 for administration office.

The college also have separate building for Gymkhana and indoor sport.

VARIOUS SECTION AND CENTRE: The college has Health Center, Canteen facility, HOD Cabins, NSS office, Examination Section, Reprographic Centre in library, Common staff rooms, Ladies Rooms, Separate Girls and Boys common rooms, , separate Parking facility for staff and students.

LIBRARY: The Institute has separate library at first floor of first building of college. The total area of library building is 2000 sq. ft. the total books collection of library is 8913.

SPORT FACILITIES: The Total area of sport complex is 190 sq. m. The Total area of playground is 27.25.50 sq. m. The Sports Complex is equipped with Multigym Unit.

Indoor Games: Table tennis, Chess, Carom, Warming exercise.

Outdoor Games: Cricket, Volleyball, Kabaddi, Kho-Kho, , Long Jump, High Jump and running.

Infrastructure available for Cultural activities: The College has a proactive cultural committee. The committee organizes different cultural events under Arts Circle and Youth Festival of University of Mumbai. The college has Open Auditorium having capacity of 210 students with area of 331 Sq. ft. In addition to this, college auditorium and halls in sports complex are also used for selection and practice of cultural events.
Yoga- The College celebrates International Yoga Day on 21st June every year, The Yoga training by eminent Yoga teachers is conducted for staff and students in the spacious halls

Library has good collection of Reference books, Text books Journals, Reference Source and competitive Exam books. The Library has good Infrastructure with well-equipped sitting arrangement for student. The library also has a E-library section. The library subscribes N-List database of E- Journals and E-books from INFLIBNET. Library has provided a various service to the students and staff
Total Carpet Area of the central Library is 2000 sq. ft.

Total Collection of Central Library: The central library of the college has collection of 8913 Books, which includes reference books-, text Books, Reference sources. Competitive exam books
SOUL3.0 -developed by INFLIBNET, Gujrat is used for Automation of Library. Library is fully automated using modules such as OPAC, Acquisition, Serial Control and Issue Return.

Separate Library website for E-Resources: Central Library of College has separate library website to access subscribed E-Resources: https://sites.google.com/view/apscnlib/home
These digital platform includes remote access to digital collection, INFLIBNET N-LIST, MAT journal of Computer science and Information Technology, Institutional Repository and E-Resources.
Inflibnet-N-List Consortia: The central library of college is regular member of Inflibnet N-List Consortia. Access to this program is permissible to all faculty and students. Through this Program various types of E-Resources like e-Books and e-Journals are available at free of cost
Subscription to Periodicals: The central library regularly subscribes 26 periodicals and magazines, which includes 11 Academic Journals and 15 Magazines related to Curricular and Competitive Exams. 10 Daily Newspapers are made available in reading hall.

Services Available in Central Library: Access of online journals through INFLIBNET Database subscribe by library, Book Lending service, Reprography Centre, extended reading room facility, Internet searching and printing, Reference service, Inter Library Loan, Free Wi-Fi Facility.

Computer and Laptops: There are total 62 desktop computers and 10 laptops in the college. Whenever needed the configuration of computers in departments like Information Technology (IT) is upgraded with the change in university curriculum. Presently, these computers have high-end configuration as i3 Processor, 4 GB RAM, 500 GB HDD. Networking of these computers of the college is done using 24 port switches and D-Link router. As the campus is divided in several buildings and new facilities have come up in last 5 years, different LANs were set as per the requirement. Backup in form of 6 KVA UPS is available for all computers. Office automation- Windows 10 and Windows 11 used with higher configuration. Windows 10 and Windows 11 more facilities to handle students' data, exam data, accounting operations and university requirements. It has helped the administrative as well as academic section to generate the required output which is in turn has helped the digitalization at all levels

Software Purchase: - The Institute has purchase windows software and other various software for CS/IT practical section.

SOUL3.0: - developed by INFLIBNET, Gujrat is used for Automation of Library. Library is fully automated using modules such as OPAC, Acquisition, Serial Control and Issue Return.

YouTube Channel: - Institutional library YouTube Channel is launched as Learning Module to upload Academic Video Lectures prepare by the faculty for the benefit of students. The URL of the channel is https://www.youtube.com/watch?v=xIcZ3eIfhwg

CCTV Facility –College has under CCTV surveillance
During Covid-19 lockdown period, the teaching learning process is completely online. To meet the requirement of online teaching-learning process, the college has used Microsoft team App, ZOOM App and WebEx APP. Microsys software is used for Examination Result prepare of all UG and PG classes.

Student Support and Progression

The college strongly believes that students are the pivotal stakeholder of the education system. It strives sincerely to attain the overall development of all the enrolled students by strengthening support mechanisms and attain their progression in terms of academic results, achievements and active participation in co-curricular and extracurricular activities.

The college has availed government and non-government scholarships to the eligible students. 451 students have received govt. and non-government scholarships during last five years. Percentage of students benefited

by scholarships and free ships provided by the Government and Non-Government agencies during last five years is 17.49%. Capacity building and skills enhancement initiatives taken by the college. Organization of Yoga training programmes, provision of gymn facility, provision of Health Centre, organization of free health check-up camps and provision of vending machines in ladies rooms are the major initiatives taken by the college for the health and hygiene of enrolled students. ICT/Computing skills are inculcated among students by providing required training and ICT facility. The college has made provision of 62 computers with 20 MPBS bandwidth connectivity to strengthen ICT/Computing Skills of the students.

271 students benefitted by guidance for competitive examinations and career counselling offered by the Institution. The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases. 40 students were placed through campus and off campus placement drives during the assessment period.

191 students were progressed to higher education.

Percentage of placement of outgoing students and students progressing to higher education during the last five years is 22.39. 01 students qualified in state level SLET examinations.

12 awards/medals have been achieved by the students for outstanding performance in sports/ cultural activities at the university/state/national/international level. The students participated in 583 sports and cultural programs organized by the college and other institutes during the assessment period. Per year, the average of the same is 116.4. The College has a proactive Alumni Association Committee. Alumni of the college have donated **Rs. 5, 68,540.20 /-** for the development of the college during the assessment period.

Governance, Leadership and Management

The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance.

There is an admirable coordination between the Sanstha management, college development committee(CDC), Principal and staff of the college which implements quality related policies and plans effectively for quality improvement and its sustenance.

The Governing Body decentralizes the administration as per the constitution for the betterment of the institution by appointing management representative on College Development Committee.

The Perspective Plan of the Institute is prepared with the quality indicators of NAAC and in

Consultation with the Sanstha management, College Development Committee, IQAC, Administrative staff, faculty, alumni and student representatives.

The college promotes decentralization and participative management through involvement of all its stakeholders. The Principal, IQAC Co-ordinator, HOD's, Head Clerk and support staff look after academic and administrative leadership of the college.

The functioning of the institutional bodies is effective and efficient. The college follows the policies framed by UGC, State Government of Maharashtra, University of Mumbai, NAAC and the Parent Institution.

The college implements e-governance in areas of operation such as Administration, Finance and Accounts, Student Admission and Support and Examination.

The parent institute and the college has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff. (Kinldy refer 6.3.1)

Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years is 0.78.

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development/administrative training programs during the last five years is 31.78.

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/non-government organizations) and it conducts internal and external financial audits regularly.

Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities. (Kindly refer 6.5.1)

Quality assurance initiatives of the institution include regular meeting of Internal Quality Assurance Cell, collection of Feedback from stakeholders, analysis of the feedback collected and use of the suggestions for improvements, take collaborative quality initiatives with other institution(s). Participation in NIRF and conduct of quality audit/accreditation by recognized state, national or international agencies such as NAAC and other Certification.

Institutional Values and Best Practices

The college has implemented the following two Best Practices successfully during the assessment period.

Best Practice 1:- **Women Empowerment and Gender sensitivity in Community'**

Aim: - Maintaining and strengthening the status of women.

Objectives of the practice: -

- To promote gender equality conscience among girl students, women employees & among society.
- Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender and to encourage participation from NGOs and law enforcement agencies in this area.
- To provide for dialogue, discussion, and deliberation on woman's rights and gender-related issues by organizing events and activities for women's empowerment.
- To review safety measures for female employees and girl students in the college campus.
- To encourage female students to be self-reliant and economically independent by acquiring the required skills.

