



## YEARLY STATUS REPORT - 2021-2022

### Part A

#### Data of the Institution

##### 1. Name of the Institution

KCES'S POST GRADUATE COLLEGE OF SCIENCE, TECHNOLOGY AND RESEARCH, JALGAON

- Name of the Head of the institution **Dr. Vishvanath S Zope**
- Designation **Principal**
- Does the institution function from its own campus? **Yes**
  
- Phone no./Alternate phone no. **+912572236036**
- Mobile no **9422224616**
- Registered e-mail **pgcollege@kces.in**
- Alternate e-mail **dr\_zope@rediffmail.com**
- Address **Jilha Peth, M. J. College Campus**
- City/Town **Jalgaon**
- State/UT **Maharashtra**
- Pin Code **425002**

##### 2. Institutional status

- Affiliated /Constituent **Affiliated**
- Type of Institution **Co-education**
  
- Location **Semi-Urban**

- Financial Status **Self-financing**
- Name of the Affiliating University **Kavayitri Bahinabai Chaudhari North Maharashtra University, Jalgaon**
- Name of the IQAC Coordinator **Prof. S. N. Patil**
- Phone No. **02572236036**
- Alternate phone No. **8806680979**
- Mobile **8999434263**
- IQAC e-mail address **pgcollege@kces.in**
- Alternate Email address **snpatil012@gmail.com**

**3. Website address (Web link of the AQAR (Previous Academic Year))** <http://pgcollege.kces.in/Iqac/iqac>

**4. Whether Academic Calendar prepared during the year?** **Yes**

• if yes, whether it is uploaded in the Institutional website Web link: <https://pgcollege.kces.in/pdf/academiccalendar/Academiccalendar202122.pdf>

**5. Accreditation Details**

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 1</b>	<b>B+</b>	<b>2.52</b>	<b>2020</b>	<b>11/03/2020</b>	<b>10/03/2025</b>

**6. Date of Establishment of IQAC** **17/12/2018**

**7. Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,**

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>NIL</b>	<b>00</b>

**8. Whether composition of IQAC as per latest NAAC guidelines** **Yes**

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

IQAC

**9.No. of IQAC meetings held during the year**      **3**

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

- If No, please upload the minutes of the meeting(s) and Action Taken Report      No File Uploaded

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

- If yes, mention the amount

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

Introduction of new programmes (M. Sc. Analytical Chemistry, M. Com and M. A. Psychology) and faculties such Arts & Humanity and Commerce & Management .

Enhancing and up-gradation of infrastructural facilities.

Organisation of seminar and workshop on skill development.

Development of Strategies to cracks competitive examinations

Community awareness programs

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

Plan of Action	Achievements/Outcomes
Introduction of new programmes	Introduction of new programs (M. Sc. Analytical Chemistry, M. Com and M. A. Psychology) and faculties such Arts & Humanity and Commerce & Management .
Enhancing and up gradation of infrastructural facilities.	Established Laboratories for M. Sc. Analytical Chemistry equip with necessary instruments
Organisation of seminar and workshop	Organised workshop and seminar on IPR, Soft Skill development, Competitive examination guidance, Induction training for staff etc.
Organisation of Community awareness programs	Organised poster and essay competition on health awareness by microbiology department. Expert talk by Dr. Rahul Mayur on Diagnostic techniques.

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

- Name of the statutory body

Name	Date of meeting(s)
IQAC	29/12/2022

14. Whether institutional data submitted to AISHE

**Part A**

**Data of the Institution**

<b>1.Name of the Institution</b>	KCES'S POST GRADUATE COLLEGE OF SCIENCE, TECHNOLOGY AND RESEARCH, JALGAON
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• Designation	Principal
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• Pin Code	425002
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• Type of Institution	Co-education
• Location	Semi-Urban
• Financial Status	Self-financing
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• Name of the IQAC Coordinator	Prof. S. N. Patil				
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• IQAC e-mail address	pgcollege@kces.in				
• Alternate Email address	snpatil012@gmail.com				
<b>3.Website address (Web link of the AQAR (Previous Academic Year))</b>	<a href="http://pgcollege.kces.in/Iqac/iqac">http://pgcollege.kces.in/Iqac/iqac</a>				
<b>4.Whether Academic Calendar prepared during the year?</b>	Yes				
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://pgcollege.kces.in/pdf/ac_calendar/Academic_calendar_2021_22.pdf">https://pgcollege.kces.in/pdf/ac_calendar/Academic_calendar_2021_22.pdf</a>				
<b>5.Accreditation Details</b>					
Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
Cycle 1	B+	2.52	2020	11/03/2020	10/03/2025
<b>6.Date of Establishment of IQAC</b>			17/12/2018		
<b>7.Provide the list of funds by Central / State Government UGC/CSIR/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.,</b>					
Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount	
NIL	NIL	NIL	NIL	00	
<b>8.Whether composition of IQAC as per latest NAAC guidelines</b>			Yes		
• Upload latest notification of formation of IQAC			<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>			3		
• Were the minutes of IQAC meeting(s)			Yes		

<p>and compliance to the decisions have been uploaded on the institutional website?</p>		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>	<p>No File Uploaded</p>	
<p><b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b></p>	<p>No</p>	
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>		
<p><b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b></p>		
<p>Introduction of new programmes (M. Sc. Analytical Chemistry, M. Com and M. A. Psychology) and faculties such Arts &amp; Humanity and Commerce &amp; Management .</p>		
<p>Enhancing and up-gradation of infrastructural facilities.</p>		
<p>Organisation of seminar and workshop on skill development.</p>		
<p>Development of Strategies to cracks competitive examinations</p>		
<p>Community awareness programs</p>		
<p><b>12. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year</b></p>		
<p></p>		

Plan of Action	Achievements/Outcomes
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Organisation of Community awareness programs	Organised poster and essay competition on health awareness by microbiology department. Expert talk by Dr. Rahul Mayur on Diagnostic techniques.

<b>13.Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>
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<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>
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Name	Date of meeting(s)
IQAC	29/12/2022

<b>14.Whether institutional data submitted to AISHE</b>
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Year	Date of Submission
2022	10/12/2022

<b>15.Multidisciplinary / interdisciplinary</b>
1. Multidisciplinary/interdisciplinary: KCES PGCSTR, Jalgaon is an affiliated college to KBC North Maharashtra university, it has to follow a road map or guidelines prepared and provided by the State Government. Whenever University prepares or provides a curriculum to implement the multidisciplinary / interdisciplinary



structure of New Education Policy the college will abide by it. The college has made available an opportunity within the campus to implement Multidisciplinary / interdisciplinary courses in addition to Science, Arts and Commerce faculty offering post degree programs on the same campus. The institution has already proposed and started creating enough infrastructures to allow such facilities. In order to develop the all-round capacities of the students - intellectual, aesthetic, social, physical, emotional and moral in an integrated manner, the college is preparing to include multidisciplinary subjects as per the National Educational Policy 2020. In view of the NEP, university has initiated new Academic programmes are re-designed to include Multidisciplinary /Interdisciplinary courses as electives. All programmes are designed in such a way that students get maximum flexibility to choose elective courses offered by other Departments. It can be said that the University is proactively working towards implementation of the suggestions given in the NEP.

The College has a holistic and multi-disciplinary institution offering a fine mix of programs belonging to Science, Technology, Commerce and Management, through its 07 academic program which comprise a fine-mix of time-honored, contemporary, and cutting-edge knowledge which are need-based and evolved after adequate inquest of the academic, business, community, employment, entrepreneurship, and futurist developmental requirements at Global- National-Regional-Local model involving multiple stakeholders.

Introduction of CBCS emphasizes that all programs have well defined Program, Program-Specific and Course outcomes, in all respect, so that the students possess the requisite knowledge and exhibit skills-attitude required for start-up, entrepreneurship, incubation/industrial/public services need from time to time. The courses under CBCS are identified as per the local job opportunities, market needs and skill requirements.

#### **16.Academic bank of credits (ABC):**

Academic bank of credits (ABC): As per National Education Policy 2020, the Academic Bank of Credits (ABC) has been imagine to facilitate the academic mobility of students with the freedom to study across the Higher Education Institutions in the country with an appropriate "credit transfer" mechanism from one programme to another. The credits earned by students will be deposited in their ABC 'Academic Account.' If the student moves

to a different institution, the accumulated credits get transferred to the account of the new institution. Credits may be transferred from an institution to be accumulated in another programme offered by the same or another institution. Once the credit is redeemed for the award of the above, it would be irrevocably debited from the respective student's 'Academic Account' of ABC. Student Stores credit for a minimum shelf life of 7 years. Transfer credit through a single window after approval of source and destination academic institution

**Allocation:** The process of assigning a number of credits to qualifications, degree programmes or single educational components. Credits are allocated to entire qualifications or programmes according to respective Universities or Autonomous institutions participating in the ABC scheme

**Accumulation:** A student can accumulate credits in order to obtain qualifications, as required by the degree-awarding institution, or to document personal achievements for lifelong learning purposes

**Awarding:** Credits are awarded to individual students after they have completed the required learning activities and achieved the defined learning outcomes, as evidenced by appropriate assessment.

With freedom of mobility, the ABC will help to decrease dropouts and increase the Gross Enrolment Ratio (GER) in higher education. The Academic Bank of Credit concept is yet to be implemented by the College. For this purpose, the college has decided to constitute a committee to prepare a path for effective integration of ABC in its academic programs. The workshops for stakeholders like -Principals, Teachers, Students, Staff of university and colleges and parents, for sensitizing, usage, and benefits of Academic Bank of Credits.

### **17.Skill development:**

**Skill development::** As per the guideline of NEP-2020, vocational and technical education enable students empowered with skills and knowledge, required for employment and entrepreneurship development. The affiliated university has successfully implemented CBCS pattern. It includes skill based courses in each semester for more exposure to the theory and practical aspects. As the part of curriculum, institution conducted an audit course namely Soft Skills (AC 201-A) to develop vocational education and

soft skills amongst the students in alignment with National Skills Qualification Framework. Total 50 students have participated in the course, co-ordinated by Prof. Sandip Patil (Head, Department of Microbiology). In this programme, students were exposed to variety of resume writing, communication skill, interview presentation etc. during the invited talks by expert resource person.

Students of M. Sc. (Biotechnology) undertook an Industrial Biotechnology, in which, topics cope with the challenges and demanding skills of the particular industry. It includes Bioethics and Biosafety, Principals of Management, Marketing concepts and functions, Concept and importance of entrepreneurship and self-employment in India, ISO 9000 quality system standards and Intellectual Property Rights (IPR).

