



## YEARLY STATUS REPORT - 2020-2021

<b>Part A</b>	
<b>Data of the Institution</b>	
<b>1.Name of the Institution</b>	Progressive Education Society's Modern College of Arts, Science and Commerce
• Name of the Head of the institution	Dr. Sanjay S. Kharat
• Designation	Principal
• Does the institution function from its own campus?	Yes
• Phone no./Alternate phone no.	02025634021
• Mobile no	9011070912
• Registered e-mail	kharat.sanjay@gmail.com
• Alternate e-mail	iqacmodernngk@gmail.com
• Address	Progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind, Pashan Road
• City/Town	Pune
• State/UT	Maharashtra
• Pin Code	411016
<b>2.Institutional status</b>	
• Affiliated /Constituent	Affiliated
• Type of Institution	Co-education

• Location	<b>Urban</b>
• Financial Status	<b>UGC 2f and 12(B)</b>
• Name of the Affiliating University	<b>Savitribai Phule Pune University</b>
• Name of the IQAC Coordinator	<b>Parag S. Shah</b>
• Phone No.	<b>02025634021</b>
• Alternate phone No.	<b>02025631091</b>
• Mobile	<b>9881313944</b>
• IQAC e-mail address	<b>iqacmodernkg@gmail.com</b>
• Alternate Email address	<b>shah.parag@moderncollegekg.org</b>
<b>3.Website address (Web link of the AQAR (Previous Academic Year)</b>	<a href="https://www.moderncollegekg.org/NAC_DATA/AQAR_Report_2019-20.pdf">https://www.moderncollegekg.org/NAC_DATA/AQAR_Report_2019-20.pdf</a>
<b>4.Whether Academic Calendar prepared during the year?</b>	<b>Yes</b>
• if yes, whether it is uploaded in the Institutional website Web link:	<a href="https://www.moderncollegekg.org/Academic_Calendar/Academic%20Calendar%202020-2021.pdf">https://www.moderncollegekg.org/Academic_Calendar/Academic%20Calendar%202020-2021.pdf</a>

### 5.Accreditation Details

Cycle	Grade	CGPA	Year of Accreditation	Validity from	Validity to
<b>Cycle 3</b>	<b>A</b>	<b>3.26</b>	<b>2017</b>	<b>22/02/2017</b>	<b>21/02/2022</b>
<b>Cycle 2</b>	<b>A</b>	<b>3.10</b>	<b>2011</b>	<b>27/03/2011</b>	<b>26/03/2016</b>
<b>Cycle 1</b>	<b>B+</b>	<b>NA</b>	<b>2004</b>	<b>16/02/2004</b>	<b>15/02/2009</b>

### 6.Date of Establishment of IQAC

**02/01/2006**

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

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

Institutional/Department /Faculty	Scheme	Funding Agency	Year of award with duration	Amount
FIST Central Government	FIST	Central Government	2020-21	3150000
<b>8. Whether composition of IQAC as per latest NAAC guidelines</b>		<b>Yes</b>		
<ul style="list-style-type: none"> <li>Upload latest notification of formation of IQAC</li> </ul>		<a href="#">View File</a>		
<b>9.No. of IQAC meetings held during the year</b>		<b>5</b>		
<ul style="list-style-type: none"> <li>Were the minutes of IQAC meeting(s) and compliance to the decisions have been uploaded on the institutional website?</li> </ul>		<b>No</b>		
<ul style="list-style-type: none"> <li>If No, please upload the minutes of the meeting(s) and Action Taken Report</li> </ul>		<a href="#">View File</a>		
<b>10. Whether IQAC received funding from any of the funding agency to support its activities during the year?</b>		<b>No</b>		
<ul style="list-style-type: none"> <li>If yes, mention the amount</li> </ul>				
<b>11. Significant contributions made by IQAC during the current year (maximum five bullets)</b>				
1. Application for grant of fresh Autonomy				
2. Introduction of New Programs				
3. Capacity Building Workshops for Non-teaching Staff				
4. MOU for IPR awareness				
5. Innovation and Incubation Center				
<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>				
Plan of Action		Achievements/Outcomes		
Nil		Nil		

<b>13. Whether the AQAR was placed before statutory body?</b>	<b>Yes</b>				
<ul style="list-style-type: none"> <li>Name of the statutory body</li> </ul>					
<table border="1"> <thead> <tr> <th>Name</th> <th>Date of meeting(s)</th> </tr> </thead> <tbody> <tr> <td>College Development Committee</td> <td>13/02/2021</td> </tr> </tbody> </table>		Name	Date of meeting(s)	College Development Committee	13/02/2021
Name	Date of meeting(s)				
College Development Committee	13/02/2021				
<b>14. Whether institutional data submitted to AISHE</b>					
<table border="1"> <thead> <tr> <th>Year</th> <th>Date of Submission</th> </tr> </thead> <tbody> <tr> <td>2019-2020</td> <td>28/01/2020</td> </tr> </tbody> </table>		Year	Date of Submission	2019-2020	28/01/2020
Year	Date of Submission				
2019-2020	28/01/2020				
<b>Extended Profile</b>					
<b>1. Programme</b>					
1.1 Number of courses offered by the institution across all programs during the year	<b>904</b>				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>		File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents				
Data Template	<a href="#">View File</a>				
<b>2. Student</b>					
2.1 Number of students during the year	<b>5764</b>				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Institutional Data in Prescribed Format</td> <td style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>		File Description	Documents	Institutional Data in Prescribed Format	<a href="#">View File</a>
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>2658</b>				
<table border="1"> <thead> <tr> <th>File Description</th> <th>Documents</th> </tr> </thead> <tbody> <tr> <td>Data Template</td> <td style="text-align: center;"><a href="#">View File</a></td> </tr> </tbody> </table>		File Description	Documents	Data Template	<a href="#">View File</a>
File Description	Documents				
Data Template	<a href="#">View File</a>				

2.3	<b>1962</b>
Number of outgoing/ final year students during the year	

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

### 3.Academic

3.1	<b>139</b>
Number of full time teachers during the year	

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

3.2	<b>165</b>
Number of sanctioned posts during the year	

File Description	Documents
Data Template	No File Uploaded

### 4.Institution

4.1	<b>38</b>
Total number of Classrooms and Seminar halls	

4.2	<b>35254637</b>
Total expenditure excluding salary during the year (INR in lakhs)	

4.3	<b>421</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

- IQAC and Academic Planning committee plans the academic

calendar of the year and informs the central time table committee to prepare a schedule. Curricular and co-curricular activities are planned in the academic calendar to achieve the set outcomes.

- Time table committee considers the directives given by the IQAC and feedback from students. By taking cognizance of available infrastructure such as number of classrooms, laboratories, LCD Projectors, Smart Boards etc. and students strength for a particular program ; the time table committee designs the time table for all the programs as per university norms. The Class Timetable is displayed on the notice board and at our college website.
- The institution run various UG and PG programs designed by Savitribai Phule Pune University for which we follow the curriculum designed and approved by Board of Studies of the university.
- Institution also runs many Certificates, Value added and Extra Credit programs which are designed by our own faculty members focusing employability and entrepreneurship development.
- After completion of On-line admission process, all the program commences. Workload allotment is done to all the teachers as per their expertise and University guidelines.
- According to the distribution of courses, individual teachers prepare their lecture plan for the entire theory and practical course.
- The teaching plans are recorded in Academic Diary which contains information such as Personal timetable, Academic planning, Result analysis of the subjects taught and daily teaching details. Academic diary is maintained by all the teachers and monitored by higher authorities.
- Bridge courses are conducted as per necessity of subject to connect the latest syllabi with previous course. Teachers are expected to execute their course deliverables as mentioned in the Teaching plan. Faculty members refer to the standard reference books prescribed by university and to the latest information available through online resources for effective implementation of curriculum.
- Success of every teacher lies in their course content delivery effectively in the classroom. Besides the use of conventional chalk and duster methods, various other teaching methods are used for effective implementation of curriculum like: Quizzes, Group Discussions, Demonstrations, Debates, Power Point Presentations, Add-on practicals, Videos, Case studies etc.
- To complement ICT based teaching learning process; teachers have been trained to use on-line education Moodle and Google platforms in LMS workshop to facilitate On-line

Lectures and Assessment process. Virtual Laboratories designed by all IITs and renowned institutes of our nation, made online science practical very easy and live for students. Variety of Simulators of different subjects also assisted us to conduct online practicals.

- Different ICT and library resources are constantly upgraded to ensure an effective teaching-learning process.
- Our faculty members always participate in the syllabus upgradation and restructuring workshops organized by university.
- Throughout the semester, students get assessed by conducting their internal evaluations and final semester examination; at last.
- Result analysis of every course is carried out and corrective measures are suggested by IQAC to improve students' performance. Remedial sessions are conducted to improve slow learners' results by clearing their fundamental concepts and question paper solving practice. Fast learners are promoted to opt for different add on programs to improve their skills required for employability.
- Periodically, Academic review and feedback is taken from peers and students. The Principal, Vice Principals and Heads of the Departments conduct regular meetings to review the difficulties faced while teaching. Academic diary is maintained to record day to day academic executions and other activities details.

Thus, by optimum utilization of available infrastructure, entire curriculum delivery is very well planned, effectively implemented, and properly documented by all the faculty members.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	<a href="https://www.moderncollegegk.org/NAAC_DATA/AO_AR-2020-21-Cr1/1.1.1.pdf">https://www.moderncollegegk.org/NAAC_DATA/AO_AR-2020-21-Cr1/1.1.1.pdf</a>

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

- The academic calendar is very useful document, which contains the tentative dates of: internal and external semester examinations, co-curricular and extra-curricular activities, end of term and vacation period, to guide the teachers and

students.

- Savitribai Phule Pune University uploads the annual calendar at the beginning of every academic year on its website with broad details of major academic events.
- In accordance with these details, our institution's academic calendar is prepared by Academic Planning Committee and IQAC. The institution has a vibrant culture of instilling inquisitiveness and scientific temper among the students through number of activities which are declared in advance to the students through the Academic Calendar.
- Institutional academic calendar is made available to all stakeholders at the institution website as well as, it is included in the prospectus.
- Academic Activities- The faculty and students get a lucid picture of the activity schedule and adhere to the calendar. It facilitates planned coverage of syllabus.
- Examination; because of its due importance, always gain the focus of all the activities in the academic calendar. Our college is affiliated to Savitribai Phule Pune University, so guidelines of the university and internal evaluation patterns are followed for all the programs. Availability of the academic calendar, aware the students about the probable examination time. Continuous Internal Evaluation (CIE) is carried out by objective as well as subjective manner of assessments. Different methods followed for CIE are assignment, quiz, open book test, tutorials, seminars, case studies etc.

Apart from these conventional methods, ICT based internal evaluation process was carried out through LMS (Moodle, Google platform). Time table for the internal evaluation is displayed at the college website and on notice boards. Nowadays students are informed about the CIE schedule through social media also. Due to some problem if a student is unable to attempt the scheduled examination, the absent student gets a chance to appear for the re-test.

Like theory courses, practical CIE is also carried out through various methods viz, orals, PowerPoint presentations, project demonstrations, internships, survey, case studies, journal completion and certification. All the examination pertaining activities are already mentioned and executed as per planned schedule.

- Co-curricular Activities-Activities such as Science Exhibitions, Educational Games, competitions, fests, field



visits, study tours, guest lectures, industrial visits and Prize Distribution Ceremony are also planned and mentioned in the calendar. Different Add-on Courses are also scheduled at specific times in the semester and they are conducted at said time by all the departments. Induction program for newly admitted students and staff, Parent Teacher Meeting are also planned and executed. Placement activities, National /International conferences are also mentioned in the calendar.

- Extra-curricular Activities -Different sports and cultural events, Arts Circle activities and competitions, Yuva Saptah, Social gathering: Vividha ,Alumni Meet also have reserved slots in the academic calendar.
- The planned academic activities execution is ensured through rigorous monitoring by the Principal/Vice-Principals.

In this way IQAC encourages the faculty members of the institute to adhere to the academic calendar including for the conduct of CIE for achieving academic excellence.

File Description	Documents
Upload relevant supporting document	<a href="#">View File</a>
Link for Additional information	Nil

<p><b>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</b></p>	<p><b>A. All of the above</b></p>
--	-----------------------------------

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

31

File Description	Documents
Any additional information	No File Uploaded
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)

6

File Description	Documents
Any additional information	No File Uploaded
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

727

File Description	Documents
Any additional information	No File Uploaded
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

Educational Institution, being a very important part of society; has a major role to play in handling cross cutting issues. As colleges are developing the youth of the country, our curriculum of some regular courses tries to address issues related to Environment, Sustainability, Gender and Professional Ethics while some value-added courses aim to inculcate social, human values, thereby leading to the holistic development of students.