Evidence of Success: -

It is a matter of pride that the efforts of the Women Development Cell gave fruitful results and brought success stories for institutions such as:

- The admission of girl students increased in the institute.
- Parents of girls have started giving first preference to our institution in admitting their wards.
- The girls are motivated to join the police force and pursue higher education.
- Women-friendly campus and supportive learning environment are established.
- Student council has more representation by girl students.
- Ragging, Eve teasing/harassment is reduced completely in the premises.
- Offenders are punished from time to time.
- Higher merit of girl students in academics and co-curricular activities.

Best Practice 2:- **Promotion of Research Culture**

Aim: To motivate students and faculties to enhance research activities for the benefit

of community.

Objectives: -

- To enhance research interest among students and teachers of the institution.
- To facilitate community-oriented projects through outreach programs.
- To encourage UG/PG students to organize/participate in seminars and conferences to unfold new areas of research
- To upgrade the library facilities towards research and development.
- To motivate students to undertake value-added projects.

Evidence of Success: -

- Faculty of the institution has recognition as a teacher to guide Ph.D., M.Sc. by research, M. Sc. by papers under the University of Mumbai.
- For the last four years, Dr. D.V. Bhagat has been nominated as a District Coordinator for the Avishkar research convention conducted by the University of Mumbai.
- IQAC and Science Association committee organize research poster presentations of PG students on the premises, which is open for UG students, Junior college students.
- Teachers and students are encouraged to publish their research articles in National/ International Journals of high impact factor and to attend conferences, seminars, workshops, etc., Faculties have published 77 research papers in National/International Journals. Out of that, 20 papers were published in Web of Science, Scopus indexed journals, and remaining papers are published in UGC care-listed and peer-reviewed journals. With this inspiration from faculties, they visited and presented papers at

National/International conferences.

Kindly click on the below link for the details of the Best Practices as hosted on the institutional website:

https://www.apcnagothane.edu.in/NAAC%20templet/7.2.Describe%20two%20best%20practices%20successfully%20implemented%20by%20the%20Institution%20as%20per%20NAAC%20format%20provided%20in%20the%20Manual.pdf

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	KONKAN EDUCATION SOCIETY'S ANANDIBAI PRADHAN SCIENCE COLLEGE
Address	Bapusaheb Deshpande Educational Complex, Nagothane, Taluka-Roha, District-Raigad.
City	Nagothane
State	Maharashtra
Pin	402106
Website	www.apcnagothane.edu.in

Contacts for Communication					
Designation	**Name**	**Telephone with STD Code**	**Mobile**	**Fax**	**Email**
Principal	Sandesh Suryakant Gurav	02194-222582	8149375082	02194-223699	principalapsc@yahoo.co.in
IQAC / CIQA coordinator	Dinesh Vasant Bhagat	02194-222329	9960455356	02194-223699	bhagat.dinesh72@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular Day

Recognized Minority institution	
If it is a recognized minroity institution	No

Establishment Details

State	University name	Document
Maharashtra	University of Mumbai	[View Document](#)

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	29-08-2007	[View Document](#)
12B of UGC	29-08-2007	[View Document](#)

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
No contents				

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus

Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Bapusaheb Deshpande Educational Complex, Nagothane, Taluka-Roha, District-Raigad.	Rural	4	13272.45

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BSc,Department Of Information Technology	36	H.Sc.	English	180	149
UG	BSc,Department Of Computer Science	36	H.Sc.	English	144	46
UG	BSc,Science	36	H.Sc.	English	360	291
PG	MSc,Department Of Chemistry	24	H.Sc.	English	48	48

Position Details of Faculty & Staff in the College

	Teaching Faculty											
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				4				2				13
Recruited	4	0	0	4	1	1	0	2	5	3	0	8
Yet to Recruit				0				0				5
Sanctioned by the Management/Society or Other Authorized Bodies				0				0				14
Recruited	0	0	0	0	0	0	0	0	2	10	0	12
Yet to Recruit				0				0				2

Non-Teaching Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				18
Recruited	8	2	0	10
Yet to Recruit				8
Sanctioned by the Management/Society or Other Authorized Bodies				2
Recruited	0	1	0	1
Yet to Recruit				1

Technical Staff				
	Male	**Female**	**Others**	**Total**
Sanctioned by the UGC /University State Government				1
Recruited	1	0	0	1
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				1
Recruited	0	1	0	1
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	4	0	0	1	1	0	3	3	0	12
M.Phil.	0	0	0	0	0	0	2	0	0	2
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	10	0	12
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers									
Highest Qualification	**Professor**			**Associate Professor**			**Assistant Professor**		
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/ LLD/DM/M CH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	**Male**	**Female**	**Others**	**Total**
	5	0	0	5

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		**From the State Where College is Located**	**From Other States of India**	**NRI Students**	**Foreign Students**	**Total**
UG	Male	236	0	0	0	236
	Female	250	0	0	0	250
	Others	0	0	0	0	0
PG	Male	21	0	0	0	21
	Female	27	0	0	0	27
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Category		Year 1	Year 2	Year 3	Year 4
SC	Male	10	15	17	18
	Female	16	21	16	20
	Others	0	0	0	0
ST	Male	4	4	5	7
	Female	2	1	0	0
	Others	0	0	0	0
OBC	Male	84	88	89	71
	Female	117	111	103	111
	Others	0	0	0	0
General	Male	93	87	79	69
	Female	140	137	139	142
	Others	0	0	0	0
Others	Male	41	35	32	26
	Female	22	26	25	26
	Others	0	0	0	0
Total		529	525	505	490

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	The Vision of the 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 was 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. Further, given the NEP, affiliating university has initiated new interdisciplinary centers integrating different departments in addition to the existing inter/multidisciplinary research and academic departments through Choice Based Credit System

	Pattern. To attain holistic academic growth for students, an Interdisciplinary curriculum has been proposed by the university which gives freedom to the student to choose their preferred options from the range of programs offered by the institution. Academic programs are redesigned to include Multidisciplinary /Interdisciplinary courses as electives. The college has adopted the policy of the 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 the implementation of the guidelines given in the NEP.
2. Academic bank of credits (ABC):	The college is affiliated with the University of Mumbai and follows a choice-based credit system for all of its programs as per the guidelines of the university. The implementation of the Academic Bank of Credits will be institutionalized as per the guidelines of the University of Mumbai and the Higher Education Department, Govt. of Maharashtra. The 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 the declaration of results of each semester. The affiliating university stores the academic credits earned by the student from various courses digitally for the declaration of the final results of the degree program. The stored ABC can be used for credit transfer students who want to benefit from multiple entries and multiple exits expected in NEP. Department of Examination and Evaluation Board of the University of Mumbai preserves ABC and provides a technical support system. The college will formally get registered in the ABC portal after receiving the guidelines from the competent authority.
3. Skill development:	Most of the certificate courses offered by our college cater to the 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 learned 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.
4. 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 the Indian language and culture in the curriculum. Through the Career Katta online Platform, our college aims to make our students well-versed in the rich culture and heritage of India. Our college has an active Marathi Vangmay Mandal which organizes 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 courses in Human rights, Communication skills and personality development, rural development, and green chemistry which students can complete for extra credits.
5. 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 incongruence 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 non attainment of the Outcomes. The successful implementation of Outcome Based Education has resulted in clarity in the learners' expectations 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 regular monitoring of our teaching-learning process and curriculum design.
6. Distance education/online education:	Our college recognizes the need for technology-driven education for 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 an 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 programs have been designed for our students and are conducted on online platforms. For instance, the COIST program 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 the Career Kata Programme under the Department of Higher and technical education and Maharashtra Information Technological Support Centre.

Institutional Initiatives for Electoral Literacy

1. Whether Electoral Literacy Club (ELC) has been set up in the College?	The Electoral Literacy Club (ELC) has been set up in the College and the same has effectively been functioning since its establishment in the academic year 2017-18. The prime function of the ELCs is to spread awareness about the 'right to vote among the stakeholders of the college and the local community. It takes efforts for all eligible students of the college to get enrolled in the voter's list through the organization of awareness programs and voters' enrollment drives. Further, the ELCs organized activities in term of rallies, guidance lectures and campaigns for promotion of ethical voting.