The college is making sincere efforts for providing value based education to the students under privileged sections of society and makes them responsible citizen. In the annual youth festival of university namely Yuvarang 2021, a team of 10 students was participated under supervision of Dr. R. M. Patil (Head, Department of Organic Chemistry) at Pujya Sane Guruji Arts, Science and Commerce College, Shahada (Nandurbad). During the tenure of 4 days (19th April to 23th April 2022), students performed various cultural activities and experienced very energetic atmosphere full of constitutional and human universal values like truth, righteous, peace, love, non-violence, scientific temper, citizenship values and also life skills.

On 3rd January 2022, Poster and Essay writing competition on Community Health Awareness was organized by Department of Microbiology of college. 45 students were participated to aware local people about good health policies and practices, considering a part of social duty.

Due to Covid-19 pandemic period, few programmes were conducted via online mode using technology to offer knowledge regarding skill based education, for distant students, most importantly rural as well as tribal students.

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

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

A good education institution is one in which a wide range of learning experiences with multiple subjects and courses are offered, in local language as well. Every student should feel welcomed and cared for a safe and stimulating learning environment that existing institutions. Equally more efforts should be put for local languages having rich oral and written literatures, cultural traditions, and knowledge.

When learners are engaged in science, the language of communication they use tries to be more precise and consistent. Science often introduces technical words with specific meanings and also gives scientific meaning to words that may have different usage in everyday language. A traditional view of language in science is that it plays a passive role, that it is simply the vehicle whereby meaning and information are conveyed from one speaker to another of his language of convenient. Attempting to express a new scientific idea becomes merely a matter of finding the right words in local language. Teaching science requires hands-on experiments and investigation, providing students with opportunities to learn science concepts through multimedia materials, field trips, and non-conventional teaching approaches. Hence, the college put efforts to train the teachers and advice to provide the class room teaching in mother language i.e. Marathi.

Majority of local students of Maharashtra are Marathi, this prioritizes the need of textbook content in our language. However, students should be free to opt for Marathi or English or both the modes of teaching depending on the facility hassle free time schedule.

School Education department of Maharashtra government initiate to introduce some subject content in the Marathi language which is well-aligned with the National Education Policy (NEP), which should be extended to UG and PG also.

This initiative will help students from a rural background, with limited knowledge of English. The regional language textbooks will make the pedagogy process easier. Teachers with subject expertise as well as student-friendly way of teaching, especially when dealing with those from economically backward class and scheduled tribe, count the most important. Knowing the basics of creating a healthy learning environment and maximizing the learning of such students is one of the founding training key pillars.

**Best Practice:** the College always promotes to write articles in college Magazine 'SPHATIK' in Marathi, Hindi and Urdu. It helps the exposure of the students in proper direction for developing there selves to deliver their thoughts and information.

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

5. Focus on Outcome based education (OBE): Choice Based Credit System (CBCS) has successfully implemented by affiliated university as per the guidelines of UGC, for the all the programs from the academic year 2021-22.

The CBCS give emphasis to that all programs that have well defined Program out comes (POs), Program-Specific out comes (PSOs) and Course outcomes (COs). Learning Outcome based Curriculum Framework (LOCF) provides requisite knowledge and skills-attitude that enable students for start-up and entrepreneurship development. The courses under CBCS are identified as per the local job opportunities, market needs and skill requirements. About 40% of the PG Programs have been embedded with the experiential learning components which helps students for their technical skill development.

The College encourages interdisciplinarity, creativity and innovation in its teaching-learning processes, with stress on associating theoretical knowledge and practical training for problem solving. The college takes on conventional as well as modern teaching methodologies to make the learning process student centric. Teachers support the conventional lecture methods by other modern teaching methodologies to make the learning process more interesting and enriching to the students.

The Institutional initiatives to transform its curriculum towards OBE are as fallows

- The institute adopts black board, digital and e-learning resources as teaching method. This makes learning resources more creative, dynamic and interesting. Institute also follows innovative methods of teaching which include group discussion, seminar. Department of chemistry uses model making by using ball and sticks to create the interest of the difficult topic among the students.
- Students are encouraged to participate in university research festivals like *Avishkar*, conferences, webinar and seminar which gives opportunity to students to meet various

scientists, and researchers to exchange the interdisciplinary innovative scientific ideas.

- Exposure to Science festival, exhibition, industrial visit and training equipped students with technical skills required to increase the job opportunities.
- Introduction of Audit courses helps to improve scientific writing skill including research article, review, abstract note and research paper.

Best Practice: The College displayed POs, PSOs and COs on notice board in respective laboratories for the benefits of students. Teachers also put their efforts to achieve all teaching and learning outcomes.

## 20.Distance education/online education:

6. Distance education/online education: National education policy plays very important role in online education. Online tools and platforms like Study Webs of Active learning for Young Aspiring Minds (SWAYAM), DIKSHA, etc. will be enhanced teaching and learning aids. Virtual labs made big changes in the learning process that's why students can relearn their knowledge. In every education, the aspects like educational technology, administration, e-governance, online assessment and examinations are focused on online learning. In the influence of internet and World Wide Web, digital technology and other global issues are sorted.

In the Covid-19 pandemic situation the online platform of teaching and learning plays a very important role. Students can clarify their doubts through live chats or forums by staying at the comfort and safety of their home. Also, the lecture notes are provided to the students in online mode.

Open Distance Learning (ODL) modes are not only imparting education as an alternative to the formal system, but also in areas such as vocational and technical and continuing education, also in high technology based education. To the learner, ODL means more freedom of access and has a wider range of opportunities for learning and qualification. It refers to the provision of flexible educational opportunities in terms of access and multiple modes of knowledge acquisition. Distance Education is very significant for the socio-economic development of the region. Distance Education can no longer be considered as supplementary form of education in comparison to the traditional mode of higher education.

In recent days a growing interest has been noticed in vocational education and training through ODL mode not only among young generations but also it is golden opportunity for working people as they can continue their studies in this stream through open and distance mode. As a result they can increase their skill and capacity in this sector and can try for the betterment for job satisfaction.

Technological developments make students more active, creative and developing interest in learning. In the learning process, the role of Educational Technology is not only as a medium or tool but also as a communication tool between educators and their students/learners. The very effective audio-visual aids in the field of education plays an incredible role.

As per the UGC norm, college has freedom to cover 25% of existing curriculum to be taught online learning mode. For effective implementation college has established four technology enabled classrooms with state-of-the-arts facilities.

**Best Practice:** The college has dedicated learning management system (LMS) where the faculty members encouraged uploading the video lectures on the college website. The college has a robust IT infra structure, Wi-Fi enabled campus, computer labs and classrooms with internet connectivity. All these are supportive for blended learning experience to the students.

## Extended Profile

### 1.Programme

1.1 159

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

File Description	Documents
Data Template	<a href="#">View File</a>

### 2.Student

2.1 340

Number of students during the year

File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>

2.2 170

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

File Description	Documents
Data Template	<a href="#">View File</a>

2.3 152

Number of outgoing/ final year students during the year

File Description	Documents
Data Template	<a href="#">View File</a>

### 3.Academic

3.1 19

Number of full time teachers during the year

File Description	Documents
Data Template	<a href="#">View File</a>

3.2 21

Number of sanctioned posts during the year



<b>Extended Profile</b>	
<b>1.Programme</b>	
1.1 Number of courses offered by the institution across all programs during the year	<b>159</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>2.Student</b>	
2.1 Number of students during the year	<b>340</b>
File Description	Documents
Institutional Data in Prescribed Format	<a href="#">View File</a>
2.2 Number of seats earmarked for reserved category as per GOI/ State Govt. rule during the year	<b>170</b>
File Description	Documents
Data Template	<a href="#">View File</a>
2.3 Number of outgoing/ final year students during the year	<b>152</b>
File Description	Documents
Data Template	<a href="#">View File</a>
<b>3.Academic</b>	
3.1 Number of full time teachers during the year	<b>19</b>
File Description	Documents
Data Template	<a href="#">View File</a>

3.2	<b>21</b>
Number of sanctioned posts during the year	

File Description	Documents
Data Template	<a href="#">View File</a>

**4. Institution**

4.1	<b>12</b>
Total number of Classrooms and Seminar halls	
4.2	<b>22.170984</b>
Total expenditure excluding salary during the year (INR in lakhs)	
4.3	<b>27</b>
Total number of computers on campus for academic purposes	

**Part B**

**CURRICULAR ASPECTS**

**1.1 - Curricular Planning and Implementation**

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

At the beginning of academic session the college prepares the academic calendar which consists of curricular, co-curricular and extracurricular activities for effective implementation and delivery of curriculum.

**Academic Calendar Preparation:** The college prepares academic calendar based on the University calendar. This gives clear picture of the available dates for noteworthy activities to ensure proper teaching-learning transaction and continuous evaluation. Considering the expertise/specialization of the faculty the courses are distributed. The academic calendar helps the college to manage the time bound organizations of various activities like webinar, online workshops, internal assessment schedule, etc. so that the curriculum delivery schedule goes smoothly.

**Pre-work at departmental level:** The Heads of Departments

conducts the meetings to distribute workload, allot subjects, and plan the activities of the department and to review the completed syllabus. Periodic assessment of curriculum delivery is conducted by IQAC through HODs.

**Continuous Evaluation:** Tests are conducted to check whether the students have acquired knowledge as outlined in the objectives of the curriculum.

**Memorandum of Lectures:** An appropriate records of attendance of students and memorandum of lectures of teachers were maintain in suitable modes in soft and hard copy formats.