Our various courses cover following components to impart value education as follows.

#### Issues relevant to Professional Ethics-

- The curriculum of Biotechnology department includes subject related to Professional Ethics at third year level viz. 'Summer Industrial Internship/Startup Design or case study and Biosafety, Bioethics and IPR.'
- The curriculum of Commerce department at M.Com-Sem-I titled as 'Business Ethics and Professional Values' , try to raise the students general awareness on the ethical dilemmas at work place. It presents the concept of Corporate Social Responsibility and explore its relevance to ethical obligations and ethical ideals present in the relationship between employers and employees. The course enables student to develop their own considered judgment about issues in Business Ethics.
- Many Capacity Building and Personality Development programs, courses and workshops are conducted by the institute to imbibe universal ethical principles such as honesty, trust worthiness, loyalty, respect for others, adherence to the law, doing good and avoiding harm to others and accountability.
- College has also organized various personality development programs through placement cell to make a responsible and good citizen of a nation.

#### Issues relevant to Environment and Sustainability -

- Our parent university has made Environmental Science as a compulsory credit course for all U.G. Second Year students. In the course study, students get introduced to Ecology, Ecosystem, Natural Resource Conservation and Management, Biodiversity conservation and learn Environmental Pollution Control Technology.

- The degree program of Biotechnology is of interdisciplinary nature having varied subjects related to living system. Education and research sectors require such interdisciplinary work force. The curriculum of B.Sc. (Biotechnology) program includes courses related to Environment at Second year level such as theory and practical in 'Environmental Biotechnology'.
- Electronics subject of F.Y.B.Sc.(Comp.Sc.) titled as 'Semiconductor Devices and Basic Electronic Systems' address the topic as study of 'Solar cell', which is very basic component of Solar panels to generate electricity from Solar energy. While teaching the topic, the importance of use of Solar energy over the conventional sources is emphasized.
- B.Sc.(Physics) program at F.Y. level also have a section on 'Solar cell and its types'. T.Y.B.Sc.(Physics)-SEM II - 'Electroacoustics and Entertainment Electronics' course have a topic on noise reduction in their curriculum.
- Our college has installed 13 KWatt Wind and Solar Hybrid Power Generation renewable energy plant on the top of the building, to conserve conventional energy sources and save the cost for power generation. College campus and some departments are backed up using this energy. For this Environment related initiatives, our college has received 11th State level Energy Conservation and Management Award given by Maharashtra Energy Development Agency (MEDA).
- Considering growing percentage of carbon in the environment, college is promoting stringent pollution control norms by conducting frequent Green Audit of the college campus by finding out carbon percentage in the college environment. For Green initiatives at our college campus, we have received "Chattrapati Shivaji Maharaj Vanashree Award" by State Government of Maharashtra.
- Our NCC and NSS programs also handle different environment conservation activities such as Tree plantation, Nirmalya Collection at Chaturshringi Hill.
- IWC Pune GenZ drive campaigns on environment sustainability like: Water conservation, tree plantation and sustainable fashion.

#### Issues relevant to Gender-

- Political Science subject at SYBA (revised syllabus) and TYBA (old syllabus) have a unit on 'Feminism' that emphasized on Gender and Gender equality. The department of Political Science has created a short, animated video on Gender Equality which is available on the You tube channel of the faculty.
- 'Skills in Psycho-Social counselling for community work',

conducted by the Psychology department to integrate human values and gender sensitivity. Skills in psychosocial counselling course conducted by the Department of Psychology is aimed at helping participants to gain basic counselling skills for community work. These are hands-on skills along with a fundamental understanding of critical psychosocial issues faced by communities at grassroots level.

- Girl student empowerment: through 'Vidyarthini Manch' activities and 'Train Her' programs happens specially for girl students.

Issues relevant to human values -

- Social and economic management of the nation assures proper balance within various communities in the society. Sociology department conducted various educational programs within the deprived classes of the society like 'Tribal Handicraft Exhibition', where tribal society is encouraged to sell their handmade articles and exhibit their talent.
- Department of Biotechnology has initiated the formation of a social volunteering club; Inner wheel club of Pune Gen Z which organizes various activities for downtrodden and underprivileged section of the society viz; Donations in labour camps, Orphanages, helping HIV positive children, providing scholarships to girl students to continue their studies.
- A video about a letter by Abraham Lincoln to the headmaster of his son is created by the teacher and is made available on the youtube channel
- College also donate books, clothes, food items and stationery to orphanages. Our students volunteer for such activities and realize human values such as kindness, love etc.

Thus, our college has cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics integrated into the curriculum.

File Description	Documents
Any additional information	No File Uploaded
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**

15

File Description	Documents
Any additional information	No File Uploaded
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	No File Uploaded
Institutional Data in Prescribed Format	<a href="#">View File</a>

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

696

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 institution from the following stakeholders Students Teachers Employers Alumni**

**A. All of the above**

File Description	Documents
URL for stakeholder feedback report	<a href="https://www.moderncollegegk.org/NAAC_DATA/AOAR-2020-21-Cr1/1.4.2-%20-%20Feedback%20Report.pdf">https://www.moderncollegegk.org/NAAC_DATA/AOAR-2020-21-Cr1/1.4.2-%20-%20Feedback%20Report.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://www.moderncollegegk.org/NAAC_DATA/AOAR-2020-21-Cr1/1.4.2-%20-%20Feedback%20Report.pdf">https://www.moderncollegegk.org/NAAC_DATA/AOAR-2020-21-Cr1/1.4.2-%20-%20Feedback%20Report.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

1961

File Description	Documents
Any additional information	No File Uploaded
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

719

File Description	Documents
Any additional information	No File Uploaded
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

### Assessment of learning outcomes:

- Assessment is done to identify learners with academic lag and advanced learners at the beginning of the year. Different departments have evolved way of assessing learning levels of the students and organize suitable programmes for diverse learners with diverse learning needs. Departments try to assess level of grasping of the subject and interest level among students
- Results and marks are another criterion for assessing the learning levels
- Other criteria include
  - Participation in Internship program
  - Participation in events where they showcase projects
  - Placement in agencies of Internship

### Efforts for Advanced Learners

- Participation and enthusiasm level during class interaction helps while screening. Ability to participate, engage and desire to learn are being provided with dissertation, article reviews and movie reviews
- Extra reading and reference material is being provided to those who wish to appear for competitive exams
- Interested and having a strong academic orientation are being provided with Peer learning opportunity and also provide Model answers which are circulated among the students for their benefit
- Those who have flair for writing are given representation in college and departmental magazines, opportunity to take initiative in projects and departmental activities and be co-ordinators and lead activities
- Active students are encouraged to participate in external



seminars and workshops, competitions for paper and poster presentations organized by state level and national level academic and research organisations

- Students are encouraged to take projects independently on cross-cutting issues like environment awareness and encourage them to participate in intercollegiate competitions
- Encouragement to UG students to conduct research and publish papers and enhance their research abilities, participate in conferences
- Advanced learners are encouraged to use high-end instruments for conceptual understanding and hands on experience

Efforts for students with academic lag:

- Students need more inputs : different study techniques, question banks and model answers, presentations on basic terms and revision lectures. Those who can not articulate, lack writing and language, communication skills tend to participate lesser. Hand holding and encouragement is being given for participation and interaction in the class
- Remedial teaching is organized faculty-wise and for interdisciplinary way. Along with such courses, other efforts of discussing question banks, solving question papers in the class, discussions for better understanding, providing study material, roped into performing departmental tasks, encouraged participation in departmental activities
- Enabling dialogue among students through group discussions and sharing of life experiences

The effort is to walk the path from understanding to analysis

File Description	Documents
Paste link for additional information	Nil
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
5764	139

File Description	Documents
Any additional information	No File Uploaded

### 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

"I hear and I forget. I see and I believe. I do and I understand."  
Confucius. It is not a new concept to us as we always believe that the Best Guru in our life is the Experience. Participative and Innovative Pedagogies are used to achieve the goal of experiential learning:

The Practices/ Methods:

- The English Department to inculcate imagination and creativity skills among the students conducts Caption Contests, Quest, Spoken English and course in French Language, Release of inhouse magazine-Odyssey.
- Psychology department conducts competitions, workshops for the students to showcase their talent by interactive presentations, games, personality assessments and projects regarding cross cutting issues.
- Poster making, Project competitions, video making intercollegiate competitions are conducted under Magnit by the BBA-CA department.
- The Bvoc department gives experience of making of products to the students.
- Third year Banking students of commerce faculty get an exposure of Hands on Training in Vidya Sahakari Bank.
- Entrepreneurship Development Cell of Commerce faculty organises workshops and exhibitions to develop the student entrepreneurs.
- Activities like Marketing Carnival, Brand rangoli, CostFest give the practical experience of product development, pricing, marketing, branding of the product.
- Anubhuti-Science Exhibition provides an opportunity to science students to operate instruments and new technology from

various laboratories and show the talent by doing experiments beyond the curriculum.

- The Computer Science Department conducts Interaction: an intercollegiate competition for undergraduate and postgraduate students.
- To gain the field work experience students are sent for Internships in different Institutions, NGOs, Research Centres.
- Expert's Lectures, Workshops, Field visits and study tours are organised for the students.
- Students are involved in organising and coordinating various activities which develops leadership skills, team spirit, skill of critical thinking among the students.
- Mock Parliament is an unique activity of Banking Forum which gives an experience of working in parliament.
- Different games are introduced to motivate the students to participate in the learning process.
- Competitions like Quiz, PowerPoint Presentations, models and poster making give exposure to students to show their creativity and their knowledge.
- Different departments give survey based assignments to the students.
- Research based projects are assigned to the students.
- Students are encouraged to participate in National, International Conferences.

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

Teachers reach out to the students through various technological mediums and channels. The college has its own learning management system. Students get all learning resources which are made available by the teachers through Moodle. The LMS platform provides facility of 'Anytime learning'. The learners can see lecture recordings, videos, presentations, notes, can join forums for discussions and debates; and can even upload their assignments, projects in this learning management system. Alongside the learning resources, evaluation process is also available in this learning management system.

Other platforms being used are google classroom, Microsoft Teams, facebook live, google groups and youtube live for academic activities. Teachers of the institution also bring out the latest lecture series through their own youtube channel. The college also has its official youtube channel to reach out to all its students. Teachers use platforms such as Google meet, Zoom and Microsoft Teams for online teaching. Learning modules, ebooks and virtual labs are also made available. Teachers use IIT virtual labs for English language learning and science practicals. Hence the ICT tools help students to assess their own knowledge and potential.

The tests conducted and usage of the students on Moodle show outcome of use of ICT tools

File Description	Documents
Upload any additional information	No File Uploaded
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**

139

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

139

File Description	Documents
Full time teachers and sanctioned posts for year (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
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

52

File Description	Documents
Any additional information	No File Uploaded
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

1268

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.

As per the guidelines of S.P. Pune University the institution appointed a College Exam Officer (CEO) to conduct Examinations and make policy decisions for transparent and robust internal examinations. Institute Adopted Choice based credit system from academic year 2019. Student's development is assessed by 30 marks Continuous internal evaluation (CIE). The Institute appointed faculty wise internal examination committees to ensure smooth functioning of CIE which includes assignment, Quiz, MCQ, open book test, tutorial, surprise test, orals, seminars, presentations etc. The internal examination Committee in consultation with the Principal and the CEO prepared schedule for CIE. Timetables were displayed on the college website and circulated in student WhatsApp groups. Each teacher prepared three sets of multiple-choice question papers for each theory course. Before the examination, Mock tests were scheduled and conducted to make students familiar with the process and resolve queries. Five minutes before the examination time, the Internal Examination Committee notified the concerned staff members to upload one selected paper set on Learning Management System (LMS) Moodle. The results of e-exam were displayed to students on LMS -Moodle. Re-examination for absent students was organized in the same manner. All mark lists were submitted to the Examination Department for record.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://www.moderncollegegk.org/">https://www.moderncollegegk.org/</a>

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

A transparent, time-bound and efficient method is being followed by Examination department of our college. As per the university

guidelines college Exam officer is appointed for conducting examination smoothly. The college has appointed internal Examination committee for Arts, Science and Commerce faculty which works under the guidance of College Exam officer and Principal. Internal examinations are conducted prior to the university examinations. Internal examination committee prepared the time table in consulting with CEO and Principal. All necessary steps are taken to conduct smooth internal examinations in robust and transparent and time bound manner. To maintain transparency and uniformity in the assessment of the internal tests, the faculty evaluates the papers within a week of conduction of test. The evaluated answer sheets are shown to students in class. In covid pandemic various Examinations were taken in LMS, e.g. Google classroom, Moodle and Microsoft teams and the marks given by the faculty were displayed on LMS. If any discrepancies are reported by the students, then they are resolved by the faculty immediately.