2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?	The college has appointed students' co-ordinator and co-ordinating faculty member for effective functioning of the ELCs. Mrs. Poonam Joshi Assistant Professor, Department of Chemistry has been looking after the ELCs of the college in the capacity of Chairman. Programme Officers of National Service Scheme and selected faculty members contribute to the ELCs as the members. Moreover, selected NSS Volunteers are nominated as the coordinating members of the ELCs to support the noble cause. The ELCs are functional and work in coordination of other support services and administrative committees of the college. It monitors the number of students enrolled in voter's list at the time of admission and list out those students who have not enrolled on the same. ELC organizes awareness program by taking Oath for Right to vote. The ELCs organize awareness sessions and enrolment drives for eligible and non-enrolled students periodically every year in collaboration with Tehsil Office, Roha.
3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.	The ELCs have undertaken the following innovative programs and initiatives for the promotion of electoral literacy. 1) Celebration of Voter's Day on 25th January every year. 2) Celebration of Constitution Day on 26th November every year. 3) Organization of Voter Registration programs for eligible students. 4) Collection of registration forms from eligible students and submission of the same to the concerned authority. 5) Nomination of faculty as Poling Officers and non-teaching staff as Assistant to Poling Officers for election duties during general elections. 6) Participation of faculty as Poling Officers and nonteaching staff as Assistant to Poling Officers for election duties during general elections. 7) Participation of NSS volunteers in the election process as volunteers. 8) Organization of awareness rallies by NSS for the promotion of the right to vote. 9) Organization of awareness rallies in the vicinity by NSS for promotion of ethical voting.
4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.	The college has conducted awareness programs in the villages of the vicinity for the promotion of electoral literacy. Awareness drives are organized at adopted villages Kuhire, Wangni and Amdoshi during Special Camps of NSS every year. Ms. Poonam Joshi, Assistant Professor Department of Chemistry

	conducted a seminar on awareness about voting during the special NSS Camp. Further, the ELCs have planned to conduct a survey on the status of privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc. of the locality and promote their participation in the voting process.
5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.	There are a marginal number of students above 18 years who are yet to get enrolled as voters in the electoral roll. Basically, first-year students of under graduation program who have recently been eligible for enrolment remain to be registered on the electoral roll. The ELCs of the College have institutionalized mechanisms to register eligible students as voters through awareness and enrolment drives. The college has developed a rapport with the Tehsil Office, Roha to facilitate the registration of students on electoral roll. The mechanism institutionalized by the college to register eligible students as voters includes the following steps: 1. To organize awareness programs after the admission process. 2. To prepare the list of eligible students to be registered as voters. 3. To organize on-campus registration drives in collaboration with Tehsil Office, Roha. 4.To distribute registration forms to missed out students and collect the same with the required documents. 5. To submit the collected registration forms and documents to Tehsil Office, Roha for further process. 6. With the help of NSS volunteers, NSS Program Officers co-ordinate the practice and conduct programs for registration purposes or submit duly filled out forms to the competent authority for further process.

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
529	525	505	490	529

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 31

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
26	27	28	24	24

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
120.71	112.94	103.55	104.40	102.59

File Description	Document
Upload Supporting Document	[View Document](#)

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Admission -In our college First-year admission process is started after the declaration of H.S.C results immediately. The admission committee prepares the merit list as per the government norms, with this merit list the students are admitted strictly on their merit marks. Similarly, the PG admissions are started after the declaration of T. Y. B. Sc. results. The S.Y.B. Sc. and T.Y.B. Sc. admissions are completed just after the declaration of the result.

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

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

Examination:-Exam committee looks after the appointment of examiners, collection of the question papers, conduction of exams and declaration of results using the CGPA system adopted by the parent university. Exams are conducted on behalf of the college for the first two years of the degree course and final year the exam is conducted on behalf of the university for the UG and PG course. During the Covid-19 pandemic, colleges conducted all exams as an online pattern through Google form using mobile students.

Curriculum Activities:-In the beginning of every semester, a meeting of each department was organized under the guidance of the Principal, IQAC and HOD regarding the teaching plan, workload allotment to all faculties and the syllabus is executed as per the norms of the university and it is reflected in the teacher's diary. At the end of every semester head of the entire department takes a meeting regarding the completion of the syllabus as per the allotment, Along with the classical method of teaching, we are using POWER-POINT, Animations, Whatsapp Videos, YouTube videos, Class tests, etc. as ICT tools for effective teaching-learning methods for the students.

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

Gender Equity: - The women development cell has arranged lectures on Human Rights and Current women's issues, Lectures on domestic violence 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 the prevention, prohibition and redress of the compliance of students.

Human Values: - The institution organizes programs to inculcate human values in students, staff and society through Blood donation camps regularly organize by NSS and DLLE units like the use of masks, the need for 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 are arranged for career development and up gradation of knowledge.

Faculty Development:-Through this process institute is giving opportunities to every faculty to attend various conferences, seminars, workshops, orientation and refresher courses.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 20

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional programme brochure/notice for Certificate/Value added programs with course modules and outcomes	View Document
Institutional data in the prescribed format	View Document
Evidence of course completion, like course completion certificate etc. Apart from the above:	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Other Upload Files	
1	[View Document](#)

1.2.2 Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 24.79

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
205	74	176	154	30

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.3 Curriculum Enrichment

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

Response:

The University of Mumbai framed a syllabus of different courses addressing current cross-cutting issues of social and national interest. The syllabus of the courses like Foundation course, Botany and Zoology etc, includes crosscutting issues related to respective subject knowledge. These issues help to create awareness among the students.

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

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

The women development cell has arranged lectures on Human Rights and Current women's issues. Lectures on domestic violence were organized by WDC in collaboration with the police department. The

anti-ragging cell was framed to create awareness among the students against ragging. Student's Grievance cell is involved in the prevention, prohibition, and redress of the compliance of students.

Environment and Sustainability: - The students got knowledge of environmental studies in their degree program through the Foundation course, Botany and Zoology syllabus and sustainability through the various activities and programs under NSS and DLLE units like Poster competition, Tree Plantation, E-Waste Collection, store rainwater and used it as a distilled water. Deforestation, Pollution, loss of natural habitats and Poaching of animals has degraded the environment and biodiversity as a whole. Students were sensitized, to know the status of the environment, biodiversity and exploitation of natural resources through environmental studies. To prevent further degradation, immediate steps need to be taken to conserve the existing environment and biodiversity. It can be achieved through sustainable development.

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

Topics on Profession Ethics have been incorporated in programs like F.C. by the University of Mumbai. Various lectures are arranged for career development and up gradation of knowledge. Moral and Ethical values such as Honour, Mutual respect, Trust, Politeness, Good manners and Social accountability are the basis of human life. These values are incorporated in the syllabus of various subjects like Foundation Course, English, Geography, Economics, Psychology and Political Science etc. During online lectures, above human values were imparted to the students of all programs. Support services like NSS and NCC organized Blood Donation Camps and Rallies to create social awareness and responsibility among students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 46.88

1.3.2.1 **Number of students undertaking project work/field work / internships**

Response: 248

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

1.4 Feedback System

1.4.1 *Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website*

Response: B. Feedback collected, analysed and action has been taken and communicated to the relevant bodies

File Description	Document
Feedback analysis report submitted to appropriate bodies	[View Document](#)
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	[View Document](#)
Action taken report on the feedback analysis	[View Document](#)
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 81.57

2.1.1.1 **Number of seats filled year wise during last five years (Only first year admissions to be considered)**

2021-22	2020-21	2019-20	2018-19	2017-18
175	205	183	173	202

2.1.1.2 **Number of sanctioned seats year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
252	250	200	200	248

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list as published by the HEI and endorsed by the competent authority	[View Document](#)
Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.1.2 *Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years*

Response: 78.69

2.1.2.1 **Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)**

2021-22	2020-21	2019-20	2018-19	2017-18
95	120	109	88	105

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
152	152	123	103	127

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	[View Document](#)
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio
(Data for the latest completed academic year)

Response: 20.35

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 and teachers use ICT- enabled tools including online resources for effective teaching and learning process

Response:

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 78.18

2.4.1.1 **Number of sanctioned posts year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
33	33	33	33	33

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2 *Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last*

five years (consider only highest degree for count)

Response: 43.41

2.4.2.1 **Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
12	12	11	11	10

File Description	Document
List of faculties having Ph. D. / D.Sc. / D.Litt./ L.L.D along with particulars of degree awarding university, subject and the year of award per academic year.	[View Document](#)
Institution data in the prescribed format	[View Document](#)
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The mechanism of internal assessment in the institution is transparent and robust. It follows the regulations and guidelines of the University of Mumbai for the internal evaluation process of theory and practical examinations. At the beginning of the academic session, IQAC of the college prepares a 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 the 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

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 takes necessary measures stipulated time. The 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 a day or two.