**College Committees:** College constitutes various academic committees to organize various programs, lectures and guidance to the students.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://pgcollege.kces.in/pdf/ac_calendar/Academic_calendar_2021_22.pdf">https://pgcollege.kces.in/pdf/ac_calendar/Academic_calendar_2021_22.pdf</a>

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

College always adhere road map prepared as per academic calendar and for the conduct of Continuous Internal Evaluation. The college is affiliated to University hence, evaluation process is as recommended by the university and therefore, has limited scope for modifying the evaluation system. At present, semester system has been implemented for all programs of the college as per the university norms. Weightage for external evaluation is 60% and for internal evaluation is 40%. Internal examination for 40 marks includes written tests, seminar/s, tutorial/s, home assignments, oral and day to day performance/attendance of the students. Separate Practical sessions were organized for its evaluation of practical. Academic calendar of the college is prepared by considering the schedule of academic, co-curricular, Extra-curricular activities and holidays granted by the affiliated university. Department wise internal examination system is followed for smooth working with transparency. The college examination committee ensures effective implementation of all activities related to internal and external examinations

and assessments. Through continuous evaluation of students, the college identifies the students requiring special attention and offers necessary remedial measures. Since during this academic year there was pandemic situation for few months the evaluation system was conducted partially through online as well as off line modes.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://pgcollege.kces.in/Student_corner/notice">https://pgcollege.kces.in/Student_corner/notice</a>

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

A. All of the above

File Description	Documents
Details of participation of teachers in various bodies/activities provided as a response to the metric	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

## 1.2 - Academic Flexibility

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

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

07

File Description	Documents
Any additional information	<a href="#">View File</a>
Minutes of relevant Academic Council/ BOS meetings	<a href="#">View File</a>
Institutional data in prescribed format (Data Template)	<a href="#">View File</a>

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

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

03

File Description	Documents
Any additional information	<a href="#">View File</a>
Brochure or any other document relating to Add on /Certificate programs	<a href="#">View File</a>
List of Add on /Certificate programs (Data Template )	<a href="#">View File</a>

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

33

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of the students enrolled in Subjects related to certificate/Add-on programs	<a href="#">View File</a>

### 1.3 - Curriculum Enrichment

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

**Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum**

**Institution integrates crosscutting issues in the syllabus as**

**A. Environment and sustainability:**

MB-301: Microbiological treatment of waste water, Biological conversion of Ligno-cellulosic waste,

BT-303: Solid waste management, Waste water management, Air pollution management, Bioremediation, Biodegradation, Biodiversity (Global and National), Measurement of biodiversity,

MB 101: Microbial metabolic diversity and Conservation of microbial diversity, Extremophile bacteria (Archaea), algae, fungi, viruses, Biosensors, Nano-biosensors, Biomarkers and Bioreporter.

MB-403: Biological conversion of Lignocellulosic waste, Bioremediation and biodegradation of xenobiotics, Biomarkers and Bioreporters, Microbial contamination, Microbial spoilage (Types and factors) and preservation,

BT-101: Influence of Microbes on the Earth's Environment, Ecological impacts of microbes, Symbiosis (Nitrogen fixation and ruminant symbiosis), Microbes and Nutrient cycles.

BT-302: Transgenic plants with reference to Virus and Pest resistances - Herbicidal resistance, Stress tolerance (heat and salt), Cytoplasmic male sterility, Resistance to fungi and bacteria - Delay of fruit ripening.

CH-O-1: Environmental benign synthesis,

AC-101: Practicing Cleanliness : To make students aware of Clean India Mission and inculcate cleanliness practices among them various activities were organised such as Clean Campus Mission, Cleaning activities in campus.

#### B. Professional Ethics

BT-403: ISO 9000 quality system standards, Biosafety & IPR, CPM and PERT.

#### C: Human values

AC-101: Practicing Cleanliness (description is as above)

File Description	Documents
Any additional information	<a href="#">View File</a>
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	<a href="#">View File</a>

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

**4**

File Description	Documents
Any additional information	<a href="#">View File</a>
Programme / Curriculum/ Syllabus of the courses	<a href="#">View File</a>
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	<a href="#">View File</a>
MoU's with relevant organizations for these courses, if any	<b>No File Uploaded</b>
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

**128**

File Description	Documents
Any additional information	<a href="#">View File</a>
List of programmes and number of students undertaking project work/field work/ /internships (Data Template)	<a href="#">View File</a>

**1.4 - Feedback System**

**1.4.1 - Institution obtains feedback on the syllabus and its transaction at the**

**A. All of the above**

**institution from the following stakeholders**  
**Students Teachers Employers Alumni**

File Description	Documents
URL for stakeholder feedback report	<a href="https://pgcollege.kces.in/pdf/naac/agar_21_22/1.4.2_2021_22_Feedback_process_of_the_Institution.pdf">https://pgcollege.kces.in/pdf/naac/agar_21_22/1.4.2_2021_22_Feedback_process_of_the_Institution.pdf</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

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

File Description	Documents
Upload any additional information	<a href="#">View File</a>
URL for feedback report	<a href="https://pgcollege.kces.in/pdf/naac/agar_21_22/1.4.2_2021_22_Feedback_process_of_the_Institution.pdf">https://pgcollege.kces.in/pdf/naac/agar_21_22/1.4.2_2021_22_Feedback_process_of_the_Institution.pdf</a>

**TEACHING-LEARNING AND EVALUATION**

**2.1 - Student Enrollment and Profile**

**2.1.1 - Enrolment Number Number of students admitted during the year**

**2.1.1.1 - Number of students admitted during the year**

**340**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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



supernumerary seats)

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

239

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of seats filled against seats reserved (Data Template)	<a href="#">View File</a>

**2.2 - Catering to Student Diversity**

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

Each teacher of the department assess learning levels, during post admission process through interaction with the students as well as on the basis of marks obtained in the first test conducted to assess the learning levels of the students. The online classroom interaction and score obtained in the first unit test enable the subject teachers to assess the knowledge, skills and aptitude of the students of the subject. This enables segregation of students into slow and advanced learners. The College gives emphasis on improving the performance of slow learners by providing remedial programmes which are conducted side by side along regular classes.

Through a mentor-mentee system also all kinds of support are provided to the slow learners. The mentor also identifies skills and strengths of students and encourages them to sharpen them which help to build up self-confidence resulting in improvement in academic performance also.

Special efforts are taken for the toppers and identified smart students of each class to develop their communication, leadership and team building skills. Students are encouraged to take part in the various competitions, Science exhibitions, quiz, elocution, debate etc, in which they can prove their abilities. Advance learners are motivated to enroll for certificate course.

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/home">https://pgcollege.kces.in/home</a>
Upload any additional information	<a href="#">View File</a>

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

Number of Students	Number of Teachers
340	19

File Description	Documents
Any additional information	<a href="#">View File</a>

### 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

Teaching-learning methods adopted by the faculty members include Lecture Method, Interactive Method, Project-based Learning, Computer-assisted Learning, Experiential Learning, etc.

Lecture method: This conventional method is commonly adopted by all teachers. This method facilitates the teacher to interpret, explain and revise the content of a text-only for better understanding of the subject by the learners.

Interactive method: The faculty members make learning interactive with students by motivating student to participate in group discussion, role-play, subject quiz, news analysis, discussion, and questions and answers on current affairs relevant to syllabus.

Use of ICT: Suitable technological learning environment is created by the frequent use of Computer Assisted Teaching Aids like Power point presentations, simulations, interactive ICT based learning, online access to web resources, use of interactive whiteboard accessories, use of subject specific software such as MINITAB, MATLAB, R-software, TORA, C++, CHEMDRAW, RasMol, Mega4, SigmaPlot14.0, etc. Problem based learning is also one of the methods adopted by the faculty members. Students are involved in preparation of charts and graphs. Audio- Visual methodology, Industrial Visits, Field Work

and Projects are some of the means utilize by the Departments to provide experiential and participative learning.

Participation of Students: For final year students, classroom seminars are organized by departments and students are encouraged to actively participate in such seminars. Departments organize study tours, field and industrial visits, practical sessions and projects.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Link for additional information	Nil

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

Integrating ICT in education leads to engage learners in meaningful, active and relevant learning. Integration of ICT in the educational process by teachers enhances teacher-learner contact as an essential part of a good educational environment through interactive chat sessions, discussions on videos, animations, PowerPoint presentations etc. Google Meet and Zoom platforms were used for lectures, practical sessions, webinars, workshops, and other academic interventions.

PowerPoint presentations- Faculties are encouraged to use power-point presentations in their teaching by using LCD's and projectors. Online quiz- Faculties prepare online quiz for students after the completion of each unit with the help of GOOGLE FORMS.

ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. The students and faculty make use of email, group mails, and social networking tools for instantaneous communication and information dissemination.

The following ICT tools are used by the Institute:

1. Projectors- projectors are available in different classrooms/labs

2. Desktop and Laptops- Arranged at Computer Lab and at various departments.

3. Printers- They are installed at Labs, HOD Cabins.

4. Scanners- Multifunction printer is available at office.

5. Seminar Rooms- Three seminar halls are equipped with all facilities.

6. Auditorium- Digitally equipped with mike, projector and computer system.

7. Online Classes through Zoom, Google Meet, Google Classroom.

8. Library is equipped with e-Granthalaya Software Ver.3.0 and OPAC

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	<a href="#">View File</a>

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

#### 2.3.3.1 - Number of mentors

21

File Description	Documents
Upload, number of students enrolled and full time teachers on roll	<a href="#">View File</a>
Circulars pertaining to assigning mentors to mentees	<a href="#">View File</a>
Mentor/mentee ratio	<a href="#">View File</a>

### 2.4 - Teacher Profile and Quality

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

19

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View File</a>

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

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

04

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

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

**2.4.3.1 - Total experience of full-time teachers**

72

File Description	Documents
Any additional information	No File Uploaded
List of Teachers including their PAN, designation, dept. and experience details(Data Template)	<a href="#">View File</a>

**2.5 - Evaluation Process and Reforms**

2.5.1 - Mechanism of internal assessment is transparent and robust in terms of frequency and

mode. Write description within 200 words.

At the begging of the academic year, students are briefed through Induction training workshop by the Principal and HODs about internal assessment, question paper patterns and university examinations. Schedules for examination are made available on the college websites. Students are also advised to see frequently university website for the same. For efficient understanding of the evaluation process, the faculty member gives class-wise/course wise instructions about structure of internal/external evaluation to the students. Concerned subject teachers notify changes in schedules, patterns, methods if any, to the students through Whatsapp groups and, e-mail. Internal examination answer books are shown to students after evaluation to the students in the class for self-evaluation. The subject teacher briefs the students in the classroom about their attendance and performance in the internal examinations. Grievances if any, regarding the assessment are resolved by the concern teacher through interactions. Internal assessment programs are designed by considering problems of different difficulty levels to test various aspects of the ability of the students such as knowledge, understanding, application, analysis, synthesis, evaluative abilities.

Semester system with CBCS has been implemented by the University for Courses. Total weightage for external evaluation is 60% and for internal evaluation is 40%. Internal marks (40) are divided as Test-1(20 marks) and Test-2 (20 marks). Weightage are also given to day to day performance punctuality and regularities of the students in the class.