If the students have any grievances regarding internal examinations, students have to approach internal examination in charge. An application duly stating the grievances is to be submitted to the examination department. Having gone through application the exam department forwards it to the principal. The principal in consultation with CEO and faculty member takes necessary steps to resolve the grievances.

If a student is not able to appear for examination due to medical or any genuine reason examination is conducted for that student as per norms of University.

The Institute follows open evaluation system where the student performance is displayed on the notice board and also on LMS System. The final internal assessment marks calculated on the basis of attendance, marks of class test and assignment marks, and are uploaded on university ERP at the end of semester.

For other grievances regarding the examination like, absent remark for internal assessment or term end examination in statements of marks, college obtains application from the students. Then applications of student and marks obtained by student are communicated to the University through the principal and CEO.

The college strictly follows the guidelines and rules issued by the affiliating university while conducting internal examinations. With these systems in place, the institute exhibits transparency in the mechanism of dealing with grievances related to the internal assessment.

File Description	Documents
Any additional information	No File Uploaded
Link for additional information	<a href="https://www.moderncollegegk.org/admin/uploads/904%5EExam%20Helpline.pdf">https://www.moderncollegegk.org/admin/uploads/904%5EExam%20Helpline.pdf</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.

The college has stated graduate attributes and learning objectives. To attain these attributes Programme outcomes (POs), Programme specific outcomes (PSOs) for all academic programmes are stated by the Institute as per guidelines of NAAC. The POs are aligned to the learning objectives.

Following attributes are included in the POs.

Knowledge outcomes

Skill outcomes

Values outcomes

POs and PSOs are designed to ensure complete and comprehensive learning about the program and courses as these are critical for the successful career of the student.

The COs were designed with the following criteria : The course outcomes identify the minimum achievement required for success in the course. They are based on the principles of Blooms taxonomy including Knowledge, Comprehension Application, Analysis, Synthesis and Evaluation.

For each programme, PO/PSO and CO are designed through the following process steps:

1) Head of department (HOD) consulted faculty and prepared the draft version of the PSO and POs with the help of teachers, which are in line with Graduate Attributes and Vision, Mission of the Institute and department.

2) Views of alumni, employers are taken by head and teachers. HOD



and department faculty analysed and expressed their opinion on the revised PSOs and POs.

3) The process was continuously monitored by Outcome Based Education Committee and finally were approved by IQAC

Mechanism of communication: POs, PSOs, COs are displayed for all stakeholders at following locations: Institutes' website.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	Nil
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 Institute is affiliated to Savitribai Phule Pune University (SPPU), Pune. We offer Undergraduate, Postgraduate and Research programs and courses under the Faculty of Arts, Commerce and Science. For these programs and courses, the institute followed the curriculum designed by SPPU. The Programme outcomes, and course outcomes are evaluated by the institution by direct and indirect methods and considered Formative evaluation and summative evaluation.

Calculation of Course outcome attainment:

Course outcomes are attained through direct and indirect methods.

Direct Attainment: We will consider the following criteria in the direct attainment. Internal tests will be conducted based on COs.

1. Class performance activities consisting of CIE/Formative assessment Like assignments / tutorials/ experiments/quiz/any other activity related to COs is conducted.
2. A common format of programmed excel sheet is used for finding the average attainment of Cos.
3. The following table shows the three target levels: Low, Moderate and High attainment for direct and indirect methods.

Level Average Percentage Level 1 (Low) 41-50% 2 (Moderate) 51-60%

:3

(High) 61% and above.

Level of attainment

Average Percentage Level

1 (Low)

41-60%

2 (Moderate)

61-80%

3 (High)

81to 100%

For measure PO in direct method a CO/PO matrix is used to measure PO. The CO are linked to the PO using the CO vs PO matrix as stated in Course.

Indirect Method Calculation

This method is purely survey oriented, So the calculations are based on data and surveys collected from the following

- Current Passing out students
- Stakeholders
- Alumni
- Survey from placement officers

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for Additional information	<a href="https://www.moderncollegegk.org/naac_criteria_on_II.php">https://www.moderncollegegk.org/naac_criteria_on_II.php</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**

**1824**

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	<b>No File Uploaded</b>
Paste link for the annual report	<a href="https://www.moderncollegegk.org/NAAC_DATA/Annual%20report%20for%20result%20analysis.pdf">https://www.moderncollegegk.org/NAAC_DATA/Annual%20report%20for%20result%20analysis.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://www.moderncollegegk.org/NAAC\\_DATA/Student%20Satisfaction%20Survey%202020-2021.pdf](https://www.moderncollegegk.org/NAAC_DATA/Student%20Satisfaction%20Survey%202020-2021.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)**

**332.94**

File Description	Documents
Any additional information	<b>No File Uploaded</b>
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

16

File Description	Documents
Any additional information	No File Uploaded
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

06

File Description	Documents
List of research projects and funding details (Data Template)	<a href="#">View File</a>
Any additional information	No File Uploaded
Supporting document from Funding Agency	<a href="#">View File</a>
Paste link to funding agency website	<a href="http://serb.gov.in/pdfs/Funding/List%20of%20EMR%20projects%20funded%20by%20SERB%20during%202017-18.pdf">DST- SERB: http://serb.gov.in/pdfs/Funding/List%20of%20EMR%20projects%20funded%20by%20SERB%20during%202017-18.pdf;</a> <a href="https://brns.res.in/brns_rp.php">DAE BRNS:https://brns.res.in/brns_rp.php;</a> <a href="https://dst.gov.in/sites/default/files/Recommended%20proposals%20FIST%202019.pdf">DST-FIST: https://dst.gov.in/sites/default/files/Recommended%20proposals%20FIST%202019.pdf;</a> <a href="https://dbtindia.gov.in/">DBT BUILDER- https://dbtindia.gov.in/</a>

## 3.2 - Innovation Ecosystem

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

**Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge**

Modern College provides enriching ecosystem for inculcating research and innovative approach amongst the students and staff by taking several initiatives at management and college level through financial, technological and infrastructural support and at faculty level by providing platforms through events, programmes, seminars,

workshops, skill based courses and research publications, for creation and transfer of knowledge.

The initiatives taken are as follows:

- College has created seed money for undertaking research projects for teachers and students.
- There is a research committee at college level for making policy related to research and innovation.
- There is an Innovation & Incubation Cell created (As per norms of Centre for innovation, incubation and Linkages at SPPU) in the year 2019-20, IPR and Entrepreneurship cell formed in the year 2020-21 and are registered.
- There is an MOU signed with Synnollect company in the year 2020-21 for developing awareness, training of staff in IPR ( for filing of Patents, Trademark and Copyright)
- The central library provides facilities for creation of knowledge and research support through reference books, research journals, encyclopedia, reading room, OPAC system, Digital library- inflibnet, delnet, plagiarism software support.
- Major research Projects Funds SERB-DST Govt. of India 2017-20, Rs. 26,51,330, DAE-BRNS Govt. of India, 2018-21 Rs. 34,63,150, DST- FIST 2020-25 Rs.75,00,000, DBT BUILDER 2021-26 Rs. 2,50,00,000.
- There is a Research Center of Biotechnology, Zoology departments. Through which research scholars of several eminent institutes get associated for creation of knowledge.
- There are spacious laboratories, computers, internet and all other ICT facilities available for all the departments of Arts, Science and Commerce for creation and transfer of knowledge
- For developing Innovative approach and scientific temperament amongst students following events and programmes are conducted at departmental level under which subject oriented several competitions, quizzes, Poster presentation, exhibition and

workshops conducted.

- Science Faculty organizes every year- ANUBHUTI a science exhibition of Models, Posters by students.
- Biotechnology- Know thy world discussion forum, Online slogan writing competition
- Math Department- 2 days Python workshop, Mathematics quiz
- Computer Science- E poster, Python certificate course
- Botany- Eco club
- Commerce department organizes- Marketing Carnival, Cost fest, Entrepreneurship Development Cell, Banking forum.
- BBA CA- MAGNIT
- Arts Faculty organizes - Expresslife (Sociology department)
- DISHA group discussion, Umeed, Mastermind Quiz (Psychology department)
- Quest (English Department)
- Kaun Banega History Scholar Quiz Competition (History Department)
- Online Economics Quiz (Economics department)
- There are research publications like 'Dnyanamay' (ISSN: 2395-7484) - research journal published by progressive education society, Odyssey and Aurora by English department, kaleidoscope by Psychology department, Pramey by Mathematics department.
- Books exhibition held every year by Central Library of College for inculcating reading habits. (due to Pandemic last year not conducted)
- Eminent industrial experts, scientists, Research scholars, Social entrepreneurs visit the campus and share their innovative ideas.
- Students are encouraged to participate in Seminar/Conferences

and write research articles in research journals.

File Description	Documents
Upload any additional information	No File Uploaded
Paste link for additional information	<a href="https://www.moderncollegegk.org/NAAC_DATA/3.2.1_Innovation%20Ecosystem.pdf">https://www.moderncollegegk.org/NAAC_DATA/3.2.1_Innovation%20Ecosystem.pdf</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

04

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
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

27

File Description	Documents
URL to the research page on HEI website	<a href="https://www.moderncollegegk.org/">https://www.moderncollegegk.org/</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	No File Uploaded

#### 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**

41

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**

46

File Description	Documents
Any additional information	No File Uploaded
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

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

Creating a bridge between community and the Institution is the foremost goal for initiating the outreach and extension program. Well-structured outreach and extension activities develop skills in students that can significantly contribute to their overall development. It is a process of 'going back to community' and 'enabling the community' through understanding, analyzing, applying and creating social good with the help of our students and other stakeholders.



Our focus with our 'Gender sensitization Program' is to create experienced and conscious communicators to engage with intersectionalities related to gender and communicate the message of 'Gender Equity' for creating a more equitable world. As an institution we are curating our own workshop with gender experts and other organizations(Asia Foundation and Men Against Violence and Abuse) working in the field. 3500 students and teachers were part of these programs.

In this unprecedented time, we are addressing the crucial issue of environmental pollution and what is the role as a responsible citizen to mitigate the problem. Besides awareness programs we are taking efforts to maintain a sustainable environment with plantation drive and appreciating connectedness with the environment and taking steps to revive local natural resources. In these efforts we are collaborating with Kirloskar Vasundhara Group. 832 students participated in these initiatives.

With the Population Dividend ; Health is another focus area for us to make a strong nation. physical and mental health are the core areas we are working. Especially for girls' our 'Vidyarthini Munch' is very actively collaborating with Inner wheel club for Health and Hygiene concerns. 2290 students attended this awareness program. Creating awareness regarding 'Digital addiction'. In the time of health emergency because of COVID-19 pandemic trying to reach our community through our webinar series in collaboration with 'Department of Lifelong Learning and Extension, Savitribai Phule Pune University, Pune' spreading the crucial message of health, Individual hygiene and taking responsibility of our family and society.

'Modern Cycling Club' is another initiative engaging communities and addressing the issues of health and environment.

As a part of shaping the social good we are collaborating with our stakeholders through our program 'JANEEV'(Consciousness) with Annapurna Ashram and Gurukulam Ashram . Giving helping hands to underprivileged children. our IWC Gen-Z sharing the time with AIDS patients and spreading the message of hope and positivity.

File Description	Documents
Paste link for additional information	<a href="https://www.moderncollegegk.org/NAAC_DATA/3.4_Extension%20Activities.pdf">https://www.moderncollegegk.org/NAAC_DATA/3.4_Extension%20Activities.pdf</a>
Upload any additional information	No File Uploaded

**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**

Nil

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

**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**

19

File Description	Documents
Reports of the event organized	<a href="#">View File</a>
Any additional information	No File Uploaded
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**

8711

File Description	Documents
Report of the event	<a href="#">View File</a>
Any additional information	No File Uploaded
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**

18

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**

06

File Description	Documents
e-Copies of the MoUs with institution./ industry/corporate houses	<a href="#">View File</a>
Any additional information	No File Uploaded
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 college has campus area of 3.5 acres. College has three buildings A, B and C. College has Arts, Science and Commerce faculties, UG and PG courses, research centers and professional courses like B.Voc., which are sanctioned by UGC. College runs in two shifts morning and afternoon. Practicals are conducted in batches as per the guidelines and for giving hands on exposure to the students. College has good infrastructure facilities for conducting these programs.

#### Class room facilities -

Classrooms are very important where the development of students with social, educational, and cultural aspects takes place which helps in development of responsible citizens of the nation. Efforts are made for the holistic development of students. Classrooms in our college provide students with a comfortable environment for learning and overall personality development through different activities.