3. Discrepancies in name especially correction in Devanagari's name on the 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 attention is given to the student's grievances.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

2.6 Student Performance and Learning Outcomes

2.6.1 *Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website*

Response:

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 *Attainment of POs and COs are evaluated.* **Explain with evidence in a maximum of 500 words**

Response:

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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.3 Pass percentage of Students during last five years (excluding backlog students)

Response: 89.71

2.6.3.1 **Number of final year students who passed the university examination year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
182	159	184	125	117

2.6.3.2 **Number of final year students who appeared for the university examination year-wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
183	160	184	156	172

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll as per data template	[View Document](#)

Criterion 3 - 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 last five years (INR in Lakhs)*

Response: 22.4

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

2021-22	2020-21	2019-20	2018-19	2017-18
1.60	0	0	0	20.8

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations, Indian Knowledge System (IKS),including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The college has created an ecosystem for innovations and taken initiatives for the creation and transfer of knowledge after the Third Cycle of Accreditation

Sr. No.	Name of the teacher	Title of the patent	Status
1	Dr. V. R. Jadhavar	Internet of things based on user control solar energy power smart irrigation system for precision agriculture	Filled

Facilities available in Incubation Centre:
The college has developed the Center for Invention, Innovation and Incubation in the campus. The College has 03 recognized research Guides for Ph.D. The research lab of M.Sc. in Chemistry is recognized by the University of Mumbai.The college has developed a Sophisticated Analytical Instrumentation Facility (SAIF) Centre equipped with advanced equipment like UV-Spectrophotometer, Flame photometer, Muffle furnace etc.,The college has started Research Inspiration Award to encourage research scholars.
Incentives are provided to faculty and students to participate in Avishkar Research Convention, Seminars and Conferences.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.2.2 *Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years*

Response: 13

3.2.2.1 **Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
6	5	2	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 2.48

3.3.1.1 **Number of research papers in the Journals notified on UGC CARE list year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
37	06	18	07	09

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	[View Document](#)
Link to re-directing to journal source-cite website in case of digital journals	[View Document](#)
Links to the papers published in journals listed in UGC CARE list or	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.68

3.3.2.1 **Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
15	04	00	02	00

File Description	Document
List of chapter/book along with the links redirecting to the source website	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

3.4 Extension Activities

3.4.1 Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The institution organizes extension activities in the neighborhood community through academic departments and support services like National Service Scheme, Cultural Department, women development Cell, Science association, and Life Long Learning and Extension Department. The student's participation in various extension activities has resulted in strengthening cordial relations with nearby communities along with enhancement in the holistic development of the students.

NSS Unit of the college conducted extension activities in the local neighborhood community during the assessment period. The activities are focused on Environmental Protection, Water Conservation, Swachh Bharat Abhiyan, Tree Plantation and Construction of bunds and check dams at the adopted village. The NSS unit organized social awareness events including rallies, workshops and blood donation camps to support student's holistic development. NSS also carried out activities such as Celebration of International Yoga Day, Pulse Polio Abhiyan, and Street Plays on social issues, at Nagothane and the adopted area village. NSS Unit distributed 400 masks to the residents of Kuhire Adivasi vadi Post Banse, Talka Pen Dist. Raigad during COVID-19 pandemic. NSS unit organized an awareness program on "Organ Donation" on 11th April 2020 to aware the community and NSS volunteers of the significance of organ and tissue donation. National Service Scheme Unit organized Tree Plantation, a health awareness program every year. Organized Rally and cleanliness drive in Nagothane and Adopted area under Swachh Bharat Abhiyan, As part of its social obligation, the National Service Scheme units supplied clothes, and essential goods to flood-affected people of Mahad Dist. Raigad in 2021-22. National Service Scheme and Women Development Cell jointly organized a lecture on women's health in association with Health Centre, Nagothane. On the same day distributed notes books to Primary School students on our campus. The Department of Chemistry and women development Cell jointly organized Rangoli and Poster Exhibition in College on the occasion of International HIV-AIDS Day. NSS organized a Community Awareness Campaign on COVID-19 Infection and the Importance of Vaccination, and two vaccination drives in college for nearby people and students. Department of Physics organized an energy awareness program on in nearby Warvathane villages. National Service Scheme and Information Technology organized "Cyber Security and Cyber Crime Awareness program. Department of Botany conducted an awareness program on "Organic Farming & Sustainable Agriculture" for farmers of nearby villages.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

Institute always encourages the faculty and the students to strive for greater success in different fields. The Institute has received following awards and accolades.

1. The college has received state level best college Award (in recognition of competitive examination

awareness rendered by the Govt. of Maharashtra State)

2. Principal Dr. Sandesh S. Gurav received the Best Principal Award from the State of Maharashtra

3) Prin. Prin. Dr. Sandesh S. Gurav has received the Dr. A. P. J. Abdul Kalam Award.

4) Prof. Dr. D. V. Bhagat was awarded best paper presenter Award at the International Conference.

5) Prof. Dr. S. D. Tupare was awarded The University level the best NSS area coordinator award from the University of Mumbai .

6) Prof. Dr. S. D. Tupare was awarded the best paper presenter award at the international conference. 7) Prof. Dr. S. D. Tupare was awarded an appreciation certificate from gram Panchayat Nagothane Tal. Roha Dist. Raigad.

8) Prof. Dr. S. D. Tupare was rewarded with an excellence certificate by the International Journal for his work as reviewer

9) Prof. Dr. S. D. Tupare was awarded by best teacher award at State Level

10) Prof. Dr. S. D> Patil has received the National level Dr. A. P. J. Abdul Kalam award.

11) Prof. Dr. S. D. Patil was awarded by Best Educationalist award.

12) Prof. Dr. S. D. Patil was awarded the best faculty research award.

13) Dr. V. R. Jadhavar was awarded the Global International award

14) Dr. V. R. Jadhavar was awarded the best Taluka Level coordinator award.

15) Dr. V. S. Shinde received Dr. A. P. J. Abdul Kalam National Award.

16) Dr. (Mrs.) S. T. The University of Mumbai for his excellent work in the Avishkar convention appreciated Morbale.

17) Dr. M. D. Shirsath was awarded the best Teacher award at National Level.

18) Miss Krushnali D. Gharat was awarded by University Level Best NSS Volunteer award

18) Mr. Aditya Anil Watve and Miss. Shrushti Khandekar was awarded 1st rank award with Rs. 5000/- cash award in Dist. level Quiz competition organized by HIV-AIDs Control Board and NSS, Raigad.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

3.4.3 *Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.*

Response: 175

3.4.3.1 **Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
38	32	38	41	26

File Description	Document
Photographs and any other supporting document of relevance should have proper captions and dates.	View Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1 *Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.*

Response: 25

File Description	Document
Summary of the functional MoUs/linkage/collaboration indicating start date, end date, nature of collaboration etc.	[View Document](#)
List of year wise activities and exchange should be provided	[View Document](#)
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The Institution has adequate infrastructure and other facilities for,

- **teaching – learning, viz., classrooms, laboratories, computing equipment etc**
- **ICT – enabled facilities such as smart class, LMS etc.**

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

The College has located on Mumbai- Goa Highway

- The total are of plot used for college building is 1832.13 sq. m. Detail of open space on the four side of college building is 2725.50 sq. m.

- There is an adequate physical infrastructure in terms of classrooms, laboratories, and library and computer labs to cater to the academic needs of all the students.