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://pgcollege.kces.in/Student_corner/notice">https://pgcollege.kces.in/Student_corner/notice</a>

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

The assessed internal test papers are shown to the students immediately after the assessment for self evaluation. In case of any grievances regarding internal assessment, the student is free to interact with the teacher and get it resolved. The unresolved grievance, if any, is referred to the concerned Head

of the Department through the teacher. As per the university norms, the methods of grievance redressal regarding university assessment the students have right to apply for verification of answer books, right to apply for photocopy of answer books and right to challenge the valuation of answer books. The candidate who appeared at the university examination can apply to the university within a prescribed period from the date of declaration of the concerned examination. The result of the verification of marks is communicated to the candidate concerned, within a period of 30 days from the last date of receipt of application by the university.

The prescribed application form for photocopy of answer books and verification of marks duly filled in and signed by the applicant are to be submitted to the Principal of the College within twelve days (both days inclusive) from the date of declaration of general results of the relevant examination. However, the photocopies of answer books of practical examinations marks, viva-voce, are not supplied to the examinee(s). The college takes special initiative for resolving group grievances, if any, regarding university

File Description	Documents
Any additional information	<a href="#">View File</a>
Link for additional information	<a href="https://pgcollege.kces.in/Student_corner/notice">https://pgcollege.kces.in/Student_corner/notice</a>

## 2.6 - Student Performance and Learning Outcomes

2.6.1 - Programme and course outcomes for all Programmes offered by the institution are stated and displayed on website and communicated to teachers and students.

Being affiliated to the university, the college has little role in defining the Program Outcomes, Program Specific Outcomes and Course Outcomes. Outcomes are stated by the Board of Studies of respective subjects during the syllabus framing meetings and workshops organized by university.

- However, college alternatively defined Program Outcomes, Program Specific Outcomes and Course Outcomes and displayed on the college website. This way, it is intended to communicate the newly designed POs, PSOs and COs to all the concern stakeholders immediately, as it is the fast and efficient medium.

- This year a online lectures through power point presentations regarding POs and PSOs were organized so as to enable students to clearly about it.
- New action plan customizing the learning experiences in accordance with the predefined Program Outcomes, Program Specific Outcomes and Course Outcomes is being requested for, from the teachers and students:
- Course Outcomes and Program Specific Outcomes are displayed in the Laboratory.
- The college has published booklets containing POs, PSOs and COs for all the programs run by this college, the copies of which are made available to the students and teachers and also in college library.
- The charts showing Program Outcomes as well as Program Specific Outcomes have been displayed in the departments. At the beginning of every semester, each subject teacher conveys course outcomes to students in his introductory lectures.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://pgcollege.kces.in/Footer/outcome">https://pgcollege.kces.in/Footer/outcome</a>
Upload COs for all Programmes (exemplars from Glossary)	<a href="#">View File</a>

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

The level of attainment of Program Outcomes, Program Specific Outcomes and Course Outcomes are measured using various indicators throughout the semester of the academic year. The faculty provides home assignments to students, conducts internal tests, viva voce, quiz, projects etc. in order to assess the Programme Outcomes and Programme Specific outcomes attained by each student.

Some of the key indicators of measuring attainment are:

1. University Examination: Being an affiliated college of



University, the students have to appear for the examinations as per the semester and annual pattern set by the university, through which the College measures programme outcomes based on the course attainment level fixed by the programme.

2. Internal Assessment: The students are given assignments which are designed in alignment with Programme Outcomes of the respective subject to judge the performance of students on a regular basis.

3. Practical Assessment: It is evaluated by inviting external experts appointed by the university to evaluate each student by conducting Practical examinations, and taking Viva-Voce and evaluating the practical journals.

4. Result Analysis: At the end of each semester, result analysis of each course is carried out. This is an effective indicator in order to evaluate the level of attainment of POs, PSOs and COs as specified by the university.

5. Project: Students are encouraged to undertake projects, fieldwork, etc.

6. Placement: students are trained for necessary skills and practical experience in their chosen discipline which helps in providing ample opportunities for students to get placed in esteemed companies.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/2.6.2_Any_additional_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/2.6.2_Any_additional_AQAR_2021_22.pdf</a>

### 2.6.3 - Pass percentage of Students during the year

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

140

File Description	Documents
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Paste link for the annual report	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/2.6.3_2_Any_additional_anual_report_of_result_all_dept_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/2.6.3_2_Any_additional_anual_report_of_result_all_dept_AQAR_2021_22.pdf</a>

## 2.7 - Student Satisfaction Survey

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

[https://pgcollege.kces.in/pdf/naac/aqar\\_21\\_22/2.7.1\\_SSS\\_AQAR\\_2021\\_22.pdf](https://pgcollege.kces.in/pdf/naac/aqar_21_22/2.7.1_SSS_AQAR_2021_22.pdf)

## RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 - Resource Mobilization for Research

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

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

**0.29950**

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

**3.1.2 - Number of teachers recognized as research guides (latest completed academic year)**

**3.1.2.1 - Number of teachers recognized as research guides**

**01**

File Description	Documents
Any additional information	<a href="#">View File</a>
Institutional data in prescribed format	<a href="#">View File</a>

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

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

04

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	Nil

## 3.2 - Innovation Ecosystem

### 3.2.1 - Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

The college promotes the eco-system for research and innovation practices by motivating the faculty and students to participate in the seminars/workshops/conferences. It also provides financial needs and supports

Infrastructure- Computer laboratory with internet facility. All the members of faculty and non teaching staff and students are provided free internet facility.

Library facility-The library is enriched with references and rare books, and has separate reading room facility. The students freely access to library after their classes.

Innovation and Entrepreneurship development Cell: To nurture the entrepreneurship mindset among the young students Innovation and Entrepreneurship development Cell ( K-IEDC ) has been

established.

**Animal House Facility and Animal Tissue Culture Laboratory:** The College has signed the MoU with Department of Zoology, Moolji Jaitha College Jalgaon, to avail the Animal House Facility and Animal Tissue Culture Facility for students. This facility is available to boost the incumbents, teaching, training and research facilities to provide experimental animals in emergent field of Experimental Pharmacology, Medicinal and Chemical Industry.

**Central Instrumentation Laboratory:** The College has passed the resolution from Khandesh College Education Society's to avail the facilities of Central Instrumentation Laboratory. It provides latest instruments and technologies and acquires real time hands-on experience, which impart necessary technical skills to students that help them to improve employability.

**NPTEL- Swayam local chapter** This is an initiative of government to benefit students, teacher and society to enroll for various certificate and diploma courses in the field of arts, science, humanities and engineering.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/Student_corner/nptel">https://pgcollege.kces.in/Student_corner/nptel</a>

**3.2.2 - Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the year**

**3.2.2.1 - Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during the year**

02

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
List of workshops/seminars during last 5 years (Data Template)	<a href="#">View File</a>

### 3.3 - Research Publications and Awards

#### 3.3.1 - Number of Ph.Ds registered per eligible teacher during the year

##### 3.3.1.1 - How many Ph.Ds registered per eligible teacher within the year

00

File Description	Documents
URL to the research page on HEI website	<a href="https://pgcollege.kces.in/Academic/research">https://pgcollege.kces.in/Academic/research</a>
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc (Data Template)	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>

#### 3.3.2 - Number of research papers per teachers in the Journals notified on UGC website during the year

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

00

File Description	Documents
Any additional information	No File Uploaded
List of research papers by title, author, department, name and year of publication (Data Template)	<a href="#">View File</a>

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

##### 3.3.3.1 - Total number of books and chapters in edited volumes/books published and

**papers in national/ international conference proceedings year wise during year**

27

File Description	Documents
Any additional information	<a href="#">View File</a>
List books and chapters edited volumes/ books published (Data Template)	<a href="#">View File</a>

**3.4 - Extension Activities**

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

Various extension activities aimed at holistic personality development of the students that imbibe social concern and sensitize the students are regularly organized by the college.

**Yuvati Sabha:** Various events for the girl students related to their personnel health, career, woman empowerment, cyber security, women related rules and laws are organized through the Yuvati Sabha. Gender Equality program were organized in which students actively participated.

**Free Covid Vaccination awareness:** Vaccination camp was organized in association with Joint Director, Higher Education, Jalgaon and Indian Red Cross society Jalgaon. Up to date data for the vaccination of College students was prepared regarding number of doses, type of doses etc.

**Community Health awareness:** IQAC of the college organized Community health awareness program in which students of department of microbiology exhibit the poster of various diseases caused by pathogens.

**Guest Lectures by Eminent scholars:** The college provides an opportunity of expert lectures to the students by a reputed pathologist of the Jalgaon city, Dr. Rahul Mayur who talked about issues regarding diagnostic test for various communicable diseases.

**Various Socio-economical Issues;** College Annual Magazines SPHATIK, is an activity of every year which raise the issues of socio-economics. In this, student centric articles have been published. The annual Magazine contains in brief, selective

**pictorial representation of co-curricular, extra- curricular and extension activities.**

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/agar_21_22/3.4.1_Extension_activities_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/agar_21_22/3.4.1_Extension_activities_AQAR_2021_22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

**3.4.2.1 - Total number of awards and recognition received for extension activities from Government/ Government recognized bodies year wise during the year**

**01**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
Number of awards for extension activities in last 5 year (Data Template)	<a href="#">View File</a>
e-copy of the award letters	<a href="#">View File</a>

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

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

**04**

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of extension and outreach Programmes conducted with industry, community etc for the during the year (Data Template)	<a href="#">View File</a>

### 3.4.4 - Number of students participating in extension activities at 3.4.3. above during year

#### 3.4.4.1 - Total number of Students participating in extension activities conducted in collaboration with industry, community and Non- Government Organizations such as Swachh Bharat, AIDs awareness, Gender issue etc. year wise during year

295

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students participating in extension activities with Govt. or NGO etc (Data Template)	<a href="#">View File</a>

### 3.5 - Collaboration

#### 3.5.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year

##### 3.5.1.1 - Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year wise during the year

03

File Description	Documents
e-copies of related Document	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Collaborative activities with institutions/industries for research, Faculty	<a href="#">View File</a>



**3.5.2 - Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the year**

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

05

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

**INFRASTRUCTURE AND LEARNING RESOURCES**

**4.1 - Physical Facilities**

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

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

The Government of Maharashtra vides Its GR No. NGC 2012/ (247/12) MS 4, Dt.2 sep. 2013 has specified certain minimum requirements for colleges offering higher education. The following table provides the availability of infrastructure as per the recommended requirements.