The total number of classrooms in the college is 37. The classrooms have sufficient space as per the requirement of the class and are spacious, well-ventilated which is very much important in pandemic situations like covid-19. All the classrooms are ICT enabled classrooms having facilities like internet connection through LAN, LCD screen, LCD projector green board / white boards and CCTV cameras for security purpose. Platforms are used to have sufficient height for writing on the board and to have good reach towards students. Podiums for keeping the teaching material for effective delivery of lecture. Benches with sufficient space for sitting of two students comfortably. Some of the classes have curtains and

black film coating to avoid excess of light during the LCD projection.

Because of the variation in seating capacities of the classes those can be used differently as per the requirement of the class as well as during the examination time depending upon the blocks and the strength of the students in the examinations.

For the undergraduate course the strength of students is pyramidal with more students in the first year which goes on decreasing till the last year of specializations. The classrooms with different strengths are very much useful for this type of academic system. Some classrooms have a sound system facility which helps in teaching and showing audiovisuals in the class.

The classrooms are well illuminated with natural and electrical light system. For the classroom present in A building, clean and green energy is used for elimination. The Solar-Wind hybrid project of 13 KW+15KW is present at the top of building supplies the required amount of electrical energy. Generators are used for continuous supply of electricity.

Regular maintenance and cleaning of the classrooms as well as the passage area is done so as to maintain the cleanliness and hygiene in the campus with the help of Namoshivay Housekeeping private services.

Our classrooms are suitable for traditional chalk and duster teaching as well as ICT enabled modern teaching facilities. Laptops are given to all the departments which helps in ICT enable teaching in different classrooms.

Sufficient number of headphones and Mikes are present in the college which helps in the online teaching process. The college has G Suite account and Microsoft license which helps in online teaching, online meetings and examinations and recordings.

Demonstration practical for Computers and Mathematics are conducted in the classrooms first and then the actual practicals are taken in the laboratories in a batch wise manner.

Considering specially abled students and their requirements preferably the ground floor or the first floor classrooms are given for those classes. For blind students a special facility of audio books is available in the library.

## Details of laboratories

College has 42 laboratories under all the faculties. The list is attached. All the Laboratories are well equipped having good number of small instruments to give hands on experience to all the undergraduate students as well as high grade instruments for post-graduation and research purpose. College is also having common instrumentation facility.

All the Laboratories are designed as per the need of the subject and to make the working more effective. They are spacious, having sufficient space between the working tables so as to provide a safe working environment. Fire extinguishers, first aid boxes and other safety aid are kept at easily accessible points.

In Chemistry Laboratories fume hoods are present in each laboratory so as to avoid mixing of toxic and harmful fumes in laboratory environment and to protect the students and staff from the harmful effect. Wooden tables are used in chemistry Laboratories and anti-skid tiles to avoid the accident. Separate preparation room is present in majority of laboratories. Recycling and reuse of solvents is done by Rota evaporator like instruments. An indigenous Gas sensor designed by students is present in the chemistry laboratory for safety measures. Emergency exit is present in case of accidental situations.

The bio-hazardous and harmful waste generated in different laboratories is submitted to the PASSCO agency of Pune Municipal Corporation for the proper processing.

Separate decontamination room is present in Microbiology laboratory for processing of material having potent pathogens and clinical isolates.

In Statistics laboratory, computers are loaded with all the required softwares and designed with inclined monitors so as to have a convenient and effective use.

Darkroom facility is present in the Physics laboratory for the experiments with special requirements.

Language lab is equipped with all the required softwares and audio visual aid. Commerce laboratory is having special arrangement for Mock parliament and display of posters for different competitions such as business plan, business forum etc.

Computer Laboratories are having AC facilities to avoid exposure of computing facilities to dust and thermal runaway of hardware.

Hi grade microscope attached cameras are present in laboratories for capturing observations and the results during the experimentation.

Zoology laboratory has a good collection of specimens, and facilities like insect rearing chambers and preservation chambers.

B VOC laboratory is having majority of the instruments which are used in food processing industries. These instruments are used by students and staff for practicals, projects and research . Many students have developed different food products. Instruments like tray dryers, infrared moisture meter are used to dry food products in very short period of time . Muffle furnace is used to calculate the Ash content.

Some of the systems used in the Laboratories are developed by staff and students.

Psychology laboratory is designed with a facility of counseling cell and cubicles.

Details of Computing facility.

College has a 442 computers -desktops and laptops and related accessories for teaching as well as for practical purposes. Basic as well as advanced softwares which are used in Computer Science, Statistical analysis, Mathematics like R software, MATLAB, office 365 A1 plus, SPSS are present. URKUND software is used to check plagiarism.

Colleges has 4 physical and 6 virtual servers, 40 GB/USER space on cloud for G suit account , G suite accounts subscriptions for all staff and students which is regularly used for teaching - learning, for meetings and for recording.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for additional information	<a href="https://www.moderncollegegk.org/naac_criterion_IV.php">https://www.moderncollegegk.org/naac_criterion_IV.php</a>

4.1.2 - The Institution has adequate facilities for cultural activities, sports, games (indoor, outdoor),

gymnasium, yoga centre etc.

#### Facilities for Cultural activities

The College has an Audio Visual hall(Guruvarya Shankarrao Kanitkar Hall) established in 2007 which is regularly used for cultural activities like competitions/performances, workshops, guidance sessions and practice. Audio visual hall is air conditioned with a permanent platform for performance, music system and speakers, mikes and podium etc. facilities. Total area of the hall is 1200 square feet and the capacity is of 150 individuals.

Separate open air Amphi theatre is present on ground with a covered stage and seating capacity of more than 400 individuals with 3000 square feet area including the stage. Backstage room is present with two entry doors.

Separate room is available for keeping all the musical instruments and the stage material used for the drama and other cultural activities.

The Parent Institute has an auditorium at Shivaji Nagar campus with 500 seating capacity which is used by the college regularly for major programs.

On the need basis available cultural halls and auditoriums nearby are booked and are used for practice.

Musical instruments, Harmonium, Synthesizer, Tabla-Dagga, Octopad , Dolki are available.

#### Gymnasium facility

Gymnasium facility is available in two forms: Indoor and Outdoor.

- Indoor Gymnasium established in 1995 and is having all high-grade instruments for total body workout such as Abdominal Bench, bar bell, bench press, cable cross over pully, Dumbbells Pairs with different weights, Motorized Treadmill, Pull-up and Push up Bar, Rowing Machine, Smith Machine etc

Analytical Instruments like weighing scale, stadiometer, BMI measurement, body fat analyzer, grip dynamometer are present for monitoring the progress of workout. The gymnasium is well ventilated and is used by staff and students at different time slots. There is



a separate changing room attached. At a time the gymnasium facility can be used by 20 individuals.

- Outdoor gymnasium has equipment for total body workout such as shoulder rotator equipment, leg press equipment, chest press equipment, twister equipment, lath machine, chest press equipment with triceps, walker with hand action, open gym cycle, abdominal workout machine etc.

Sport facility -

- Indoor game facility

Colleges has indoor facilities for games like chess, table tennis etc

Indoor badminton court with international standards is available at parent institute P.E.S. societies' campus at Shivaginagar which is regularly used by college .

- Outdoor game facility

Volleyball court with 9\*18 square meter dimensions and basketball court 15.2 \*28.7 square meter (area) with special synthetic coating is present. Open badminton court is 13.4 \*6.1 square meter.

Sufficient number of sport material like football, basketball, badminton, table tennis rackets, hokey, long tennis rackets and balls, fencing, boxing, cricket, fitness equipment, softball are present and issued to the students as per the requirement. Sports equipment issuing register is maintained.

Available sports infrastructure is optimally used for physical education lectures and practice, inter class and Inter College competitions by students and staff members. Amphitheatre stage is used for demonstration of sports activities such as Zumba dance, aerobics, yoga etc. Rappelling sessions were taken in the college. As per the needs facilities at Shivaji Nagar Sports Complex and University ground is used which is hardly 100 meters away from the college campus.

Guidance sessions for yoga are conducted for staff members.

**Sufficient number of yoga Mats are present in the college.**

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

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

**38**

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

**78.69380**

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)

### Integrated Library Management Software (ILMS)

Central library of Modern College of Arts, Science and Commerce, Ganeshkhind, Pune had purchased a commercial library management software AUTOLIB in the year 2006 and since then library functioning is automated. This ILMS is used to manage all library collection like books, journals, magazines, CDs/DVDs, maps, bound volumes, braille books, etc. Bar Code technology is used in the library for issue and return of books. All functions like Issue- return, Renewal, Reports Generation, Stock Verification, OPAC, Federated search for multiple databases, computerized attendance, etc are fully automated.

In the year 2018, the software was upgraded and college subscribed the same AutoLib NG ILMS which provides Web-OPAC. With this new feature, readers can easily access the library catalogue/ OPAC from anywhere and search the library collection online. They can check which books are issued on their names, due date, renew the due date and check other electronic resources library has provided.

The OPAC Link is available on  
<http://117.247.80.59:91/autolibwebopac/>

Apart from AUTOLIB ILMS library is using DSPACE content management/ digital library software. Using this software library has created an Institutional Repository (IR) and access is made available online on college website. In the IR faculty publications, syllabus, question papers, free e-books, audio books for Divyangjan students, CDs/DVDs, e-content prepared by the teachers and many more information is made available. IR is growing fast.

Readers can access this IR through college website.

File Description	Documents
Upload any additional information	<a href="#">View File</a>
Paste link for Additional Information	<a href="http://117.247.80.59:91/autolibwebopac/">http://117.247.80.59:91/autolibwebopac/</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**

A. Any 4 or more 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)

**6.6 Lakhs**

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

**35**

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 augmented it's basic IT infrastructure time to time by including the computer systems having advanced Pentium -IV microprocessors of intel family, memory configurations

from 2GB RAM & 320GB HDD to 16GB RAM & 500 GBHDD and operating systems from windows 7 to 10 along with CENTOS and some other supporting high level of multitasking , multiprogramming environment.

- In all total 442 computers including 48 all in one type and 394 desktops are available. They are assembled for various computing needs such as office, staff areas, library, general and research laboratories.
- As per change in the curriculum by Savitribai Phule Pune university , 20 PCs from Computer laboratory are upgraded with 16 GB RAM.
- As per need of time bandwidth is increased from 10 MBPS to 2 lines of 100 MBPS.
- Administrative staff is empowered with 27 laptops of various leading makes like HP, DELL, LENOVO and COMPAQ.
- User Friendly online Admission procedure for about 5500 candidates is enabled by software from Vriddhi and Digitechedu Service providers.
- All the classrooms, some laboratories and seminar halls support ICT based teaching learning processes with 40 projectors, 4 smart boards and televisions. Simply with 40 numbers of additional audio-visual accessories, existing Cloud storage facility of 40 GB per user of institutional G-suite and of One drive (1TB per user) allowed an uninterrupted administrative as well as knowledge dissemination process in Covid Pandemic situation too.
- Moodle is the LMS platform where the exchange of knowledge takes place among the teachers and students. Along with curricular, co-curricular activities are enabled through this LMS platform.
- RFID attendance system is developed and tested for B.C.A Science. classes during 2018-219.
- Hard copies can be made available with 76 printers ranging from 16 DOT matrix, 27 Laser to 33 All in one technology printers of HP, CANON and some other makes.
- Examinations of about 4500 examinees for 960 titles are

smoothly conducted due to sufficiently available printing facility using high-capacity printers and scanners of RICO, KONICA, RISO and XEROX company products.

- Examination bill processing software is developed by students of B.B.A. (Computer Application).
- Thermal and dust free environment is available due to 13 AC with 1/1.5/2 tons of capacity along with a server facility of 4 physical and 6 virtual Hyper -V virtualization server and UPS facility.
- Total 5000, office-365 A1 licensed copies for students and 500 copies for staff are purchased from Microsoft. Total 1000000, office-365 A1 plus licensed copies for students and 50000 copies for staff are purchased from Microsoft in year 2020.
- 56 CCTV cameras in laboratories and classrooms help reduce malpractices during examinations.
- Licensed software's like MATLAB, Antivirus Kaspersky, Microsoft Licenses are procured for safe and secure operating computing environment and promote co-curricular and research activities among students.

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

#### 4.3.2 - Number of Computers

442

File Description	Documents
Upload any additional information	No File Uploaded
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)

57.67037

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.

**Systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

##### **Physical facility and Academic facility**

- **Classrooms**

##### **Policies for Maintenance**

Regular cleaning and maintenance is carried out so as to provide an effective learning environment to the students. Some of the class rooms are provided with the electricity generated by hybrid wind and solar plant present in college campus. Regular cleaning is outsourced for maintenance of buildings and other facilities.