- There are 9 classrooms in the college. All are equipped with LCD projectors that are used for ICT enabled teaching learning process,.
- The college has 1 seminar hall with seating capacity of 210 for organisation of functions, meeting, seminars, conferences
- The college has two separate building first building occupied with Administration office, Principal Cabin, IQAC Centre, Exam Section, Chemistry UG,PG Laboratories, 2 Computer lab with 52 Computers for CS/IT courses, Library, 6 classrooms,
- The second building of college has Botany, Zoology, Physics laboratories and 3 classrooms.
- There are 62 computers in the college 52 computer used for CS/IT lab 3 computer used for library, 2 for departments, 2 for examination, 3 for administration office.
- The college also have separate building for Gymkhana and indoor sport.
- **VARIOUS SECTION AND CENTRE:** The college has Health Center, Canteen facility, HoD Cabins, NCC office, Examination Section, Reprographic Centre in library, Common staff rooms, Ladies Rooms, Separate Girls and Boys common rooms, , separate Parking facility for staff and students.
- **LIBRARY:** The Institute has separate library at first floor of first building of college. The total area of library building is 2000 sq. ft. the total books collection of library is 8913.
- **SPORT FACILITIES:** The Total area of sport complex is 190 sq. m. The Total area of playground is 27.25.50 sq. m. The Sports Complex is equipped with Multigym Unit.
- **Indoor Games:** Table tennis, Chess, Carom, Warming exercise.
- **Outdoor Games:** Cricket, Volleyball, Kabaddi, Kho-Kho, , Long Jump, High Jump and running.
- **Infrastructure available for Cultural activities**: The College has a proactive cultural committee. The committee organizes different cultural events under Arts Circle and Youth Festival of University of Mumbai. The college has Open Auditorium having capacity of 210 students with area of 331 Sq. ft. In addition to this, college auditorium and halls in sports complex are also used for selection and practice of cultural events.

- **Yoga-** The College celebrates International Yoga Day on 21st June every year, The Yoga training by eminent Yoga teachers is conducted for staff and students in the spacious halls

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2 *Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years*

Response: 13.59

4.1.2.1 **Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
22	16.89	27.5	3.69224	3.8577

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1 *Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students*

Response:

The library is considered the heart and soul of any Institute of Learning. It provides a meaningful avenue

for collecting knowledge to enhance the quality of individuals, society and nation.

The library has a good collection of Reference books, Textbooks Journals, Reference Source and competitive Exam books. The Library has good Infrastructure with well-equipped sitting arrangements for students. The library also has an E-library section. The library subscribes N-List database of E-Journals and E-books from INFLIBNET. The library has provide various services to the students and staff

Keeping in view its importance, the Library is working since 1992 since establishment of the college

The total Carpet Area of the Central Library is 2000 sq. ft.

The library has situated at first floor of first building of college.

 Separate Section of Library: Stack section, Reading Room Section, Circulation Counter, Periodical Section, E-library section

Total Collection of Central Library: The central library of the college has collection of 8913 Books, which includes reference books-, text Books, Reference sources. Competitive exam books

SOUL3.0 -developed by INFLIBNET, Gujrat is used for Automation of Library. Library is fully automated using modules such as OPAC, Acquisition, Serial Control and Issue Return.

 Separate Library website for E-Resources: Central Library of College has separate library website to access subscribed E-Resources: https://sites.google.com/view/apscnlib/home

These digital platform includes remote access to digital collection, INFLIBNET N-LIST, MAT journal of Computer science and Information Technology, Institutional Repository and E-Resources.

Inflibnet-N-List Consortia: The central library of college is regular member of Inflibnet-NList Consortia. Access to this program is permissible to all faculty and students.. Through this Program various types of E-Resources like e-Books and e-Journals are available at free of cost

Subscription to Periodicals: The central library regularly subscribes 26 periodicals and magazines, which includes 11 Academic Journals and 15 Magazines related to Curricular and Competitive Exams. 10 Daily Newspapers are made available in reading hall.

Services Available in Central Library: Access of online journals through INFLIBNET Database subscribe by library, Book Lending service, Reprography Centre, extended reading room facility, Internet searching and printing, Reference service, Inter Library Loan, Free Wi-Fi Facility.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection *Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words*

Response:

- **IT Upgradation** -IT infrastructure is spread all over the academic departments, library and administrative sections of the college. IT facilities are continuously upgraded to meet the demands generated out of introduction of new curriculum, laboratories, and office management software and university systems
- The upgradation is done in form of hardware updating, addition of required computers, addition of bandwidth, and replacement by high capacity cables (CAT 6 cable for internal LAN and OFC for longer distance), addition of service provider to keep substitute open and extension of continuous power supply facility
- **Computer and Laptops:** There are total 62 desktop computers and 10 laptops in the college. Whenever needed the configuration of computers in departments like Information Technology (IT) is upgraded with the change in university curriculum. Presently, these computers have high-end configuration as i3 Processor, 4 GB RAM, 500 GB HDD. Networking of these computers of the college is done using 24 port switches and D-Link router. As the campus is divided in several buildings and new facilities have come up in last 5 years, different LANs were set as per the requirement. Backup in form of 6 KVA UPS is available for all computers

- **Office automation-** Windows 10 and Windows 11 used with higher configuration. Windows 10 and Windows 11 more facilities to handle students' data, exam data, accounting operations and university requirements. It has helped the administrative as well as academic section to generate the required output which is in turn has helped the digitalization at all levels

- **Software Purchase** – The Institute has purchase windows software and other various software for CS/IT practical section
- **SOUL3.0** -developed by INFLIBNET, Gujrat is used for Automation of Library. Library is fully automated using modules such as OPAC, Acquisition, Serial Control and Issue Return.
- **Separate Library website for E-Resources:** Central Library of College has separate library website to access subscribed E-Resources: https://sites.google.com/view/apscnlib/home

- **College website** -The College has updated its dynamic website http://www.apcnagothane.edu.in/

    Website development committee of college maintain this website

- **Bandwidth** The college has LAN Based and wireless connectivity of 20-30 Mbps bandwidth

    In IT/CS laboratories there are 52 computers connected on LAN, with Wi-Fi and   also provided the wireless internet connectivity to other departments

- **Youtube Channel** :Institutional library YouTube Channel is launched as Learning Module to upload Academic Video Lectures prepare by the faculty for the benefit of students. The URL of the channel is https://www.youtube.com/watch?v=xIcZ3eIfhwg

- **CCTV Facility** –College has under CCTV surveillance
- **During Covid-19 lockdown period**, the teaching learning process is completely online. To meet the requirement of online teaching-learning process, the college has used Microsoft team App, ZOOM App and WebEx APP. Microsys software is used for Examination Result prepare of all UG and PG classes.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 9.8

4.3.2.1 **Number of computers available for students usage during the latest completed academic year:**

Response: 54

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	[View Document](#)
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

4.4 Maintenance of Campus Infrastructure

4.4.1 *Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)*

Response: 87.9

4.4.1.1 **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)**

2021-22	2020-21	2019-20	2018-19	2017-18
104.29661	93.36724	87.85837	96.05976	96.74749

File Description	Document
Institutional data in the prescribed format	[View Document](#)
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

09-08-2023 05:08:20

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 *Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years*

Response: 17.49

5.1.1.1 **Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
70	75	78	60	168

File Description	Document
Year-wise list of beneficiary students in each scheme duly signed by the competent authority.	[View Document](#)
Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).	[View Document](#)
Upload policy document of the HEI for award of scholarship and freeships.	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.1.2 Following capacity development and skills enhancement activities are organised for improving students' capability

1. *Soft skills*
2. *Language and communication skills*
3. *Life skills (Yoga, physical fitness, health and hygiene)*
4. *ICT/computing skills*

Response: B. 3 of the above

File Description	Document
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 10.51

5.1.3.1 **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
41	19	25	186	00

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The institution adopts the following for redressal of student grievances including sexual harassment and ragging cases

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Annual report of the committee motioning the activities and number of grievances redressed to prove timely redressal of the grievances	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 22.39

5.2.1.1 **Number of outgoing students placed and / or progressed to higher education year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
32	30	48	42	39

5.2.1.2 **Number of outgoing students year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
172	156	184	159	182

File Description	Document
Number and List of students placed along with placement details such as name of the company, compensation, etc and links to Placement order(the above list should be available on institutional website)	View Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2 *Percentage of students qualifying in state/national/ international level examinations during the last five years*

Response: 0

5.2.2.1 **Number of students qualifying in state/ national/ international level examinations year wise during last five years (eg: IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/Civil Services/State government examinations etc.)**

2021-22	2020-21	2019-20	2018-19	2017-18
00	00	00	00	00

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

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 last five years

Response: 12

5.3.1.1 *Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years*

2021-22	2020-21	2019-20	2018-19	2017-18
4	3	5	0	0

File Description	Document
Upload supporting document	[View Document](#)
list and links to e-copies of award letters and certificates	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 116.6

5.3.2.1 **Number of sports and cultural programs in which students of the Institution participated year wise during last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
59	75	109	82	258

File Description	Document
Upload supporting document	[View Document](#)
Institutional data in the prescribed format	[View Document](#)

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

Response:

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	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 *The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.*

Response:

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 with the purview of the splendid aphorism to educate students of farmers, workers, fishermen and saltpan workers of Raigad District, especially in rural area. Some of the prominent category students studied in the college are member of the Legislative Assembly. The college offers traditional programs like B.Sc. at UG level and M.Sc. at PG level, and also value-added programs 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 programs and career-oriented courses offered by the college have been proven beneficial in the mounting placement of students in different fields. Extension activities carried out under NSS, DLLE and WDC are on the features of the college and its commitment towards the overall development of the students.