Title Existing facility Land 10 acres non agricultural land  
Building

Main building=1

Statistics and Math building=1

Ladies hostel =1

Health center = 1

Total own buildings= 4 Principals Office

Office =143.22 sq. ft.

Principal Cabin = 143.22 sq. ft.

Meeting hall = 286.32 sq. ft.

Computer Laboratory Area 393.28 sq. ft

Laboratories

Laboratory Area In Sq. ft.

1. Biotechnology = 570

2. Chemistry

Physical =594

Organic =1139

Research Lab. =483.02

3 . Microbiology =768.4

Total 3510.22 sq. ft.

Library

No. of Books =848

Area: 653.30 sq. ft.

Record Room Yes with area 65 sq. ft. NAAC Room Yes with area 240 sq. ft Staff room

(Department wise)

Biotechnology=127.61 sq. ft.

Microbiology= 170.00 sq. ft.

Organic Chemistry = 112.00 sq. ft

Math & Stat. = 315 sq. ft.

Meeting Hall 286sq. ft Ladies room Yes with area 219.18 sq. ft  
Conference Hall

Two ICT enabled conference halls:

Hall No. 1 (Old conf.)=: 1637.7 sq. ft.

Hall No. 2 (New conf.): = 1208.5 sq. ft. Seminar Hall One with area 795sq. ft Lecture Halls

9 lecture halls having total area 5080.38 sq. ft.

5 ICT enabled classrooms with 3 smart class room having area 4706 sq. ft. Toilet Block (600 Sq. ft.)

2 Toilet blocks having area 249 sq. ft.

4 Toilet blocks having area 508.22 Sq. ft.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.1.1_Infra_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.1.1_Infra_AQAR_2021_22.pdf</a>

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

**Cultural activities Centre:**

1. Hall No. 1 (Old conf.)=: 1637.7 sq. ft.

2. Hall No. 2 (New conf.): = 1208.5 sq. ft.

3. Open Theater

**Out Door Sports Facilities:**

Sr.

Out Door Sports Facility

Area/Size

Year of Establishment

1

Athletics 2010 -11

Athletics 2010 -11

2010-11

2

Cricket

65 yards

2021-11

3

Khokho

1522.31 Sq ft.

2010-11

4

Kabaddi

426.51 sq.ft.

2010-11

5

Volly Ball

531.50sq.ft

2010-11

Indoor Sports Facilities:

Sr.

Indoor Sports Facilities

Area/Size

Year of Establishment

1

Badminton Court (2 Nos.)

Wooden Floored Two Badminton Courts Of 880 sq. ft. each

2010-11

2

Gymnasium

Gymnasium Hall Size 1850 sq. ft.

2010-11

3

Weight Lifting & Power Lifting

Gymnasium Hall Size 1850 sq. ft.

2010-11

Yoga and Naturopathy centre:

Sr.

Particulars of the facilities

Area/Size

Year of Establishment

1

Naturopathy centre(OPD Section)

1422.89 sq. ft.

2014

2

Naturopathy (IPD Section)

1422.83 sq. ft.

2014

3

Yoga Hall 01 No.

1794 sq. ft.

2005

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/agar_21_22/4.1.2_Adequate_facilities_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/agar_21_22/4.1.2_Adequate_facilities_AQAR_2021_22.pdf</a>

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

12

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.1.3_ICT_enable_Class_rooms_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.1.3_ICT_enable_Class_rooms_AQAR_2021_22.pdf</a>
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	<a href="#">View File</a>

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

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

**0.58453**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Upload audited utilization statements	<a href="#">View File</a>
Upload Details of budget allocation, excluding salary during the year (Data Template)	<a href="#">View File</a>

**4.2 - Library as a Learning Resource**

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

The College is having an Integrated Library Management System namely e- Grantahalaya, a software having version 3.0 in the library. The library is enriched with 908 books and 03 newspapers. The library provides open access facility to students. The library of the college is automated from the academic year 2018-19 with e-Granthalaya Software, one desktop computer for library administration and two computers with internet facility and wi-fi for student's access is available. The reading room is well furnished to accommodate 20 students at a time and provides conducive environment for study. A visitor record is maintained for students and faculty members, New Arrivals of books and journals are displayed on rack.

Online public access catalogue (OPAC) facility is made available in the library. OPAC is used by the students and faculty member for search of books by Title, Author, Subject name etc.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="https://pgcollege.kces.in/pdf/naac/agar_21_22/4.2.1_library_is_automated_using_ILM_S_e_granthalaya.pdf">https://pgcollege.kces.in/pdf/naac/agar_21_22/4.2.1_library_is_automated_using_ILM_S_e_granthalaya.pdf</a>

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

**B. Any 3 of the above**

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of subscriptions like e-journals,e-ShodhSindhu, Shodhganga Membership etc (Data Template)	<a href="#">View File</a>

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

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

**0.36361**

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

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



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

3

File Description	Documents
Any additional information	<a href="#">View File</a>
Details of library usage by teachers and students	<a href="#">View File</a>

**4.3 - IT Infrastructure**

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

The college has computer facility with 27 computers, one Laptop of latest configuration loaded with licensed operating systems and necessary software. Out of them, 15 computers are housed at computer laboratory for the use of students. In addition to these, every department has a computer with necessary accessories and

peripherals like printers, etc. Three computers with all these accessories and peripherals are available in the office.

**LCD Projectors:** College has 3 LCD projectors out of which two are fixed and one LCD projector is kept for its dynamic use as per their requirements.

**LAN:** One broadband connection of 40 MBPS capacity is spread over the campus. All the computers are connected through wired (LAN) and wireless Campus Area Network and the internet access is controlled through a firewall. The wi-fi connectivity covers in the campus area.

In the report year, due to COVID -19 pandemic condition all the teaching learning process was through a special wifi connection of Airtel with 100 MBPS.

**Hardware:** The College has been procuring the latest configuration hardware. The hardware is frequently updated through buy-back policy of the vendors as is needed. The college has 02 servers for library management, office database management; internet proxy server, firewall application, Wi-Fi management, student database management system etc. All these gadgetries are located and controlled by the centralized 'computer facility center' of Khandesh College Education Society.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.3.1Any_additional_Bills_Photo_of_IT_AQAR_2020_21.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.3.1Any_additional_Bills_Photo_of_IT_AQAR_2020_21.pdf</a>

#### 4.3.2 - Number of Computers

27

File Description	Documents
Upload any additional information	<a href="#">View File</a>
List of Computers	<a href="#">View File</a>

#### 4.3.3 - Bandwidth of internet connection in the Institution

A. ? 50MBPS

File Description	Documents
Upload any additional Information	<a href="#">View File</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View File</a>

#### 4.4 - Maintenance of Campus Infrastructure

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

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

22.170984

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Audited statements of accounts	<a href="#">View File</a>
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	<a href="#">View File</a>

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

During 2021-22, there was lockdown for few months, Hence, College takes care of all the safety precautions in terms of prevention of spreading the COVID-19 virus.

**Laboratory:** The college has 07laboratories attached to various departments, 01 computer laboratory. Optimum utilization of laboratory resources is ensured by the department.The College Focus on appropriate utilization of the instruments like UV-spectrophotometer, AAS, HPLC, GC, GelDoc System, FTIR-Spectrometer, Fermenter, Lyophilizer, Thermocycler, Brookfield viscometer etc.

**Classrooms:** The time-table for classroom teaching is prepared before the commencement of each semester where classroom wise schedule is clearly stated. Further, for the optimum utilization of the facilities and to provide opportunity of ICT based teaching in the smart classroom for all the departments, suitable and convenient time-table has been chalk out. The college has a dedicated power line from the Electricity Board of Maharashtra State. Power transformer is available within the campus so as to avoid fluctuations in voltage supply. For providing fluctuation-free, uninterrupted electric supply, equipments in the Central Instrumentation Laboratory (CIL) are connected to a dedicated online UPS.Gardener, sweeper, plumber, electrician and carpenter are appointed on contract by Society and controlled by estate manager of Society. Gardener maintains plantation of college campus. Housekeeping of college buildings, classroom, laboratories, library, office and corridor maintained by sweeper. Plumber looks after supply of water and drainage water system. Electrician maintains building power supply, and electrical gadgets.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.4.2_any_additional_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/4.4.2_any_additional_AQAR_2021_22.pdf</a>

## STUDENT SUPPORT AND PROGRESSION

### 5.1 - Student Support

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

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

272

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

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

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

11

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

<b>5.1.3 - Capacity building and skills enhancement initiatives taken by the institution include the following: Soft skills Language and communication skills Life skills (Yoga, physical fitness, health and hygiene) ICT/computing skills</b>	<b>A. All of the above</b>
---	----------------------------

File Description	Documents
Link to Institutional website	<a href="https://pgcollege.kces.in/pdf/naac/agar_21_22/5.1.3 Capacity Building AQAR 2021 22 .pdf">https://pgcollege.kces.in/pdf/naac/agar_21_22/5.1.3 Capacity Building AQAR 2021 22 .pdf</a>
Any additional information	<a href="#">View File</a>
Details of capability building and skills enhancement initiatives (Data Template)	<a href="#">View File</a>

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

**160**

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

**160**

File Description	Documents
Any additional information	<a href="#">View File</a>
Number of students benefited by guidance for competitive examinations and career counseling during the year (Data Template)	<a href="#">View File</a>

<p><b>5.1.5 - The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases Implementation of guidelines of statutory/regulatory bodies Organization wide awareness and undertakings on policies with zero tolerance Mechanisms for submission of online/offline students' grievances Timely redressal of the grievances through appropriate committees</b></p>	<p><b>B. Any 3 of the above</b></p>
--	-------------------------------------

File Description	Documents
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Details of student grievances including sexual harassment and ragging cases	<a href="#">View File</a>

**5.2 - Student Progression**

**5.2.1 - Number of placement of outgoing students during the year**

**5.2.1.1 - Number of outgoing students placed during the year**

**36**

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<b>No File Uploaded</b>
Details of student placement during the year (Data Template)	<a href="#">View File</a>

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

**5.2.2.1 - Number of outgoing student progression to higher education**

**08**

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of student progression to higher education	<a href="#">View File</a>

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

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

02

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Number of students qualifying in state/ national/ international level examinations during the year (Data Template)	<a href="#">View File</a>

**5.3 - Student Participation and Activities**

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

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

00

File Description	Documents
e-copies of award letters and certificates	No File Uploaded
Any additional information	No File Uploaded
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national/international level (During the year) (Data Template)	<a href="#">View File</a>

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

Though as per the university guidelines, there is no provision for the election of student council, however, for the involvement and participation in planning and organization of numerous academic and administrative, co-curricular and extracurricular activities and procedures, college encourages the students.