Looking at the volume of work some conservancy work is allotted to support staff. Regular monitoring and repair of electrical and fixtures is done

#### Policies for Utilization

- Central timetable is designed in such a way that there is maximum utilization of infrastructure and classrooms. College is conducted in two sessions

- Laboratories

#### Policies for Maintenance

Annual maintenance contracts are done for high grade instruments. Stabilizers are used for instruments. Regular servicing and maintenance is carried out for the instruments. Calibration of instruments is done. Service engineers from manufacturing companies are called for the repairs if available. Comparative statements are made from quotations taken from different agencies for the repair, and one who can give effective service is given the work.

#### Policies for Utilization

Practical batches are prepared so as to give hands-on experience to all the students. Practical are conducted in morning, afternoon and evening sessions for maximum utilization of laboratory space

- Library

#### Policies for Maintenance

Annual maintenance contracts are done for the software used in the library. Proper ventilation is done so as to maintain a dry environment near bookshelves. Regular dusting and cleaning is done by using vacuum cleaners. Pest control is carried out so as to increase the life of valuable resources of the library. Furniture and fixtures are centrally repaired as per the requirement.

Library is fully automated. Computerized issuing and returning of books is done so as to save time. Book exhibitions are conducted in the library and books suggested by staff members are included in the library. Open access is given to students to the books so as to have effective referencing and exploring of new books related to



subjects. Special reading room facility and Computers are provided for access to e- content. Library staff conduct orientation and information literacy programs to educate patrons. New arrivals are exhibited on board and screens.

#### Policies for Utilization

Library is kept open during long vacations for the benefit of the students. Qualified staff is appointed in the library to guide and help students. Separate computer is provided to student for book search. Social platform is used to notify about the current updates of library. Flip classroom was used to educate patrons online through tutorials and videos prepared.

- Computers

#### Policies for Maintenance

Maintenance and support are carried out by Excel IT services Pvt. Ltd on AMC basis with three full time system administrators. Regular up-gradation is carried out for hardware and software.

#### Policies for Utilization

Available computers are distributed in departments, office and library and for administrative work as per the requirement and load of the work. Computers are connected through LAN and with a high speed internet facility. Computers are provided with upgraded antivirus.

- Sports facility

#### Policies for Maintenance

Regular maintenance is carried out for gymnasium, sports equipment and sport material from experts in the field.

Synthetic surfaces on ground are cleaned periodically

#### Policies for Utilization

Sport material is issued to students as per the schedule. For Inter-collegiate competitions sport material is issued to the student for the period of the competition. Gymnasium is used by students as per

the given slot.

#### Other Facilities

- Botanical garden is maintained by earn and learn students and monitored by one of the staff members of the botany department.
- The garden/wet waste is used for making bio fertilizer /compost through the baction composting unit and in the botanical garden also.
- Regular use of fertilizers and pesticides is done to maintain the garden. Regular pruning of plants is done by support staff of the college. Many medicinal plants and plants required for practical purposes are maintained in the botanical garden.
- Need based repair work of furniture and fixtures (including electrical appliances like fan, A.C., CCTV, murals, Equipment -Telephone, Sound system, Cameras,) is done by giving contracts to proper agencies. Record register is maintained centrally for the requirements. The sanction process is done through dead stock and purchase committees.
- Maintenance and painting of building and infrastructure is done as per need.
- Cleaning, maintenance and replacement of resins of water filters is done on a regular basis.
- Software maintenance is done through ticket system software maintained by Aditi IT services. Staff raise tickets regarding requirements or issues related to software and hardware. Two system admin staff members will go through it and solve the issue.
- Experts and technicians visit as per need for maintenance of printers and copiers. Work like cartilage refill and toner change is done as per need.
- Cleaning of drainage pipelines is done regularly. Channels used to flow away rainwater are cleaned before the rainy season so as to avoid excess accumulation of rainwater in the campus.

- Parking paving blocks are maintained and painting of parking lines is done for systematic parking of vehicles.
- Refilling of formalin is done for long term preservation of biological specimens.
- The musical instruments and sound systems are maintained and repaired by authentic agencies.
- Optical systems of microscopes are regularly cleaned with proper solvents.

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

## 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

990

File Description	Documents
Upload self attested letter with the list of students sanctioned scholarship	<a href="#">View File</a>
Upload any additional information	No File Uploaded
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**

9

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>

**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**

A. All of the above

File Description	Documents
Link to Institutional website	Nil
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**

7

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

7

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>A. All 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	<b>No File Uploaded</b>
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**

**85**

--

File Description	Documents
Self-attested list of students placed	<a href="#">View File</a>
Upload any additional information	<a href="#">View File</a>
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

File Description	Documents
Upload supporting data for student/alumni	<a href="#">View File</a>
Any additional information	<a href="#">View File</a>
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

01

File Description	Documents
Upload supporting data for the same	<a href="#">View File</a>
Any additional information	No File Uploaded
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.**

0

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 )

Every year, the College conducts elections for University Representative, Ladies Representative and Sports Representative and Class Representative. Representation is provided for students on Statutory Bodies such as the Internal Committee (for Prevention and Prohibition of Sexual Harassment), Anti Ragging Committee and Grievances Committee. The representatives participate in committee meetings, deliberations and decision-making process and bring the much-needed students' perspective to the work in hand. The Student Council helps in maintaining academic discipline and rigour. They are assigned special tasks during co-curricular, extra-curricular and sports activities. They also help in coordinating the Alumni and Current students' festival and entrepreneurship event Vividha. Members of the Students Council perform a proactive role during Inter Collegiate Events and Competitions related to Sports, Academics, Co-Curricular and Extra-Curricular activities such as Annual Sports Day, Annual Prize Distribution Program, Cultural activities and Competitions, Annual NSS Winter Camp, NCC Republic Day Parade, Anubhuti Science Exhibition organized in the College. Besides this, Student Council Members as well as Student representatives take a lead, assist faculty members, help in coordinating and volunteer in several college level as well as departmental activities.

Besides this, Student Council Members as well as Student representatives take a lead, assist faculty members, help in coordinating and volunteer in several college level as well as departmental activities.

File Description	Documents
Paste link for additional information	Nil
Upload any additional information	No File Uploaded

### 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

File Description	Documents
Report of the event	<a href="#">View File</a>
Upload any additional information	No File Uploaded
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

Modernites is a registered alumni association of P.E. Society's Modern College of Arts, Science and Commerce Ganeshkhind Pune. It aims at enhancing employability and entrepreneurial skills amongst youth by collaborating with the college for various events so as to bridge the gap between academia and corporate. In the academic year 2020-21, it financed Endowment Scholarships to the tune of Rs.61,962/ Modernites conducted the following online programs: Celebration of Independence Day, a Skill Development Course, and felicitation of Corona Warrior Bankers. They were experts and Resource Persons for programs of the Departments of Psychology,



History, English, Commerce, Microbiology, Chemistry and BCA.  
Several Alumni achieved many laurels in their respective fields.

File Description	Documents
Paste link for additional information	Nil
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	No File Uploaded

## 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 Statement

We aspire to be recognized as a college of first choice for excellent and accessible undergraduate education dedicated to serving its surrounding communities through intellectual, cultural, technological and professional contributions. We aim to be known as an institution whose members share a passion for teaching and learning, an abiding commitment to innovative findings through research and creative activity and maintain a strong sense of responsibility and accountability towards society and the nation at large.

#### Mission Statement

Our goal is to create and develop 'Modern' youth as responsible citizen with multidimensional personalities by inculcating among students a blending of cultural awareness, compassionate and progressive attitude, scientific insights and time-tested traditional values.

The college is governed by Progressive Education Society, Pune, which is renowned name in the field of education, founded in the year 1934 by Shri Shankarrao Kanitkar, a teacher and freedom

fighter. Most of the members in the governing body belong to the teaching field. Progressive Education Society is headed by a dynamic leader, with more than 35 years of experience in the field of education. He takes keen interest in introducing challenging courses as per the demands of changing time. He motivates and encourages faculty members to undertake research activities and organize and participate in the activities which help to update the knowledge.

Progressive Education Society is formed by elected members, Board of Life Members and Board of Life Workers, Representative from the college and society, nominated experts and the Business Council and representatives of the teachers as Ex-officio forms Business Council. The management, Principal of the college and faculty members work together for effective implementation of the policies. Qualified staff is appointed and best infrastructure is provided to impart quality educational facilities to the students.

The College Development Committee (CDC) is formed by following the procedure laid down by Maharashtra University Act with the representative from management, teaching, and non-teaching staff. Principal and visitor (representative from the management) works as a bridge between the management and college for effective governance. CDC ensure effective implementation of academic and administrative policies.

Internal Quality Assurance Cell (IQAC) with Principal works together for quality education. IQAC take care of academic and administrative policies by preparing and planning in consultation with CDC members, Vice-Principals, Head of the Departments and senior members of the college. Academic and activity calendar is prepared for smooth functioning of the college. Meetings are conducted and policy decisions are conveyed to faculty members. Different committees are formed to take care of day to day proper functioning of the college.

IQAC plans to strengthen the research activity by motivating students to participate in the research conference and competitions. Activities are planned under DBT-STAR College Scheme by all Science departments. Students are motivated and encouraged for Summer Training/ Internship programmes. Students are given industry and corporate exposure through industrial visits, guest lectures and Soft Skill workshops. Skill development courses are conducted to make students employable and/or self-employable. Various initiatives are undertaken to make the campus eco-friendly.

An initiative was taken along with other lead colleges for forming a Cluster of IQAC Coordinators. This novel idea established a platform

for HEIs to understand revised framework of NAAC. Interactions of cluster members have helped different institutions in their accreditation process. Initially the activities of Cluster were conducted with the state of Maharashtra. Gradually the activities and its importance were well received by HEIs of other states as well. More than 1200 institutions from various states in the country and 3000+ IQAC personnel are now associated with the IQAC Cluster.

File Description	Documents
Paste link for additional information	<a href="https://www.moderncollegegk.org/">https://www.moderncollegegk.org/</a>
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.

Management trust on decentralization and participative functioning of the College which may reflect in the following.

a) At the end of every academic year the Heads of different departments of the college prepare prospective workload for the next academic year on the basis of current student strength. The Head of the institution then seeks approval for the same from the management authorities. Recruitment procedure of additional staff is planned accordingly. By following the rules laid down by the Government, University applications are scrutinized by respective head of the Department. At the time of interview on the basis of performance selection of suitable candidate is done by the interview panel comprises with external subject experts, management representative, Head of the respective department.

b) Admission committees are formed every year in order to smoothly conduct admission procedure of different courses and classes of different faculties. Senior faculty members along with office administrative staff members are included in the committee. Periodic meetings are arranged for proper coordination and sharing information. Committee members go through the rules of admissions and help students to select the proper subjects and course. They give the information to the students about career options and conduct the counseling session if required. They verify the admission form and provide guidance to the students.

File Description	Documents
Paste link for additional information	<a href="https://www.moderncollegegk.org/organogram.php">https://www.moderncollegegk.org/organogram.php</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

Creation of a research-based experiential learning center (A journey from DBT Star to DST-FIST and DBT-BUILDER)

Modern College was selected for Star College Scheme of the Department of Biotechnology (DBT), Government of India, in 20112. This resulted in an unprecedented growth in laboratory infrastructure developments, with procurement of large number of small equipment besides some high-end equipments, the laboratories were restructured and renovated, and were fixed with lab-safety measures. All ten science departments were supported under this prestigious scheme, probably the only college in the country to have support for so many departments. This has helped the college in introducing student- centric, research -based teaching pedagogies and one of the distinctive features was the introduction of research projects at under-graduate levels, right from the first year and to continue them till their final years of UG degree programs. Overall, more than 1500 under-graduate and 700 post-graduate students have undertaken independent research projects so far in the last 5 years. This was a unique experiment, which got wide appreciation at DBT and was specifically highlighted on the DBT's web portal (<http://dbtindia.gov.in/schemes-programmes/building-capacities/teaching/star-college-scheme-strengthening-ug-science>). Consequently, the college was awarded coveted 'Star Status' in 2017-18 with a sanction of Rs. 2.82 Crores.