The Principal of our Institute believes in delegation of authority and decentralization. Accordingly, the governing system of the institution prefers decision-making in a 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 the institution under the guidance of Office Bearers of the Sanstha, and College Development Committee.

2. Nomination of senior faculty members in administrativecommittees 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 looks after the administration of the library and Peons shoulders the responsibility of cleanliness of college premises.

7. Members of the 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 the smooth functioning of the college.

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

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 *The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc*

Response:

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 financial assistance to teachers and students to participate in Avishkar Research Convention.

• Development of a 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.

The college is governed by the Konkan Education Society, Alibag. The General body, Managing Council, Executive Committee, Higher Education Committee, Co-ordination Committeejudiciously 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	Document
Upload Additional information	[View Document](#)
Institutional perspective Plan and deployment documents on the website	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.2.2 Institution implements e-governance in its operations

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Screen shots of user interfaces of each module reflecting the name of the HEI	[View Document](#)
Institutional expenditure statements for the budget heads of e-governance implementation ERP Document	[View Document](#)
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)	

6.3 Faculty Empowerment Strategies

6.3.1 The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

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 the 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 the annual Prize distribution function

• Felicitation of a staff member on superannuation

•Organization of Medical checkup camp

Performance Appraisal System: ·

Key Performance Indicator (KPI) for the Principal:- Key Performance Indicator is used for the assessment of the 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: The performance of each faculty is evaluated with the help of a Performance-based Appraisal System as per the guidelines of UGC and affiliating university. The 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 member has been promoted under Career Advancement Scheme during the year.

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

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 0.78

6.3.2.1 **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
01	00	00	00	00

File Description	Document
Policy document on providing financial support to teachers	[View Document](#)
Institutional data in the prescribed format	[View Document](#)
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	[View Document](#)
Audited statement of account highlighting the financial support to teachers to attend conferences / workshop s and towards membership fee for professional bodies	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

6.3.3 *Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years*

Response: 31.78

6.3.3.1 **Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP),** *Management Development Programmes (MDPs)* **professional development /administrative training programs during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
07	10	21	03	00

6.3.3.2 **Number of non-teaching staff year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
00	00	00	00	00

File Description	Document
Refresher course/Faculty Orientation or other programmes as per UGC/AICTE stipulated periods, as participated by teachers year-wise.	View Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document
Annual reports highlighting the programmes undertaken by the teachers	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Institutional Strategy for mobilization of funds:

The college mobilizes required funds for academic activities and infrastructural needs through the 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

· Monitory support/hand-in help under CSR of nearby industry

· Utilization of corpus fund, if required.

Policies for mobilization of required funds:

The college adopts the following policies for the 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 industries to avail monitory 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.

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

The following are the mechanisms for internal and external audit:

Internal Audit:-

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

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 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 audit: The Konkan Education Society has a separate audit department that conducts local audits per semester

• External audit: Institute carries out an annual audit through external auditor Mr. Janardan J. Ranedive appointed by the Sanstha. These audits are conducted as per the Govt. rules.

• External Audit by Govt.: External Audit of the college is carried out by the government agencies like the

Accounts General (AG) and Account Officer, Higher Education, Government of Maharashtra.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

Quality initiatives are taken by the IQAC during the assessment period:-
Prepared Perspective Plan for Academic departments and support services to be implemented during Fourth Cycle of Accreditation by NAAC.
Made Compliance with all recommendations made by the NAAC Peer Team at the time of the Third Cycle of Accreditation.
Prepared Plan of Action / Academic Calendar for each academic year.
Chalked out Action Taken Report (ATR) on the Plan of Action for each academic year.
Conducted periodic meetings of IQAC to review the academic activities of the college.
Submitted AQARs of each academic year to NAAC before due dates.
Prepared Self-Study Report of the college for the Fourth Cycle of Accreditation.
Initiated 09 Certificate, and 05 Skill Based Short Term Courses.
Submitted proposal for additional division of M.Sc. Organic Chemistry.
Reviewed Teaching Learning process through Syllabus Planning, Lectures Notes and Syllabus Completion Reports submitted by each faculty member.
Analyzed reports on CIE and Attainment of Programme/Course Outcomes received from respectiveHead of Departments.
Analyzed academic results of UG and PG classes immediately after the declaration of results and suggested corrective measures to concern the department or faculty for improvement.
Monitored Offline/Online Teaching-Learning and Evaluation process.
Institutionalized Online Student Satisfaction Survey.
Strengthened Feedback mechanism of the college to collect Feedback from various stakeholders, analyze and use the same for improvement.
Conducted Green Audit, Energy Audit and Safety Audit of the college.
Participated in NIRF during last two years.
Suggested infrastructural augmentation and renovations to the CDC of college for improvement inacademic and physical facilities.
Organized 02 Training Programmes for Faculty and Staff.
Organized 01 National & 13 Institutional Level Seminars/Conferences/Webinars.
Developed 07 Smart Classrooms for ICT-enabled Teaching Learning.

Organized Individual Presentations of Faculty to review their academic growth.
Organized Departmental Presentations and Document Verification drives to monitor the effective functioning of each department and support services.
Completed 7 Minor research projects Under the University of Mumbai

Received a grant of Rs. 17 lacks. out of 20 Lacks under the DST FIST Scheme

IQAC (Internal Quality Assurance Cell) of the college plays a pivotal role in setting up benchmarks for institutional quality improvement and its sustenance. The 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 Surveys are used to evaluate the 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 the declaration of results and corrective measures are suggested to the concerned department of faculty for improvement. The IQAC conducts Individual presentations 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	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**
4. **Participation in NIRF and other recognized rankings**
5. **Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.**

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	[View Document](#)
NIRF report, AAA report and details on follow up actions	[View Document](#)
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)
Link to Minute of IQAC meetings, hosted on HEI website	[View Document](#)

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years. *Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words*

Response:

The college has established a separate Women Development Cell (WDC). WDC and NSS organize various gender equality, gender sensitization and awareness programs such as International Women's Day, Self-defense training program, awareness lectures on personnel hygiene and health and webinars on Women Empowerment.

The college organized 05 activities in 2021-22, 04 activities in 2020-21, 04 activities in 2019-20, 04 activities in 2018-19 and 03 activities in 2017-18 related to gender equity.

Women Development Cell- According to the Vice chancellor's directions issued under sec 14(8) of Maharashtra University Act 1994, according to circular No- WDC/VCD/240 of 2008, the women development cell is actively working in the college which organizes various programs and activities in the college that promotes the gender equity.

Formation of anti-Sexual Harassment Committee- According to Maharashtra Govt's Lady Section/sexual harassment committee/2011-255 dated 7/6/2011 'Mahila Laingik Atyachar Samiti' is formed in the college. It also works as an anti-harassment cell. The aim of this cell is to promote a culture of respect and equality for the female gender and also to monitor the treatment of women in the college.