The students are actively participated in the various activities which were arranged by the college. In the Study tour, students are participated enthusiastically. For the organization of a variety of activities such as guest lectures, workshops and campaigns, youth festivals, Industrial tours, exhibitions, surveys, various competitions the students are fully supported and fascinated to success the above activities. Some of the evidences are as below.

- It was noticeable that on 22nd March 2022, prize distribution function was organized by a group student on behalf of college.
- Grievances Redressal Cell: Being a part of grievance redressal cell, students addressed and resolved grievances if any. However no case was reported during the academic year.

As per the circular by Joint Director, Higher Education, Jalgaon, college collected the day to day data of number of students vaccinated which includes the type of vaccine (covaxine and Covishield) taken by the students and faculty. This activity was co-ordinated by the students.



File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

06

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

### 5.4 - Alumni Engagement

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

The alumni association of the college contributes to the development of the institution through both, financial and non-financial means.

- Alumni Association is active and it has been registered as 'Post Graduate Alumni Association' (PAA) on 26/03/19
- The College regularly organizes meetings for planning and implementation of various innovative ideas, activities for quality enhancement of the college.
- Feed backs by the alumni helps for smooth functioning of the college.
- Presence of alumni enhances the creativity of the students in various activities and events such as college annual gathering, Fare-well Function, Fresher's Day etc. Non

financial contribution of alumni to the development of the college is given below:

- The alumni from professional field help in the process of industrial linkages, projects and placements.
- Our most of the alumni are working in various multinational industries having exposure to various plant processes such as drug manufacturing, drug design, pharmaceutical, biopharmaceutical, food processing, research and development, quality control and quality assurance unit.
- Alumni are invited as resource persons at various events, guest lectures and panel discussions. They provide inputs and share their experiences regarding skills, recent technologies & trends in corporate world, application of knowledge and corporate working culture.
- The Alumni Association provides an interface for establishing a link between the alumni, staff, and students of the institute.
- Two alumini, Shalini Chaudhari and Rupali chaudharicontributed financialy for academic devolpment of the college by providing Rs. 20000 by both.

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/Facilities/alumni">https://pgcollege.kces.in/Facilities/alumni</a>
Upload any additional information	<a href="#">View File</a>

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

**E. <1Lakhs**

File Description	Documents
Upload any additional information	<a href="#">View File</a>

## GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 - Institutional Vision and Leadership

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

#### Vision:

To be the Premier Source for Science and Technological

Education, empowering the youth, especially belonging to the underprivileged sections of society, through quality education by inculcating humanitarian values and enable them to meet the challenges of the contemporary knowledge society.

**Mission:**

- To install high standards of discipline, ethics and values amongst the future scientist.
- To encourage students to work hard under the meticulous guidance of the eminent teachers.
- To make their dream of bright future come true by holding a lucrative job with their overall personality development and improvement in the quality of life.

The Management and Principal, through IQAC and CDC of the college ensure the effective governance through action plans for conformity with the vision and mission of the institution. All the policies and action plans are thoroughly discussed in the Executive Committee meeting of the KCE Society, under the guidance and supervision of the Hon'ble President. The Principal and IQAC Cell monitor all the activities through regular meetings with all stakeholders to fulfill the vision and mission. Governance of the institution, in the beginning of the academic year, the college ensures the effective and comprehensive planning of the upcoming academic year and semester sessions. The College Development Committee (CDC) is the authoritative body in the academic policy and decision making of the institution.

**Perspective Plans:** The institution prepares perspective plan and institutional strategic plan for the overall development of the institution with the involvement of all the stakeholders.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

The College promotes the decentralization and participative

## management in various institutional practices

### Participative Management

The management of the College provides free hand to the Principal. The Principal is the Secretary for the College Development Committee (CDC) and convenes the meetings regularly. The deliberations which take place in the meetings are communicated to rest of the teaching and non-teaching staff. As per the policy of the IQAC, Principal appoints the faculty members as chairman for different committees to carry out the curricular, co-curricular and extra-curricular and extension activities in the college.

The Principal conducts the meetings with the faculty regularly for the smooth functioning of the college.

For the smooth administration and decentralization of it, departmental administration is control by Heads of each Department.

### Admission process

College constituted admission committee to conduct admission process smoothly. The admission committee facilitates the students in the admission process i.e. providing guidance for filling of the forms, counseling for filling the optional form of centralized admission process (CAP) for M.Sc. conducted by the university.

The office administration is controlled by head Clerk.

### A case study

In the year 2021-22, steering committee was formed by the IQAC for preparation of a Report of 'Annual Quality Assurance' of the college. Each chairman and sub-members of the seven criteria prepared documentations for quantitative and qualitative questions.

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/Administration/committees">https://pgcollege.kces.in/Administration/committees</a>
Upload any additional information	<a href="#">View File</a>

## 6.2 - Strategy Development and Deployment

### 6.2.1 - The institutional Strategic/ perspective plan is effectively deployed

KCE society's Post Graduate College of Science, Technology and Research has been in forefronts of academic, co-curricular extra-curricular, sports events/competition since its inception. The dedication of teaching staff for widening the horizon of the student to achieve the excellence in university merit was exhibited, when our brilliant students Mr. AnupKumar Rastogi from Biotechnology department grabbed position in University Merit list at M.Sc. examination held in 2021. Students of the college involved actively in Co-curricular and extracurricular activities by participating in university "Youth Festival" (Yuvarang) and university research festival "Avishskar".

#### Prospective Researchers' Scheme (PRS):

In order to inculcate the research attitude amongst the students, this year in prospective researchers' scheme 80 students guided by 13 teachers participated in the scheme and completed 23 research articles (and projects). A book namely 'A Compendium of Research Articles by Prospective Researchers' is published by college having ISBN (978-81-949083-0-2).

To enhance the statistical conceptual attitude among the students, college initiated the self-governing certificate course in statistical approaches in analysis. 10 students were successfully completed this certificate course. Value addition in the concern subject has been made available to the students through Certificate Courses namely Certificate Course in Analytical Chemistry and Certificate Course in Bio-analytical Techniques and Bioinformatics in which 20 students successfully completed these courses with higher grade.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/Perspective_plan.pdf">https://pgcollege.kces.in/pdf/Perspective_plan.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

#### Governing Body

**General body of the KCE Society:** The Management Council of the KCE Society is the supreme authority in evolving and executing strategic plans at the institutional level.

**President of KCE Society:** The members of the Management Council elect the President of the Society.

**Management Council:** The Management Council is an Executive body of the KCE Society. Management Council performs the functions like Approval of annual budgets and financial accounts, Review of grant utilizations, Authorization of bank account operations, approval of financial allocations, Infrastructure for academic, sports and other activities,

**College Development Committee (CDC):** Prepares an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth, and to foster excellence in curricular, co-curricular and extra-curricular activities.

**The Principal:** The Principal is the administrative and academic Head of the college.

**Research Development Committee:** Committee coordinates the research activities of the college.

**Academic Administration & General Administration:** The general office administration is supervised by the Head Clerk assisted by other supportive staff. He assists the Principal in the college administration.

**Functions of Various Bodies:** The College established the IQAC as per the norms of NAAC. The college has also constituted Grievance Committee, Ant ragging cell, Women's Grievance Redressal Cell, Counseling Cell for the smooth functioning of the college.

**Service Rules, Procedures and Recruitment:** The recruitment, service, promotion, superannuation etc., are governed by Maharashtra Government, UGC and management.

#### Grievance Redressal Mechanism

The College has constituted the Disciplinary & Grievance Committee.

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/Administration/cdc">https://pgcollege.kces.in/Administration/cdc</a>
Link to Organogram of the institution webpage	<a href="https://pgcollege.kces.in/pdf/Organogram.pdf">https://pgcollege.kces.in/pdf/Organogram.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

B. Any 3 of the above

File Description	Documents
ERP (Enterprise Resource Planning) Document	<a href="#">View File</a>
Screen shots of user inter faces	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
Details of implementation of e-governance in areas of operation, Administration etc(Data Template)	<a href="#">View File</a>

### 6.3 - Faculty Empowerment Strategies

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

The college is providing various welfare schemes for teaching and non-teaching staff which are as follows:

- Financial support to faculty for participation and attendance of Seminar, Conference, Workshop and Symposia.
- Advances against salary for teaching and non teaching staff on festival like Diwali.
- In the campus Health Centre facility for the teaching, non-teaching staff and students.
- The canteen facility is available at the college campus with separate teacher's corner.
- The staff association holds get together and picnics in which various domestic issues are raised and solution of them were discussed.
- All teaching and non-teaching staff members are covered under Employee Provident Fund (EPF).
- Availability of duty leave, earned leave, maternity leave, paternity leave, medical leave, study leave are some of the leave facilities extended for the welfare of the employees.
- Felicitation of staff and their son and daughter for special achievements.
- Accommodations facility to the needy bachelor male and female staff members of the college is provided by the society.
- Gymnasium and swimming facilities at Eklavya Krida Sankul of the Society is made available to faculty with concession and relaxation.
- For stress management of faculty, Yoga and Naturopathy facility is available in reasonable charges.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

01



File Description	Documents
Upload any additional information	<a href="#">View File</a>
Details of teachers provided with financial support to attend conference, workshops etc during the year (Data Template)	<a href="#">View File</a>

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

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

02

File Description	Documents
Reports of the Human Resource Development Centres (UGCASC or other relevant centres).	No File Uploaded
Reports of Academic Staff College or similar centers	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff (Data Template)	<a href="#">View File</a>

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

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

05

File Description	Documents
IQAC report summary	<a href="#">View File</a>
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	<a href="#">View File</a>
Details of teachers attending professional development programmes during the year (Data Template)	<a href="#">View File</a>

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

1. Performance Appraisal System for teaching-staff - The performance appraisal system for the teaching staff is as follows -

Self-Appraisal Method - Teaching-staff submits an annual Self-appraisal Form. The evaluative comments are offered by concerned head of the department, and finally reviewed by the principal of the college. The principal personally discusses with the concerned faculty, about the improvements required in a particular case, if any. Evaluation by students - Feedback from students is collected by the IQAC in a prescribed form. The IQAC analyses the feedback forms regarding the opinions of the students, and submits report to the principal. Based on the report, the principal sends letter of appreciation in recognition of the efforts taken by the faculty, and discusses with the concerned faculty members individually, about the improvements.