Many of the projects by under-graduate students were continued in their post- graduation in the same college (maintaining the pool of advanced-learner students), which resulted into quality research projects with quantifiable outcomes. These research activities at post-graduate levels were driven mainly by the support under two consecutive cycles of DST-FIST program at the college (the college is currently into the 2nd cycle). This has introduced the students to the long-term theme-based research activities. The post-graduate students were now able to publish their findings into high impact

research journals. This success has encouraged the college to apply for BUILDER Program (Boost for University Interdisciplinary Life Science Program for Advanced Research and Education) of DBT, Govt. of India, one of the most coveted schemes in the country. The college was awarded this scheme, being one of the three colleges from the state, with a total fund of Rs. 2.5 Crores for five years (2021-25). This

scheme has taken the institute to the next level, and the college has proposed theme-based research activities in cross-cutting areas with high contemporary relevance, through the engagement of post-graduate, doctoral and post-doctoral students along with the faculty members. This exemplifies the perspective plan and its effective execution for creation of a vibrant, experiential, research-based learning center in the college.

File Description	Documents
Strategic Plan and deployment documents on the website	<a href="#">View File</a>
Paste link for additional information	Nil
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.

The college is governed by Progressive Education Society and permanently affiliated to Savitribai Phule Pune University, Pune.

#### Administrative Setup:

The organizational structure consists of the Parent body- the Progressive Education Society. The Chairman of the governing body is Dr. G.R Ekbote. The Chairman along with the Business Council Members of P.E Society are entrusted with the power of designing policies and taking decisions for smooth functioning of the college.

#### College Development Committee (CDC)

Constituted as per Maharashtra University Act, 2016, the CDC is an apex body and acts as a link between the Management and the College. It comprises of Office Bearers of the Management, the Principal, teacher representatives, and non-teaching staff representatives.

The CDC plays a significant role in budgetary matters of the college and is actively involved in taking policy decisions in issues related to development of the college. The CDC also appraises the Management about vacancies and recruitment of teaching administrative and support staff of the college. A minimum of two meetings of the CDC are held during the academic year to assess the needs and work towards the progress and development of the college

#### Internal Quality Assurance Cell (IQAC)

The IQAC is considered as the think-tank of the college. It comprises of the Principal, Co-Ordinator, teachers, members of the management of PE Society, and other stakeholders like student representative, Alumni, parent representative and representatives from industry, education, and corporate sectors. All academic, curricular, extra-curricular, extension and developmental activities come under the purview of the IQAC.

As an Advisory body, the IQAC helps to initiate student and staff-exchange programs and assist in their empowerment.

The college IQAC has been playing a significant role in mentoring different colleges with whom MoU has been signed. The details are as follows:

- The college has an MoU with Sree Balaji Society's Balaji College of Arts, Science & Commerce, Pune for mentoring and extending academic cooperation.
- MoU with KRE Society's Karnatak Arts, Science & Commerce College, Bidar for research collaboration.
- MoU with PES' Modern College of Pharmacy, Moshi for exchange of scientific, academic, and technical information.

#### Academic Administration

The Principal is assisted by four Vice Principals followed by the Heads of the departments and faculty members. For official matters, the Registrar is assisted by the Senior and Junior Accountants, clerks, and support staff.

At the department level, the organization includes Heads of departments, faculty members and non-teaching staff.

The Librarian is the head of the Central Library and is assisted by the Assistant Librarian, Library clerks and library attendants.

The Physical Director heads the Department of Physical Education and Sports and has an attendant for his assistance.

#### College-level Committees

The overall functioning of the college is carried out smoothly and effectively with the help of different internal committees dedicated to student development through academic, research, curricular, extra-curricular, extension and outreach programs and activities conducted all through the academic year. While the

Academic Planning Committee chalks out a detailed Academic Calendar, the other committees work in perfect synchronization for overall student development and qualitative and quantitative growth of the institution.

The Admission Committee monitors the intake of students to various UG and PG programs based on the admission policies of the Govt. of Maharashtra and guidelines laid down by the parent university (SPPU)

However, the Management of Progressive Education Society, while adhering to the government rules with respect to the number of students, also ensures that admission is given to deserving students based on merit through indigenously designed entrance tests. The college ensures admission and caters to students with diverse needs viz. girl students, students from socially and economically deprived strata and divyanjan category.

Students are also made aware of various government schemes, scholarships, and free ships which they can avail during their academic program. SETU is a scholarship scheme initiated by the college, wherein every teacher voluntarily contributes, and the fund collected is used to provide financial assistance to needy and deserving students.

In addition to this, the Management of the college provides financial assistance to needy and meritorious students through endowment scholarships instituted by the alumni and faculty members of the college. The college also takes efforts to approach various NGOs and philanthropic organizations for sponsoring the tuition fee of economically weak but deserving students.

#### Service Rules and Recruitment:

The college follows the rules and regulations laid down by S. P. Pune University, UGC, New Delhi and Government of Maharashtra. For

recruitment of non- teaching staff, the Management follows the rules set by Government of Maharashtra.

However, certain policy decisions in this regard are taken by the Management of PE Society and carried out at the college level.

The Management of the college takes great care to ensure the quality and academic standards of teachers. Recruitment of teachers is carried out meticulously by screening of applications and Interviews conducted by a panel of experts who test the candidate for their subject knowledge, communication skills and other pre-requisites of a good teacher. Academic skills of in-service teachers are upgraded periodically by encouraging them to engage in research activities, participation in faculty development programs and enrichment courses.

Promotional policies:

Promotion of teachers is based on the Career Advancement Scheme (CAS) of the UGC and Government of Maharashtra. The promotion of non-teaching staff is carried out as per the Government of Maharashtra norms.

Grievance Redressal Mechanism:

Grievance -redressal mechanism is effectively implemented through dedicated committees constituted for the purpose. The college has a Grievance Redressal Committee, Women's Redressal cell, Anti-Sexual Harassment Committee, Anti-ragging Committee, and Discipline Committee for proper redressal of the grievances of students and the faculty.

Display boards are mounted at strategic locations on the campus, stating rules, regulations and statutory warnings necessary to maintain discipline and abide by the code of conduct. Both students and staff are thus made aware of the authorities they may approach in case of any grievance. Grievance Redressal Cell addresses and assesses the nature of the grievances while maintaining confidentiality. The complainant is informed about the disciplinary action taken. Also, certain rules and strategies are followed to avoid recurrence of any untoward incidents.



File Description	Documents
Paste link for additional information	<a href="https://www.moderncollegegk.org/IQAC_Minutes.php">https://www.moderncollegegk.org/IQAC_Minutes.php</a>
Link to Organogram of the institution webpage	<a href="https://www.moderncollegegk.org/organogram.php">https://www.moderncollegegk.org/organogram.php</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**

A. All 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

**Welfare Schemes for Teaching and non-Teaching Staff:**

**Encouragement & Motivation:** The College encourages & motivates Teaching Staff for Orientation / Refresher / Short Term Courses. Non-Teaching staff are encouraged to participate in Professional Development Courses related to Administration work and Duty leaves are sanctioned to the staff for this purpose.

**Encouragement and Motivation for Higher Studies:** The College always encourages & motivates Teaching Staff for their Doctoral, Post-Doctoral Studies & the Non-Teaching Staff for pursuing higher studies in order to upgrade their qualification.

**Funded Research Projects:** The College always encourages & motivates

Teaching Staff to undertake Research Projects in reputed institutes and provides them Special / Duty Leaves to carry out their project work.

Courses Conducted by the Institute: The College also conducts FDPs and Short-Term Courses for Teachers.

Laboratory Safety Programs: Laboratory Safety Programs are conducted for Teaching and Non-Teaching staff regularly.

Facilities: The College provides infrastructure facilities viz. Computers, Laptops, Desktops, Printers, Scanners & LCDs to all the departments for smooth functioning of day-to-day academic activities and for personal research of the Faculty members.

General Welfare Schemes for teaching and Non-Teaching Staff:

Provident Funds: Employees Provident Fund (EPF) is a Retirement benefit Scheme provided by the Institution for the benefit of all its employees.

Counselling Centre: College has a Counselling Cell for teaching, non-teaching staff and students.

Medical Insurance: The Institute provides Medical Insurance to Principal and Vice Principals.

Gymnasium: Well Equipped Gymnasium facility is available for staff and students.

Sports: Sports Facility available to maintain health and fitness of Teaching and Non-Teaching Staff.

Pat Pedhi (Credit Cooperative Society) : Financial assistance is provided to the members of Progressive Education Society employees' credit Cooperative Society. Membership of the Credit Cooperative Society is offered to permanent Teaching and administrative staff. Their monthly subscription and Loan instalment (if any) is deducted from the monthly salary and deposited in the Credit Society's Account.

Parent Teacher Meet: Parent Teacher Meets are conducted every year for the Healthy Environment and smooth conduct of Teaching-Learning Process.

Health & Hygiene: Special housekeeping agency has been appointed for

maintaining cleanliness on campus, washrooms, staff rooms, corridors, departments and classrooms.

**Felicitation:** Progressive Education Society felicitates Teaching and Non-Teaching Staff every year for their outstanding contribution in teaching, research, extension activities, administrative work and other achievements. The institute also encourages deserving staff members to apply for University Foundation Day awards.

**Financial Help:** The College has a practice for providing financial assistance and advance salary to needy staff members.

**Medical Assistance:** Chairman Business Council of Progressive Education Society himself is a well-known surgeon and his well-equipped hospital situated near the college. He provides medical guidance to the Staff. In Covid 19 pandemic situation Medical Awareness Campaign was conducted by him.

**Health Awareness & Sanitation:** Health Check-up Camps, Blood Donation Camps, HIV Awareness, Covid 19 Awareness Programs are conducted by the College from time-to-time, All precautionary measures were taken by the College during the Covid 19 Pandemic situation for example increasing number of Wash Basins, Oxymeters, Sanitizers, Temperature Guns, Soaps and maintaining physical distance structure etc.

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**

0

File Description	Documents
Upload any additional information	No File Uploaded
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**

5

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	No File Uploaded
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**

File Description	Documents
IQAC report summary	No File Uploaded
Reports of the Human Resource Development Centres (UGCASC or other relevant centers)	No File Uploaded
Upload any additional information	No File Uploaded
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

#### Performance Appraisal System: for Teaching Staff

The Institution follows the Performance Appraisal System laid down by the UGC and implemented by University of Pune in the Form of Performance based appraisal system the Minimum norms of Selection Committee, Selection Procedure as well as API Score Requirements for the Different cadres.

Confidential Report of Teaching and Non-Teaching Staff is prepared by Principal of the College every year. A very systematic and effective Performance Appraisal System of the College is in place for all Teaching and Non-teaching Staff Members. Through these appraisals the College encourages professional growth and development. The Process is designed to explore the individual professional skills and progress of employees and their participation in Academic, Research, Curricular and Co-curricular activities which in turn lead to the overall development of the Institute. Performance Appraisal System is implemented for both teaching and non-teaching staff. The Appraisal System for performance review is conducted by the Appraisal Committee and Chairperson of IQAC is head of the Committee. The Committee checks and reviews documents and academic achievements. The Principal who adds his remarks on the document and forwards them to the Management. The Management adds their final remarks on the Teachers' Appraisal form and recommends him/her for CAS.

Nonteaching staff appointment and promotion

Non-teaching staff appointments:

On the basis of workload received from Joint Director of Higher Education a roster is verified from the SPPU and Joint Director, Higher Education, Pune region, Pune. NOC is obtained from the Joint Director for advertisement of various posts. Vacancies are advertised in local/national newspaper and interviews are conducted. On the basis of interview, candidates are given appointment. Management drafts resolution for appointing staff. Suitable candidates are given appointment letters. On the basis of these appointments proposal for pay fixation is sent to the Joint Director, Pune region along with necessary documents. After fixation from Joint Director of Higher Education, approved employees are enrolled in Sevatha software for disbursement of salary.

Non-teaching staff promotion.

On the basis of workload received from Joint Director, roster is verified from the SPPU and Joint Director, Higher Education, Pune region, Pune. NOC is obtained from the Joint Director for advertisement of various posts.

On the basis of roster verification, list of candidates who are due for promotion is prepared by the college on the basis of seniority, roster points, educational qualification etc. On the basis of interview, candidates are given promotion as per the rules of Savitribai Phule Pune University and Government of Maharashtra. Management drafts a resolution for promotion given to the concerned staff and promotion letters are issued. Proposal for pay fixation is sent to the Joint Director, Pune region along with necessary documents.

File Description	Documents
Paste link for additional information	Nil
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

Internal-external audits are conducted regularly. Internal auditor is appointed by parent society. Internal auditor checks

1. All receipts and payment vouchers

## 2. Utilization of funds received from various agencies.

College has separate mechanism to ensure financial discipline. Parent society has created separate post "VISITOR" to monitor financial transactions. Each payment voucher is signed by accounts office, Principal and Visitor.

Internal auditor checks whether all funds received from various funding agencies are utilized as per guidelines and utilization certificate is sent to respective agency.