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

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

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

Activities conducted for the promotion of gender equity during the last five years:

Assessment Year	Remarkable Activities Conducted	
2017-18	◆ Workshop on Yoga Practice ◆ Disaster Management ◆ Consumer Guidance	

2018-19	• Informative program awareness against domestic Violence with ZP Mahila Bal Vik Alibag • Celebration of Savitribai Phule • Workshop on awareness of Health and Hygiene • Celebration of International Women's Day ZP Kanya Shala Nagothane.	
2019-20	• One day Self-protection workshop • Lecture on Health and Hygiene Courses offered by Women development cell Agarbatti making workshop • Celebration of Balika din • Celebration of International women's day	Pheny
2020-21	• Webinar on 'Health Advice with reference to the Post Covid – 19 situations • Celebration of Birth Anniversary of Smt. Savitribai Phule • Online Webinar on-Hindu Marriage Act – The Current Scenario • Self-employment skill development - Bag making Celebration of International wom	
2021-22	• Online Webinar on-Importance of Education • Online celebration of HIV-AIDS Day • Balika Din Celebration. Online Webinar on-Laws of women's Safety- Celebration international women' • Poster presentation • Celebration of international women's Day	

Formation of Statutory and Non-statutory Committees: Every year college announces statutory and non-statutory committees to promote institutional values and social responsibilities

Safety and Security:
Adequate facilities are provided to the women such as
Provision of a Security Gate at the college entrance.
Provision of CCTV surveillance on the college campus.
Use of Identity Cards by all students on college campus.

Gender Equity Awareness through Curriculum:
The University of Mumbai has introduced topics related to gender equity in the curriculum of the Foundation
Course for First and Second-year students.

File Description	Document
Upload Additional information	[View Document](#)
Provide Link for Additional information	[View Document](#)

7.1.2 The Institution has facilities and initiatives for

1. **Alternate sources of energy and energy conservation measures**
2. **Management of the various types of degradable and nondegradable waste**

3. **Water conservation**
4. **Green campus initiatives**
5. **Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	[View Document](#)
Geo-tagged photographs/videos of the facilities.	[View Document](#)
Circulars and report of activities for the implementation of the initiatives document	[View Document](#)
Bills for the purchase of equipment's for the facilities created under this metric	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. **Green audit / Environment audit**
2. **Energy audit**
3. **Clean and green campus initiatives**
4. **Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	[View Document](#)
Policy document on environment and energy usage Certificate from the auditing agency	[View Document](#)
Green audit/environmental audit report from recognized bodies	[View Document](#)
Certificates of the awards received from recognized agency (if any).	[View Document](#)
Provide Links for any other relevant document to support the claim (if any)	[View Document](#)

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance

and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The college has taken initiatives for provision of an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic and communal socio-economic in following terms:

Cultural Harmony:

Celebration of Gaura-Ganesh Festival, Navratri Festival, Traditional Day and Organization of Cultural Programmes

Regional Harmony:

Celebration of Maharashtra Din on 1st May, and "Shiv Swarajya Din" on 6th June by NSS.

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:

Best wishes to students and staff belonging to minority section on the occasion of Eid and Christmas festival.

Organization of Blood Donation Camp and International Yoga Day.

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 flood affected people.

Material support to flood-affected people of Taliye and Mahad, District Raigad.

Celebration of Birth and Death Anniversaries of national heros, freedom fighters and regional leaders.

Values:

Celebration of Independence Day and Republic Day for inculcation of values of patriotism, freedom, unity, cultural harmony, brotherhood, leadership, justice, peace, non-violence and selflessness towards the nation.

Organization of outreach activities for promotions of values like sincerity, discipline, punctuality, hard work, sportsmanship, politeness, decision making and teamwork.

Celebration of Maharashtra Din for inculcation of unity, sacrifice and regional harmony.

Organization of International Women's Day for promotion of gender equity, women empowerment, respectfulness, sisterhood and self-reliance.

Rights:

Celebration of Indian Constitution Day on 26th November for sensitization about right to equality, right to freedom, right against exploitation, right to freedom of religion, cultural and educational rights and right to constitutional remedies.

Celebration of Teacher's Day on 5th September for sensitization of freedom of speech, freedom of expression, freedom of association and freedom to reside any part the country.

Celebration of Women's Day on 8th March for sensitization of right of equality.

Duties:

Celebration of Independence Day and Republic Day to protect sovereignty.

Celebration of Birth and Death Anniversaries of freedom fighters to follow ideals of the freedom struggle. Voter's Day celebration to strengthen democracy.

Organization of Disaster Management Training Programme to render national services when call upon.

Organization of vaccination drive to render public health and national services when call upon. Organization of tree plantation programmes and water conservation initiatives to protect natural environment.

Responsibilities of Citizen:

Organization of activities such as Blood Donation, Tree Plantation, Road Safety Rally, Voter's Day, Swachh Bharat Abhiyan, Awareness Rallies, Special NSS Camp and Youth Festival to develop students as responsible citizens.

Organization of an awareness lecture on Ideal Teacher on the occasion of Teacher's Day

Financial support to the Chief Minister Fund and material support to flood-affected people.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.2 Best Practices

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

Response:

Best Practice 1:- **Women Empowerment and Gender sensitivity in Community'**

Aim: - Maintaining and strengthening the status of women.

Objectives of the practice: -

- To promote gender equality conscience among girl students, women employees & among society.
- Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender and to encourage participation from NGOs and law enforcement agencies in this area.
- To provide for dialogue, discussion, and deliberation on woman's rights and gender-related issues by organizing events and activities for women's empowerment.
- To review safety measures for female employees and girl students in the college campus.
- To encourage female students to be self-reliant and economically independent by acquiring the required skills .

The Practice:

The cell works to ensure the entire development of female college students as well as their assured active participation in a variety of activities. The practice also tries to uphold the campus's discipline, which is necessary for the college to operate efficiently and is one of its requirements.

The following elements are included in gender sensitivity and women's empowerment:

- Safety of girl students on and off the college campus
- Awareness about Health and Hygiene.
- International Women Day Celebration
- Organization a Gender Equity Lectures/Seminars
- College offers Skill based short term courses for girl students.
- Involvement in co-curricular and extra-curricular activities.
- Participation of girl students in Research Projects, Sports, NSS, DLLE, Cultural activities etc.
- Awareness about the special provisions made by law.
- To provide redressed mechanism for the grievance or compliance for the girls.

Implementation: -

The college have girls common room, which is well ventilated and has washrooms, dressing mirrors, sanitary pad, vending machines with inclinator, first aid box etc. There is suggestion/complaint box (Sakhi) where girls can give their suggestions to improve in all areas. The various programs arranged by WDC and Institute during last five years includes

1. Self-Protection training workshops
2. Demonstration of use of a Sanitary Napkin vending Machine

3. Lecture on Health and Hygiene
4. Self-employment Courses offered by Women development cell like Agarbatti making, Phenyl making
5. Celebration of Balika Din & Visits to neighboring Girl student Schools
6. Participation in online international Workshop/seminars/conferences
7. Celebration of International women's day

Evidence of Success: -

It is a matter of pride that the efforts of the Women Development Cell gave fruitful results and brought success stories for institutions such as:

- The admission of girl students increased in the institute.
- Parents of girls have started giving first preference to our institution in admitting their wards.
- The girls are motivated to join the police force and also pursue higher education.
- Women-friendly campus and supportive learning environment are established.
- Student council has more representation by girl students.
- Ragging, Eve teasing/harassment is reduced completely in the premises.
- Offenders are punished from time to time.
- Higher merit of girl students in academics and co-curricular activities.

Problems encountered and resources required: Due to the pandemic the students as well as staff were unable to interact with each other and resource persons face to face

Best Practice 2:- **Promotion of Research Culture**

Aim: To motivate students and faculties to enhance research activities for the benefit

of community.

Objectives: -

- To enhance research interest among students and teachers of the institution.
- To facilitate community-oriented projects through outreach programs.
- To encourage UG/PG students to organize/participate in seminars and conferences to unfold new areas of research
- To upgrade the library facilities towards research and development.
- To motivate students to undertake value-added projects.

The Practice: -

1. Students are encouraged to participate in the Avishkar research convention held by the University of Mumbai every year.
2. IQAC and Science Association Committee publishes science bulletin and organizes project exhibitions, research poster competitions, the celebration of science day etc.
3. College organizes a research poster presentation of PG students in the premises which is open for

UG students, Junior college students.