2. Performance Appraisal System for non-teaching staff -

Confidential reports - The overall performance of the non-teaching staff of the college is evaluated by the Principal, and in case of the laboratory staff evaluation by the heads of the concerned department and the confidential report is submitted to the principal for the final evaluation.

Other informal means - Students' suggestions box is another mechanism that is instrumental in collecting the information about the level of satisfaction they get from the services

provided by the staff. Their suggestions are also considered in deciding upon the promotional issues and the aspect of transfer of the non-teaching staff from one department to another.

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/6.3.5_Institutional_Performance_Appraisal">https://pgcollege.kces.in/pdf/naac/aqar_21_22/6.3.5 Institutional Performance Appraisal</a>
Upload any additional information	<a href="#">View File</a>

## 6.4 - Financial Management and Resource Mobilization

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

The College conducts both internal and external financial audits regularly. The audit and inspection procedure adopted in the college are as under:

1. Internal Audit: The internal audit is conducted quarterly every year. The internal auditors appointed by the K.C.E. Society assess and verify the cash-book, bank book, general register, receipt book, bank statement, fee subsidy, dead stocks and all other vouchers. As a part of internal audit, auditor assesses financial record of each month. The quarries raise by the internal auditor are complied appropriately. The internal auditor submits audit report to the Administrative Officer of the Society for further process and action.

### 2. External Audit

The external Auditor appointed by the K.C.E. Society conducts the audit of accounts of the college annually; the same is kept before the College Development Committee (CDC) for approval by the Governing body of the Institute. In the last years so far there is no major objection. Queries are cleared time to time through interface meetings.

### 3. Audit by Affiliating University:

In accordance with the provision under section 117 (1) of Maharashtra Public Universities Act 2016, it is necessary to have inspection of the college to decide standards of academic

and administrative performance, in which some important financial documents are examined. In academic and administrative audit conducted by university for academic year 2018-19 college got 62% of marks which is valid up to May 2022.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

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

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

0.452

File Description	Documents
Annual statements of accounts	<a href="#">View File</a>
Any additional information	No File Uploaded
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the year (Data Template)	<a href="#">View File</a>

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

The institution is not receiving any grant from the Government since it is totally on non-grant basis. All the salary expenditure is born by Khandesh College Education Society. The society extends financial support for various academic development and infrastructural development. The alumni of the college also extend financial support to the college. In spite of SEVEN self finance post graduate degree programs, Institute initiated THREE self finance certificate courses out of which TWO are university approved and one designed by college.

##### Optimal utilization of resources

Annual budget is prepared by considering the available resources and additional need of academic year. Budget and financial

allocation is reviewed by Khandesh College Education Society's finance experts. The management council reviews the income and expenditure of the college and approves the annual budget in the College Development Committee (CDC). The Principal and Head Clerk of the college ensure the proper utilization of the financial resources on the functioning of the college. Also the College Development Committee, finance expert studies annual expenditure and scrutinizes it and provides the guidelines for efficient use of financial resources. For the purchase of new equipments, technical experts of the KCE society and Heads of the department verify need and necessities of the chemicals & glassware and instruments before advised to put the purchase order. College is having purchase committee which makes the details enquiry of the equipment and takes decision of the purchase.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	<a href="#">View File</a>

## 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

The IQAC has immensely contributed in the implementation of quality assurance strategies and processes at all levels. The Institute IQAC regularly meets every four months. The Institute IQAC pedals....

- Annual Quality Assurance Report (AQAR)
- Performance Based Appraisal System (PBAS)
- Stakeholder's feedback
- Action Taken Reports
- Introduction of New Programmes

The two examples of practices institutionalized as a result of IQAC initiatives are as follows: IQAC led the efforts to acquire the ISO Certifications in the last five years.

a. Research Culture:

i. College also motivates the faculty to participate in the International/National/State level

seminars/workshops/conferences and publish the research articles in journals of repute. It is due to continues motivations by the cell, ONE faculty member awarded Ph. D. degree.

ii. Prospective Researchers' Scheme

To develop research aptitude among the students, College has conducts 'Prospective Researchers' scheme'. This practice will help students to inculcate research methods, ethics and culture in them by motivating to undertake research projects. After completion, projects are evaluated by external experts and best performers are felicitated with cash prizes and certificates. The research papers based on their projects were published in the form of research compendium with ISBN number.

b. Introduction new courses: College has started Commerce and management (M. Com), M.A. Psychology and M. Sc. in Analytical chemistry from Academic year 2021-22. Value added certificate courses are also conducted by the college.

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/pdf/committees/IQAC_minutes_of_meetings_and_ATR_2021_22.pdf">https://pgcollege.kces.in/pdf/committees/IQAC_minutes_of_meetings_and_ATR_2021_22.pdf</a>
Upload any additional information	<a href="#">View File</a>

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

The IQAC continuously reviews and takes steps to improve the quality of the teaching-learning process. The Academic Calendar is prepared in advance, displayed and circulated and strictly followed. It reflects admissions, summer, vacations and examination schedule. For newly admitted students Induction Programme is organized, in which they are made aware of the, teaching learning & evaluation process, various co-curricular activities, discipline and College culture. The faculty has to prepare and submit the teaching plan at the beginning of the semester to the Head of the Departments.

Feedback from students to evaluate teachers is taken. Feedback is properly analyzed and shared with the individual faculty

members. The teaching-learning processes are reviewed, and based on the IQAC recommendations inputs are given for improvements. The major initiatives taken include the following:

- Green initiatives in Campus - tree plantation, e-vehicles environmental, green and energy audit etc.
- MoUs with prestigious Institutes and University.
- Student-teacher exchange for academic purpose

Two major Outcomes:

1. International Webinar: Department of Microbiology, Mathematics, Chemistry of the College organized a one day International webinar for students on strategies to crack competitive examination and career opportunities.

2. Department of Microbiology organized health awareness program through poster competition, Rangoli competition and rally. In which awareness is about the diseases due to virus and their remedial measures.

Incremental improvement in various activities

Sr. No.

Particulars

2020-21

2021-22

1

Student Strength

220

340

2

Teaching staff

14

19

3

Academic Program

05

07

4

% Results

97

95

5

No. of laboratories

06

07

6

Organization of workshop/seminars/webinars

05

08

7

Number of research papers

16

27

8

Total No. of computers



23

27

File Description	Documents
Paste link for additional information	<a href="https://pgcollege.kces.in/Footer/mou">https://pgcollege.kces.in/Footer/mou</a>
Upload any additional information	<a href="#">View File</a>

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

**C. Any 2 of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://pgcollege.kces.in/pdf/annual_report/Annual_Report_2021_22.pdf">https://pgcollege.kces.in/pdf/annual_report/Annual_Report_2021_22.pdf</a>
Upload e-copies of the accreditations and certifications	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
Upload details of Quality assurance initiatives of the institution (Data Template)	<a href="#">View File</a>

## **INSTITUTIONAL VALUES AND BEST PRACTICES**

### **7.1 - Institutional Values and Social Responsibilities**

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

- **Yoga center in the campus regularly organizes courses for improving physical and mental health of the women based on meditation, yogasan etc. Gymnasium and aerobics center is available for women.**

- On 8th March, 2022 International Women's day was celebrated by organizing seminar on 'Yoga: Panaceas for women health'. Dr. Geetanjali Bhangale , Soham Department of Yoga and Naturopathy, Jalgaon delivered the talk.
- 'Nirbhaya Pathak' of nearby police station is regularly patrolling the college campus area, to maintain law and order against antisocial elements.
- A ladies hostel is available within the campus headed by rector and facilitated with all the basic requirements of ladies including internet facility, sanitary napkin vending machine and first-aid box and CCTV surveillance. Students have to take permission of the rector if she want to go home or remain absent for any genuine reason at night. At the same time this information is sent to her parents by SMS.
- The college has constituted an Anti-Ragging cell and Grievance Redressal Cell to deal with any type of gender harassment of female students.
- A common room is available for females in college which serves as the place for relaxation and socializing. This room has facilitated with washroom, and first-aid box along with sanitizer considering the necessities of ladies. Moreover, common room is provided with sanitary napkin vending machine.

File Description	Documents
Annual gender sensitization action plan	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/7.1.1_Annual_Gender_Sensitization_action_plan_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/7.1.1_Annual_Gender_Sensitization_action_plan_AQAR_2021_22.pdf</a>
Specific facilities provided for women in terms of: a. Safety and security b. Counseling c. Common Rooms d. Day care center for young children e. Any other relevant information	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/7.1.1_Gender_Equality_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/7.1.1_Gender_Equality_AQAR_2021_22.pdf</a>

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

C. Any 2 of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	No File Uploaded

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

**Solid Waste:** Solid waste is generated from the regular wastage in the campus such as chalk, paper, plastic, bottles and other landscaping related materials. This waste is collected and segregated as biodegradable and non-biodegradable waste in separate dustbins daily. Biodegradable waste including grass clippings, leaf litter and other culture media refuse is bio-remediated by means of establishing a vermi compost plant connected to biogas plant in the campus. Thus, an eco-friendly manure and energy is available from this 'green waste' that minimizes the expenditure of the institute too. Remaining non-biodegradable waste is dispatched to waste collection vehicle of Municipal Corporation regularly.

**Liquid Waste:** Micro-organisms become a part of liquid waste during experimentation. Hence, effluents containing these microorganisms are autoclaved, before becoming the part of liquid waste. College has designed the out flow of liquid waste in such a way that it prevents contamination of campus and do not cause any harmful effect over the surrounding people. A properly constructed leakage sewer system is used to for drainage.

**MoU:** The College has signed MoU with Nutan Urja, Pune, under which students and staff of the college works with collaboration of Nutan Urja regarding environmental, green and energy audit. The suggestion as per the report has been considered for implementation.

**E-Waste:** The e-waste is very negligible in the institute. Still institution periodically repairs and right off the electronic gadgets.