Report of internal audit is sent to parent society every six months. Internal auditor is changed every six months.

External audit is done annually after completion of financial year. External auditor is also appointed by parent society. External auditor checks

1. Purchase register and dead stock register
2. Library records and accession register.
3. Receipts and payments

College receives grants from University Grant Commission, Department of Biotechnology, Department of Science and Technology and other funding agencies. External auditor checks whether proper procedure is followed for utilization of grants as well as whether expenditure is allowed under particular head and its limit. Queries raised by auditor are duly clarified and no queries remain pending till date.

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)

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

College raises its funds through various resources such as fees from students, Salary grant received from government foe aided staff. In addition of above mentioned sources, college gets funds and research grants from funding agencies like UGC, DBT STAR, DST, Savitribai Phule Pune University (SPPU) . College also receives funds from SPPU for quality improvement programs, Earn and Learn Scheme. Endowment Scholarships from alumni are also source of funds for college.

Purchasing Committee takes decision of purchase of capital equipments. Well defined procedure is followed for purchases. Committee reviews quotations given by vendors thoroughly and final decision is taken on the basis of comparative analysis.

College has building committee which authorizes infrastructure development or creation of permanent structure at campus.

Every year budget is prepared taking into consideration requirements of each department, office and various committees. Budget is presented before parent society and approved by same. Utilization of budgeted amount is closely monitored. Special permission is required for non-budgeted expenditure.

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



IQAC of the institution is constantly working on the quality improvement in various areas. Under the aegis of IQAC the Academic Planning Committee prepares a detailed academic plan for each academic year and ensures optimum utilization of the available infrastructure. Academic Calendar is prepared and uploaded on the institutional website. IQAC has adopted quality improvement strategies in areas like curriculum development, teaching-learning, examination and evaluation, research and development.

#### Practice-1 : e-governance

IQAC has focused on the implementation of e-governance in the areas like Planning, Administration, Finance and Accounts, Admission Process, Examination and Evaluation.

All computers of the college are connected through LAN. The College has developed a Common Server that preserves and provides all academic and official data under one system of online information. The information and details provided in all respective folders on this server are later procured for many official purposes like drafting of magazine reports, annual reports, higher education reports, submission of AQAR and preparation of SSR etc. This also gives accessibility to the Management to scrutinize and verify all the activities conducted by different departments and faculties of the College.

The College has adopted paperless documentation system. This ensures timely submission of information related to academic, co-curricular and extra-curricular activities conducted by various departments.

Fully equipped computerized methods are followed and advanced software is used to keep track and records of all finances of the College. The Management checks, verifies and guides the finance and accounts section from time to time. Admission process is fully online, wherein students' data is saved and used by the college for further correspondence in all official and administrative work. Besides that online messages and short messaging services are also used to inform and notify students about different academic and official activities.

The college has adopted Moodle Learning Management System. Lecture notes, study material are shared with students through Moodle. Online feedback is also collected through Moodle. The College has also subscribed to G-Suit and Microsoft Teams for the conduct of online lectures. The College has created separate email for each

staff and student through which official correspondence is done. Online examinations are successfully conducted through various platforms available. During the pre-pandemic period when the examinations were offline, the seating arrangement of the students for internal and university examinations was provided online to the students through college website. The College also displayed results of internal examination on the College Website.

#### Practice-2 : Human Resource Development

IQAC initiates Capacity Building Programmes for teaching and administrative staff throughout the year. For teaching faculty efforts are taken for enhancing knowledge from domain area. Awareness about research based pedagogies is generated through workshops and interactive discussions. IQAC tries to involve external support by roping in professional bodies for MoUs and FDPs. Training programmes on online teaching-learning process were conducted. In order to enhance performance and to imbibe ownership among administrative staff, a Capacity Development Workshop was conducted by in-house faculty members.

File Description	Documents
Paste link for additional information	Nil
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 college has a functional IQAC setup as per norms that includes Teacher Representatives, Members from Management, a representative of Administrative Staff, one nominee each from Local Society, Students, Alumni, Employers, Industry and Parent.

IQAC has constituted a feedback committee which seeks feedback regularly from all stakeholders. Based on the feedback an action is taken in the form of a communication to the concerned teachers and the teachers are suggested to conduct bridge courses, add-on courses and remedial courses and to use ICT based teaching methods to improve the teaching learning process. IQAC organises induction program for teachers and Trainer's Training on teaching pedagogies for newly inducted teachers.

IQAC organises departmental presentations and discussion sessions to share and exchange the various teaching methodologies adopted. IQAC also organises training sessions for defining learning outcomes and also for its attainment.

Every teacher is expected to submit a work done report periodically on teaching learning process and co-curricular and extracurricular activity. Every year teacher is expected to fill annual Performance Based Appraisal Form which IQAC scrutinises for API verification.

File Description	Documents
Paste link for additional information	<a href="https://www.moderncollegegk.org/naac_criteria_on_II.php">https://www.moderncollegegk.org/naac_criteria_on_II.php</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)**

**A. All of the above**

File Description	Documents
Paste web link of Annual reports of Institution	<a href="https://www.moderncollegegk.org/IQAC_AOAR.php">https://www.moderncollegegk.org/IQAC_AOAR.php</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

As a conscious society we all know that gender equity promotes balanced development and sustainable society.

This year on the backdrop of COVID-19 situation, we have organized online workshop (Two days ) on 'Gender in everyday life: Breaking the boundaries' for students and teachers of our college with the gender experts from various fields to address the 'Gender Equity' aspect. Around 500 participants actively participated in this interactive workshop.

IWC Pune Imperial and Modern College, Ganeshkhind jointly organized a webinar on Gender Sensitization. Session addressed by well-known Mountaineer Aparna Prabhudesai. She has scaled Mount Everest in 2017. Mountaineer Aparna Prabhudesai guided students on how to be self-motivated & remain focused in challenging situation. She highlighted that why gender equality is important. We must acknowledge the diversity aspect and should try to create inclusive society. This webinar live streamed on the college You Tube channel. 3000 plus views reported.

Our college and Inner Wheel club and IWC Gen-Z jointly organized discussion on the issue of female foeticide. Padmashree Sindhutai Sapkal was the speaker. This discussion was live streamed and 2500plus views reported on the same day.

During this unprecedented time, we have also organized online guest lecture especially for girl students on 'International Women's Day' on the topic 'Food: The Medicine' 90 students participated in this lecture.

Our own 'Vidyarthini Manch' actively involved in keeping the campus inclusive. This year health was the focus area; on this line 'Vidyarthini Manch' organized two online sessions on -"Menstrual Health and Hygiene" and "Importance of Nutrition in health" with the experts in this field. It was live streamed on You Tube and that same day 2290 views reported.

As an educational institution we are creating the space for the student to engage with their own surrounding in a creative way. This year Department of English and students published the magazine 'ODYSSEY' and theme is the 'The Pink and Blue Divide: Breaking Stereotype' it is part of our sincere effort to sensitize student

and our stakeholders regarding gender issue.

Our staff committed to the Gender equity goal, and it reflects in their academic endeavours. The book Titled "Psychology and Gender" published in Aug.2021 by SAGE Publications is written our own faculty member Dr. Sadhana Natu.

File Description	Documents
Annual gender sensitization action plan	<a href="https://www.moderncollegegk.org/NAAC_DATA/7-1-1-%20Gender%20Action%20Plan.pdf">https://www.moderncollegegk.org/NAAC_DATA/7-1-1-%20Gender%20Action%20Plan.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://www.moderncollegegk.org/NAAC_DATA/7-1-1-%20Infrastructure%20for%20Gender%20Equity.pdf">https://www.moderncollegegk.org/NAAC_DATA/7-1-1-%20Infrastructure%20for%20Gender%20Equity.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**

A. 4 or All of the above

File Description	Documents
Geo tagged Photographs	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

Waste management is very important as it reduces the toxic impacts on the environment. Organic biodegradable waste including canteen waste is processed in the Baction-composting unit installed by Nila Polycast Baction. 100 Kg garbage is processed in a week. To treat laboratory waste water our college has installed the Effluent Water Treatment Plant (2000 liter) which cleans the effluents from the wastewater. This recycled water is used for plants in the campus. Similarly the waste water coming out from the Ro plant is systematically utilized for plants in the campus.

Used solvents are either recycled by using Rota evaporator or before disposal of chemicals students dilute chemicals by treatment and then discarded.

Biowaste is segregated into dry, wet, sharp and stored in separate colour bags before being given to 'Pasco Environmental Solutions'. Biomedical waste like microbial cultures and media are autoclaved before disposal.

The College has signed a MOU with Kuldeep E scrap material through which all the e-waste in the college campus has been taken care of. Other scrap material like metal, wood, glass, etc is given to scrap dealers for recycling. Paper waste (Raddi) is also given for recycling.

Radioactive waste is not generated in the campus.

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>

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

A. Any 4 or all of the above

File Description	Documents
Geo tagged photographs / videos of the facilities	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**7.1.5 - Green campus initiatives include**

**7.1.5.1 - The institutional initiatives for greening the campus are as follows:**

1. Restricted entry of automobiles
2. Use of bicycles/ Battery-powered vehicles

A. Any 4 or All of the above

- 3. Pedestrian-friendly pathways**
- 4. Ban on use of plastic**
- 5. Landscaping**

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	<a href="#">View File</a>

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

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

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	<a href="#">View File</a>
Any other relevant information	<a href="#">View File</a>

**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**

**A. Any 4 or all of the above**

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	<a href="#">View File</a>
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).

As an educational Institution we have demographic diversity as the students hail from different socio-economic backgrounds and come from diverse regions having their own language preferences.

Diversity is also seen in the parent stakeholders whose occupations range from farmers, auto rickshaw drivers, house help to businesspersons and doctors.

With respect to the distinctiveness of every student , we try to ignite a feeling of 'camaraderie' among all the members of the institution by giving space to each and every stakeholder to participate, explore, enhance and attain their full potential, ultimately making the campus an equitable place.

In order to address this language diversity we have a Language Lab with software to familiarize students with spoken as well as academic English.

Peer platforms and informal support groups are created to provide an inclusive space for students. Teacher Mentors are assigned to the International and North East students so that help can be provided and special attention can be given.

Scholarships are offered by staff and alumni over and beyond to include students from weaker economic sections. This ensures that no student suffers due to lack of finances.



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

The college organizes an Induction Program for the Staff and Students at the beginning of the Academic Year. The Induction Program caters to introducing the staff and students to their rights and responsibilities. Ethical practices and responsible behaviors expected from the staff and students are conveyed in the induction.

The Syllabi of the Masters Courses included Credits for 'Human Rights' and 'Constitution'. The Under-Graduate Syllabi included Democracy and Environmental Science as credit courses to familiarize the students with these concepts.

Constitution Day, National Voters Day, Fundamental Duties Day are some days of significance that are commemorated every year by the college.

The Preamble, Pledge and certain sections of the Constitution are displayed in classrooms, departments and around the campus.

In keeping with the Constitutional Responsibility of preserving and caring for the Environment, college organizes activities with themes surrounding Environmental concerns. Trekking Club, Cycling Club, Nature Trials enthusiastically organize activities for the students.

All mandatory committees like Internal Complaints Cell, Anti Ragging cell, Anti Sexual Harassment Cell are active and functioning. There is also a committee appointed to plan and execute activities to familiarize and implement code of conduct and ethical behavior.

File Description	Documents
Details of activities that inculcate values; necessary to render students in to responsible citizens	<a href="https://www.moderncollegegk.org/NAAC_DATA/7-1-9-%20Annual%20Report.pdf">https://www.moderncollegegk.org/NAAC_DATA/7-1-9-%20Annual%20Report.pdf</a>
Any other relevant information	<a href="https://www.moderncollegegk.org/NAAC_DATA/7-1-9-%20Annual%20Report.pdf">https://www.moderncollegegk.org/NAAC_DATA/7-1-9-%20Annual%20Report.pdf</a>

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

A. All of the above

File Description	Documents
Code of ethics policy document	<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

National festivals create an environment in which students come together with similar sentiments portraying national unity and humanism.

In a given academic year the college commemorates as many days of significance as possible. The range of activities to commemorate the day is diverse

Birth and Death Anniversaries of prominent figures are commemorated with earnestness and enthusiasm. The members of the Library,

Department of History, Sociology, Political Science collaborate to organize lectures by Historians or experts of the field so that staff and students can be enlightened.

Another outcome of marking days of National and International importance is the awareness that is created by the commemoration of those days. With a view of raising awareness among students and staff members commemorate different days like World Suicide Prevention Day, World Mental Health Day, World Wetland Day and so on.

Banking Day is celebrated by the Commerce Faculty with interesting themes each year and invitation to reputed Bankers to address the students.