4. Rangoli exhibition on Green chemistry, Global warming and AIDS awareness has been organized as a social issue.
5. At the beginning of the academic year orientation program for the students is organized to motivate them for research competitions and projects.
6. Research committee conducts an orientation program for the teachers to encourage them for undertaking MRPs under the University of Mumbai, DST, UGC, etc.,
7. Teachers and students are encouraged to publish their research article in the National/ International Journal of high impact factor.
8. Teachers and students are encouraged to attend conferences, seminars, workshops, etc.

Implementation: -

Under the guidance of the research committee department of Science Streams has submitted research proposals to the funding agencies such as UGC, DST, and the University of Mumbai. Teachers and students are encouraged to participate in the Avishkar Research Convention of the University of Mumbai and National / International conferences. Teachers and students are encouraged to attend seminars, conferences/workshops. Teachers are encouraged to pursue M. Phil./Ph.D./Post-doctoral degrees in their respective subjects under the motivation of IQAC and the research committee. They are also encouraged to acquire recognition as research guides from the university

For collaborative research Placement and interaction with industries, institutions form several MOU with pharmaceutical and chemical industries.

To facilitate research and research scholar's reference section in the Central Library is developed by

- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and department

Evidence of Success: -

- Faculty of the institution has recognition as a teacher to guide Ph.D., M.Sc. by research, M. Sc. by papers under the University of Mumbai.
- For the last four years, Dr. D.V. Bhagat has been nominated as a District Coordinator for the Avishkar research convention conducted by the University of Mumbai.
- IQAC and Science Association committee organize research poster presentations of PG students on the premises, which is open for UG students, Junior college students.
- Teachers and students are encouraged to publish their research articles in National/ International Journals of high impact factor and to attend conferences, seminars, workshops, etc., Faculties have published 77 research papers in National/International Journals. Out of that, 20 papers were published in Web of Science, Scopus indexed journals, remaining papers are published in UGC care-listed and peer-reviewed journals. With this inspiration from faculties, they visited and presented papers at National/International conferences.

File Description	Document	
Best practices as hosted on the Institutional website	[View Document](#)	
Any other relevant information	[View Document](#)	

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

K.E.S, Anandibai Pradhan Science College has established in 1992 at the Raigad district of Maharashtra.

The vision of college:

1. To avail the facility of education to the downtrodden community for the development of society. The vision of our institution aims at educating the youth for the development of society. The emblem of the Kokan Education Society encompasses the message that" Self-respecting human being has nothing to do with the sorrows and joys, whatever will be the outcome of his well doing"
2. As depicted in the emblem, the institution is working at encouraging exuberance and values in the youth so that the students of our institution become self-respecting human beings.

Mission and Goals of College:

1. Education for all is the mission of our college.
2. The college is committed to providing quality higher education, particularly in science to bring about social change in the rural area
3. The college renders access to education to students coming from humble backgrounds and first-generation learners. The Kokan Education Society has had a tradition of providing education in rural areas for the last 95 years and, strives to offer equal opportunities to the students of rural and hilly areas and thus mentor independent, responsible and healthy-minded citizens for the country.

For years, the institution has combined learning with a desire to take action, resulting in good activities for the benefit of the underprivileged community, particularly the pupils from rural areas. We are passionate about changing them for the better and motivated to carry out our objective and convinced to bring the transformative potential of academics, socialism, innovation, research, and education for their advancement on the outside. The distinctive qualities of our college have influenced the fields of computer science, information technology, and basic sciences.

The distinctiveness of our institute is

(a) **Excellence in Academics:** A high quality of academic excellence can provide a value-added experience for the students. Only the science stream, or B.Sc. in computer science, information technology, and related fields, is offered by our institute. Additionally, we offer a M.Sc. course in chemistry. After completing their graduate and post-graduate degrees, students have a 100% chance of finding employment

because there are numerous chemical industries close by, including Supreme Petroleum Ltd., Sudarshan Chemical Industries, Clarian's Chemicals, Laxmi Organic Industries, Hi-Tech Chemicals, and Elppe Chemicals, among others.

(b) **Research-based Knowledge Exploration:** The institute's certificate programs, course-based projects, and social impact projects give students an understanding of cutting-edge technologies and prepare them to conduct cross-disciplinary research. Basic and advanced-level research facilities are available at the institute's laboratory to support research and academic initiatives. The College supports a holistic teaching-learning environment by encouraging participation in seminars and conferences among its professors and students.

(c) **Excitement of Innovation & Entrepreneurship with Global Vision:** extracurricular activities develop a well-rounded personality that will enable them to successfully navigate the uncertain future. These activities give students experiences and appreciation that aid them during internships and build their personalities, employability skills, entrepreneurialism, and language abilities.

(d) **Exponent for Social Responsibility:** A large-scale higher education institution in a rural location can make a significant contribution to local development and rural public promotion. The institution has always demonstrated a readiness to accept new practices for the enrichment of values among staff members and students to make them better citizens, despite the lack of a decent infrastructure. As a result, all of our college's professors and students are strengthened to partake in social events. Additionally, the college actively participates in the local community and provides all forms of assistance to the neighboring community.

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

5. CONCLUSION

Additional Information :

We feel proud to mention that the college, its proactive staff and students have been awarded with prestigious awards during recent past years by the State Govt. of Maharashtra, the University of Mumbai, the Sanstha and NGOs for their commendable contribution to the spheres of higher education, active research, social service and extension/outreach activities. The college, faculty, academic departments and support services have achieved:

'B+' Grade in the Third Cycle of NAAC Accreditation with a CGPA of 2.68.

Following are some of the awards/recognitions achieved by the college during the last five years:

Best college Award (in recognition of competitive examination awareness rendered by the Govt. of Maharashtra State)
Best NSS Unit Award by University of Mumbai
Best NSS Programme Officer Award by University of Mumbai
Best Principal Award from the State of Maharashtra
Best Taluka Level coordinator award by Government of Maharashtra.
National level Dr. A. P. J. Abdul Kalam Award - Prin. Dr. Sandesh S. Gurav, Prof. Dr. S. D.   Patil, Dr. V. R. Jadhavar & Dr. V.S. Shinde
Prof. Dr. D.V. Bhagat has been nominated as a District coordinator for Avishkar research convention conducted by University of Mumbai.
Best paper presenter Award at the International Conference: - Prof. Dr. D. V. Bhagat & Prof. Dr. S. D. Tupare
Prof. Dr. S. D. Tupare was awarded by best teacher award at State Level
Dr. V. R. Jadhavar was awarded the Global International award
Excellence in Avishkar research convention by University of Mumbai – Dr. (Mrs.) S. T. Morbale
Dr. M. D. Shirsath was awarded the best Teacher award at National Level.
Winner of Bronze medal at Inter-University water Polo competition
Best NSS Volunteer award by University of Mumbai- Miss Krushnali D. Gharat
Mr. Aditya Anil Watve and Miss. Shrushti Khandekar was awarded 1st rank award with Rs. 5000/- cash award in Dist. level Quiz competition organized by HIV-AIDs Control Board and NSS, Raigad.
Faculty published 77 research papers in National/International Journals. Out of these, 20 papers published in web of science, Scopus indexed journals, remaining papers are published in UGC care listed and peer reviewed journals.

Concluding Remarks :

The college is run by the Konkan Education Society, Alibag. It is affiliated to the University of Mumbai and is recognized by UGC under 12(B) and 2(f) and we are getting the UGC grant in aid for college development. The

institution works as per its vision and mission statement. It has been functioning for the progress of rural masses of the locality since its establishment since 1992.

The priority and thrust area of the institute is "Socio-economic upliftment of Reserved Category Students through Quality Education". It has successfully been marching ahead and taking efforts endlessly for the betterment of the socio-economically backward section of society. Around 75% of students enrolled in college belong to economically and socially backward sections of society. The college has made a commendable contribution in shaping the careers of its thousands of students and played a pivotal role in their overall development, which in turn has brought laurels to the college. The college has an eco-friendly campus, required infrastructure facilities and support services for the betterment of the students.

The college was first accredited by NAAC in 2004 at a 'C+' Grade and an overall institutional score was 62.20% It was reaccredited by NAAC in 2012 at a 'B' Grade with a CPGA score of 2.20 on 4 point scale. The college was accredited by NAAC at a 'B+' Grade in the Third Cycle of Accreditation with a CGPA Score of 2.68 on 4 point scale in academic year 2016-17.