File Description	Documents
Relevant documents like agreements / MoUs with Government and other approved agencies	<a href="#">View File</a>
Geo tagged photographs of the facilities	<a href="#">View File</a>

<b>7.1.4 - Water conservation facilities available in the Institution: Rain water harvesting Bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus</b>	<b>C. Any 2 of the above</b>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<b>No File Uploaded</b>

<b>7.1.5 - Green campus initiatives include</b>	
<b>7.1.5.1 - The institutional initiatives for greening the campus are as follows:</b>  <ol style="list-style-type: none"> <li><b>1. Restricted entry of automobiles</b></li> <li><b>2. Use of bicycles/ Battery-powered vehicles</b></li> <li><b>3. Pedestrian-friendly pathways</b></li> <li><b>4. Ban on use of plastic</b></li> <li><b>5. Landscaping</b></li> </ol>	<b>A. Any 4 or All of the above</b>

File Description	Documents
Geo tagged photos / videos of the facilities	<a href="#">View File</a>
Various policy documents / decisions circulated for implementation	<a href="#">View File</a>
Any other relevant documents	<b>No File Uploaded</b>

<b>7.1.6 - Quality audits on environment and energy are regularly undertaken by the institution</b>
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<p><b>7.1.6.1 - The institutional environment and energy initiatives are confirmed through the following 1.Green audit 2. Energy audit 3.Environment audit 4.Clean and green campus recognitions/awards 5. Beyond the campus environmental promotional activities</b></p>	<p><b>B. Any 3 of the above</b></p>
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File Description	Documents
Reports on environment and energy audits submitted by the auditing agency	<a href="#">View File</a>
Certification by the auditing agency	<a href="#">View File</a>
Certificates of the awards received	<b>No File Uploaded</b>
Any other relevant information	<a href="#">View File</a>

<p><b>7.1.7 - The Institution has disabled-friendly, barrier free environment Built environment with ramps/lifts for easy access to classrooms. Disabled-friendly washrooms Signage including tactile path, lights, display boards and signposts Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading</b></p>	<p><b>A. Any 4 or all of the above</b></p>
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File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Policy documents and information brochures on the support to be provided	<a href="#">View File</a>
Details of the Software procured for providing the assistance	<b>No File Uploaded</b>
Any other relevant information	<a href="#">View File</a>

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

Our college represents students from different cultural, regional, linguistic, communal socioeconomic and other diversified backgrounds. A unity among them has been created by college authorities aiming towards tolerance as well as harmony for each other. This was exhibited from celebration of national festivals on 15th Aug. 2021 (Independence Day) and 26th January 2022 (Republic day) in college campus. Besides this, on the occasion of National Science Day, college has organized a Rangoli competition on 28th February 2022 to encourage artistic and cultural views of students. Students of college had participated in University youth festival - 'Yuwarang' organized in 19th to 23th April 2022, wherein they grab the opportunity to meet and interact with students of different society. Woman Redressal cell of college consistently works on minimizing male-female discrimination by promoting equal involvement of female students as well as ladies staff of college in all departmental activities and duties.

College has already providing financial help to economically privileged students to cope up with the economic differences amongst students. For the year 2021-22, 8 such students were awarded with Dr. Annasaheb G. D. Bendale Scholarship. In general, college also issue bonafide certificates to students for having concession in their travel fairs that would help them to attend college on regular basis.

Students with diverse language skills and varying socio-religious background express their thoughts through articles published in annual magazine of college - 'SPHATIK'.

File Description	Documents
Supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

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

As constitutional obligations, the College bound to inculcate ethical and moral values among students as well as staff members. Every year, a constitution day is celebrated in college wherein common reading of constitution has been done. This renders awareness about rights as well as duties of all participants provided by Indian constitution. College also motivates fresher students to enroll themselves in electoral list so that they can contribute for strengthening the democracy by voting during elections. Voter's awareness campaign is also implemented in and outside the campus. Invited talks of lawyers, experts of constitution and freedom-fighters are arranged frequently to motivate students about their responsibilities to be a good citizen.

Flag hoisting during national festivals with talks of freedom fighter inspire students and staff towards national duty. Election awareness campaigns, orientation programmes, training programmes, seminars and workshops are also arranged in general to sensitize the future leaders to inherit human values coping with the constitutional obligations. Ethical values, rights, duties and responsibilities of citizens are some of the topics that are enlisted in Elocution/ Debates activities. The institution has strived forward with great effort to increase the level of awareness and appropriate practices amongst the students regarding Fundamental Duties and Rights of Indian Citizens.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://pgcollege.kces.in/pdf/naac/aqar_21_22/7.1.9_Constitutional_Values_duties_and_rightes_AQAR_2021_22.pdf">https://pgcollege.kces.in/pdf/naac/aqar_21_22/7.1.9_Constitutional_Values_duties_and_rightes_AQAR_2021_22.pdf</a>
Any other relevant information	Nil

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

**B. Any 3 of the above**

**administrators and other staff 4.**  
**Annual awareness programmes on Code of Conduct are organized**

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

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

The institution duly acknowledge the nation pride by means of celebrating all the national festivals along with birth anniversary as well as commemoration of eminent Indian legends who had contributed to Indian freedom movement as well as post-independence progress of the nation.

College has celebrated Independence day this year on 15th Aug. 2021 as well as Republic day on 26th January 2022 in the college premises. Students and staff of college attended the celebration in huge number, indicating their passion towards nation. Such celebration also increase bonding between them besides having diversities in their cast, religion, race, languages and socio-economical status.

On 5th Sept. 2021, college celebration birth anniversary of 2nd President of India Dr. Sarvepalli Radhakrishnan as Teacher's Day. On this occasion, students felicitate their teachers and acknowledged them for their service that ultimately plays an important role in nation building.

On 2nd Oct. 2021 (birth anniversary of Father of Nation - Mahatma Gandhi), college implemented the Swachhta Abhiyan to memorize the contribution of Mahatma Gandhi in cleanliness and wellness of Indian society. On the same day, birth anniversary our 2nd Prime Minister Mr. Lalbahadur Shashtri was also celebrated.



On the occasion of International Woman's day, a guest lecture was organized of Dr. Prof. Gitanjali Bhangale from Soham Department of Yoga and Naturopathy on 8th March 2022. From the talk, students realized the history of yoga that ranges from ancient India that is now globally recognized by means of an International Yoga Day.

File Description	Documents
Annual report of the celebrations and commemorative events for the last (During the year)	<a href="#">View File</a>
Geo tagged photographs of some of the events	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

## 7.2 - Best Practices

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

**1. Title: 1. Prospective Researchers' Scheme (PRS)**

**2. Objective:** Chief motto for this practice is to enhance scientific approach of post-graduate students.

**3. Context:** Perspective of the scheme belongs to the vision of our society summarized as 'Think Globally, Act Locally'.

**4. Practice:** Students undertake research project under the supervision of expert teacher. Students prepared dissertation and PowerPoint presentation. Outcome of dissertations is research articles compiled in the form of a compendium. Best presentations were awarded prizes.

**5. Evidence of Success:**

80 students guided by 13 teachers participated in the scheme to file 23 research articles under the. A book namely 'A Compendium of Research Articles by Prospective Researchers' is published by college having ISBN (978-81-949083-0-2).

**6. Problems encountered, and resources required:**

Due to unaided category of college, there are limitations on

expenditure and need sufficient grant.

1. Title: 2. PG Technologia: 'Animated Science Power-point' competition

2. Objective: To inculcate dynamic presentation skills among common students

3. Context: During competition conduct and evaluation, reasoning ability and communication skills are taken into consideration.

1. Practice:

Category

Referees

Life sciences

Dr. Snehal Deshmukh and Miss Dhanashri Patil

Chemical Sciences

Dr. Y. B. More

Mathematical Sciences

Dr. J. N. Chaudhari

During prize distribution function, presentations were ranked and awarded cash prizes

5. Evidence of Success

46 students from there different categories were participated in the competition from which two best performers were awarded.

6. Problems Encountered and Resources Required

Main obstacle for competition was availability of ICT infrastructure to conduct the event in multiple destinations at the same time.

File Description	Documents
Best practices in the Institutional website	<a href="https://pgcollege.kces.in/pdf/academic/Best_Practices_2021_22.pdf">https://pgcollege.kces.in/pdf/academic/Best_Practices_2021_22.pdf</a>
Any other relevant information	Nil

### 7.3 - Institutional Distinctiveness

7.3.1 - Portray the performance of the Institution in one area distinctive to its priority and thrust within 200 words

Institute is unique in the sense that, it is the only self-financed college in Maharashtra to run only postgraduate courses in eight subjects namely, Organic Chemistry, Biotechnology, Microbiology, Mathematics, Statistics, Analytical chemistry, Psychology, Commerce and management. Hence, college is keen to maintain the quality of teaching-learning facilities to match its distinctiveness in science-based higher education systems. College possesses 15.78 % teachers approved by university, 21.05 % teachers doctoral degree and 21.05 % with NET/SET qualifications, despite the 100% unaided status of college. All teachers have contributed as Examiners of theory and practical examinations and evaluation process for university level. 25 % of the teachers are in various bodes of university.

After COVID pandemic, considering the need of online education, all departments of the college have adapted for techno-savvy methods of teaching along with traditional blackboard teaching. For this, in current academic year, there is availability of 5 ICT classrooms, 3 LCD projectors along with 23 computers with high-speed internet connectivity. All these electronic appliances are equipped with inverter backup systems for uninterrupted power supply.

All these efforts caused one student from Biotechnology department placed in university topper's ranking and one student from organic chemistry qualified SET examination. Also one faculty from Biotechnology department had awarded with Ph. D degree after successful completion of quality research work which will strengthen the distinctiveness of institute in both research as well as academic aspects.

File Description	Documents
Appropriate web in the Institutional website	<a href="#">View File</a>
Any other relevant information	No File Uploaded

### 7.3.2 - Plan of action for the next academic year

- To achieve the recognition of 12 (B) by UGC
- To provide resources required for use of ICT Technology to provide online course contents, video lectures, etc to facilitate Use of ICT Technology, by Faculty and Students
- To organize awareness programs and activities on social issues and community health and Cleanliness for the benefit of the Society
- To organize awareness for Protecting and Promoting Environment
- To generate funds for facilitate Research Culture, to promote Research by students and Faculty
- To create additional Lecture Rooms for expanded academic programmes
- To automation of various Office Administration Processes;
- To upgrade Library Resources including digital content
- To subscribe various reputed journals in science and commerce disciplines
- To increase Academic Collaboration, Industry Linkages, to enable placements, internship, training, etc.
- To organize Alumni meetings to foster and strengthen relationship of Alumni with the Institution
- To initiate faculty empowering scheme to encourage faculty to participate in Faculty Development Programmes (FDP) at National and International levels., Participate in Syllabus Framing, Setting Question Papers, Visit Other Institutions as Resource Persons, etc.
- To organize Guest lecture, Workshop, Seminar and conference various issues like soft skill, Job-orientation, IPR, Entrepreneurship etc.