National days like Independence Day and Republic Day are marked by mandatory hoisting of the flag.

Dr. BR Ambedkar Jayanti is celebrated every year on 14th April during which prominent speakers address the staff members of various aspects of the life of Dr. Ambedkar.

Shivaji Jayanti is celebrated on 19th February by a felicitation of the bust of Shivaji Maharaj followed by lecture on the life and principles of the great ruler.

Gandhi Jayanti is an occasion that is commemorated by the college by organising a talk for the staff members as an opportunity of getting to know the principles of our great leader.

Faculty of the college are usually resource persons for these events since they have the necessary skills and knowledge to deliver lectures on the occasions.

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	No File Uploaded

## 7.2 - Best Practices

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

### Best practice 1: Capacity Building

Goal: The main motive of this intercollegiate competition is to enhance the capacity of the students, to upgrade the trending knowledge in the field of IT sector by conducting various activities in this competition for the students across India. Various competitions that are run under this event include Coding Competition, Quiz Competition Treasure Hunt, Seminar Competition, Group Discussion, Grab the Opportunity, Assemble it, 1 Minute Clip, Project Competition, Poster Competition.

#### 1. Interaction

The College organizes intercollegiate competitions for undergraduate and post graduate students named INTERACTION every year. This is a consistent activity run by the College for the past 18years.

In last 5 years we have received more than 2000 participations which shows the popularity of this event not only among the Savitribai Phule Pune University but other renowned universities across India. Last year due to pandemic situation this event was organized through online mode in which we received participation from one of the International Universities also. The winning participants were rewarded with electronic equipment's. Champions Trophy is awarded to the college who have won maximum prizes in all competitions.

The event focusses on achieving the following objectives:

- Development and enhancement of skills of students.
- Personality development.
- To promote the students for placement/recruitment through the involvement of IT Industries/Companies.
- Exposure and an opportunity to interact with IT Experts for their career advancement.
- To give an opportunity to outside students (Other college/state) along with in house students for participation in this event.

#### 2. Cost Fest

The Commerce faculty gives students hands-on experience by offering internships in banks and chartered accountant agencies, forming Future Banking Forum and organizing competitions like Cost Fest aiming at developing entrepreneurial skills which involve banking, accounting, costing and management. It also conducts a variety of research oriented activities.

### 3. Inculcating research

Post graduate section of Commerce faculty publishes a research oriented magazine C-Intellect every year. Research methodology workshops are organized every year for post graduate students which give them an opportunity to interact with eminent research scholars.

### 4. Entrepreneurship Development

The college runs an entrepreneurship development cell to instill entrepreneurship competencies amongst students. Udyogini is a platform where women entrepreneurs share their journey with students. Udyogwarta is an activity to make students aware about various business opportunities.

### 5. Value Inculcating

The two days annual Tribal Handicraft Fair is organized by the Department of Sociology in association with the NGO working in the area of tribal development which is an example of our social commitment.

### 6. Soft skill

Soft skill activities were organized through Industrial partnership Mahindra Pride Classroom, in association with NANDI foundation. Various activities focus to develop Communication skill, Campus to corporate, Stress management, Out-of Box thinking, Team building, leadership qualities, interview techniques etc,

Apart from the necessary educational qualification, employers look out for some skill sets. In order to achieve this goal the College is running in-house training program to train final year students in soft skills so that they can contribute towards generating fair and reasonable employment to the students at large.

MAGNIT is a virtual intercollegiate competition which enhances capacity building of the students through Webometrics (Website designing competition) and Videography (video making competition)

## Evidence of success

These practices have provided the technical platform to students to show case their talent and Opportunity to connect with top employers in the industry whereby through competitions students can gain better understanding of how to deal with conflicting opinions and ideas. These practices have helped to foster the entrepreneurial skills among students and most of them can venture into creating their own small scale setups. Through research projects the students get a good exposure in reputed National and International Institutes. All these activities definitely help for capacity building of the students in a holistic way.

### Best Practice 2: Environmental Awareness

Goal: To take initiative in creating Environmental awareness about importance of conservation and preservation of environment among students, staff, all stake holders of the college and community by setting our own example.

The institution has its own Green Policy Document for inculcating environmental awareness among all the stakeholders, conscious use of energy and water resources and making the campus litter free. Use of renewable energy, tree plantation drives, cleanliness drives, forest trails, heritage walks, trekking, waste management help to contribute towards environment sustainability. Awareness is spread through guest lectures, conferences, workshops, poster presentations, rallies etc.

Sustainable development is closely related to environmental awareness. The way of proper utilization and preservation of environmental resources can lead to enhanced sustainable development. In this regard, the development of environmental sustainability values among the students and stake holders can play a vital role to protect the world environment and its resources which ultimately leads to sustainable development. Therefore, we should inculcate the various kinds of environmental values among students for protecting our environment and its valuable resources to enhance the sustainable development.

The Practice: Various awareness drives, brainstorming sessions, eco-trail, heritage walk, Plastic collection and cleanliness drive, Poster competition, environment awareness rally, photo exhibition, conferences, seminar and workshops, plantation drive, vruksh dindi, trekking were organized for citizen, stakeholders and students.

### 1. Solar - wind hybrid power generation plant

The Institution has installed a solar-wind hybrid power generation plant which is upgraded to produce 28 KW energy. This energy is being utilized for tube lights and fans in classrooms, corridors, audio-visual hall, Principal's cabin and administrative office. The institution shares the unused electrical energy to the MSDCL grid. Use of LED bulbs and tubes also reduces the usage of conventional energy. Solar street lights are installed in the parking space and walkways. Energy audit is done to keep a track on the consumption and improvise usage. No Vehicle Day is observed on the first day of every month. Students and staff members are encouraged to share/pool motorcycles and cars or use the public transport for saving fuel. Bicycles and electric bikes are exempted from parking charges.

### 2. Tree plantation drive

The college initiated a tree plantation drive at the Progressive Education Society's Modern College of Agriculture Biotechnology, Kule-Dakhane campus over fifty acres of land near Pune. Every year about 100 saplings are planted and maintained by our staff members and students. The GPS locations of planted trees are recorded.

Students have recorded the tree growth parameters of first three years for 334 native trees planted in collaboration with the NGO 'Sevapratishthan' in Panchavati, situated near the college campus. It is a unique urban forest project where the natural ecosystem is being established by rejuvenating biodiversity over the past four years. This model project is being adopted by the Pune Municipal Corporation to be introduced in other parts of the city.

### 3. Rainwater harvesting

Rain water harvesting, watering the plants through drip irrigation, leakage free pipelines and faucets, e-toilets etc. ensure controlled usage of water.

The Institution strives to make the campus a zero waste zone. 'Reduce, Recover, Recycle and Reuse' is the policy for waste management. The institution observes NO PLASTIC policy for all stakeholders. The biodegradable and non-biodegradable waste is collected separately in colour code garbage bins.

### 4. Energy audit

The college conducts energy and environmental audit every year. The

college has optimized on the usage of Energy Efficient LED Fittings, Usage of Energy Efficient BEE STAR Rated equipment and Installation of 21 kW Hybrid Roof Top Solar PV/Wind Power Plant. All this has led to minimization of the carbon footprint.

#### 5. Waste water management

Waste water from Chemistry, Zoology, and Microbiology and Biotechnology laboratories is treated in the effluent water treatment plant and is made safe to use for watering the plants on campus. Organic solvents are recovered by using rotary evaporators and reused.

#### 6. Baction composting Unit

A Baction Composting Unit is installed to create manure from kitchen waste of the canteen. Dry solid waste management is done in the proper way. Paper and glass waste is given for recycling. MoU with Common Biomedical Waste Treatment Facility Centre- POSCO Environmental Solutions Pvt. Ltd. is actively being utilized for hazardous bio-waste management and MoU with Kuldeep E Scraps (authorized by MPCB) is in function for disposal of e-waste.

#### 7. Cleanliness drives

The students and staff of NSS, Modern Trekking Club and Modern Bicycle Club, regularly work for cleanliness drives. NSS volunteers collect 'Nirmalya' in Navratri festival at Chaturshringi Temple near the college and convert it into organic manure. This activity is being conducted for the last ten years.

#### 8. e-waste management

The administrative office is digitized to reduce usage of paper. All these efforts have contributed towards minimizing the usage of electricity, focussing on paperless work, initiating and maintaining a green campus, fulfilling the social commitment and creating environmental awareness among all stakeholders.

E-waste is generated from worn out computers, other hardware, mobiles, electric appliances etc. It consists of hazardous materials such as lead, zinc, lithium batteries, tin etc. Improper disposal of these products is dangerous for living beings. Hence MOU is done with MPCB authorized e-scrap centre. The e-waste and plastic waste is collected and given to this agency for proper disposal.



**Evidence of Success:** These sincere efforts are acknowledged by various State and National apex bodies. The College has been conferred the state level first prize for conservation of energy by MEDA, Government of Maharashtra (2017) and received the "CHATRAPATI SHIVAJI MAHARAJ VANASHREE Puraskar (2017)" by Forest Department, Government of Maharashtra, "Green College, Clean College Trophy (2019)" by Kirloskar Vasundhara foundation. College is also receiving a grant of Rs. 5000 since 2018, under NGC (National Green Corps) program initiated by MoEF, Govt. of India to sensitize students about the environment.

File Description	Documents
Best practices in the Institutional website	<a href="https://www.moderncollegegk.org/naac_criteria_VII.php">https://www.moderncollegegk.org/naac_criteria_VII.php</a>
Any other relevant information	<a href="https://www.moderncollegegk.org/naac_criteria_VII.php">https://www.moderncollegegk.org/naac_criteria_VII.php</a>

### 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

#### Promoting Science and Fundamental research

##### 1. DBT builder scheme

Modern College was selected for Star College Scheme of the Department of Biotechnology (DBT), Government of India, in 2011. This resulted in an unprecedented growth in laboratory infrastructure developments, with procurement of large number of small equipment besides some high-end equipment, the laboratories were restructured and renovated, and were fixed with lab-safety measures. Overall, more than 1500 under-graduate and 700 post-graduate students have undertaken independent research projects so far in the last 5 years. The outcomes of many of these projects are published in peer-reviewed, indexed journals. Consequently, the college was awarded coveted 'Star Status' in 2017-18 with a sanction of Rs. 2.82 Crores. Notably, in awe of the recognition of our efforts toward inculcating research-based learning process, the college has been covered under highly prestigious DBT BUILDER program with a grant of Rs. 2.5 Crores. Under this program, the project ideas evolved during and under DBT Star scheme were taken up and gave rise to theme based long-term research projects with cross

cutting appeal and inter-disciplinary nature including antimicrobial resistance in the environment and combating it with green nanomaterial, plant-environment interaction and stress responses and regulation at transcriptional and post-transcriptional levels and fish disease diagnostics and conservation with a focus on Western Ghats region.

## 2. Lab to land

Science faculty organizes the annual science exhibition Anubhuti for the last twenty years. It is an excellent opportunity for students to showcase their talent, innovation and experimental skills. Students participate in skill based programmes like Physicochemical and microbial analysis of soil, Analytical techniques in Chemistry, Biochemical Separation Techniques: Basic to Advance Workshop on nanotechnology, Mathematics magazine Prameya and Embedded Robotics to name a few. 'Conserve Mother Earth' program is an outreach activity organized for the last four years by the Department of Zoology in which teachers, students and children from rural and urban schools actively participate. The Department of Zoology organised an awareness program named Human- Gaur project in collaboration with Ministry of forests, Government of Maharashtra where students got an opportunity to take training from the Forest Guards and officers and participate in the survey of Gaur, which is a threatened animal. The activities which have definitely added new dimensions to the experiential learning include UG and PG internships, research projects, organizing workshops and conferences, participation in 'Kisan Agri Expo', Tree plantation drives, 'Creative Food Contest', Astro Club, MAGNIT and our alumni hosted annual activity 'Vividha'.

## 3. Vedic Maths

Department of Mathematics organizes certificate course in "Vedic Maths" every year. The main objective of this course is to solve the Mathematical problems quickly and accurately. Vedic Mathematics is a powerful technique of fast and accurate calculations based on simple rules and principles. Problems in Algebra, Geometry, Trigonometry, Arithmetic and quantitative aptitude can be solved. Last year the course was conducted online using Microsoft Teams due to Covid-19 pandemic situation. Students were benefited to qualify various competitive examinations. Students can do fast computations.

4. Environmental projects- The students of S.Y. of all faculties undertake a compulsory course Environmental awareness and carry out

field projects and visit Bird sanctuary, National Park, wildlife parks, biodiversity hotspots and Sewage or Effluent treatment plants. Through this the knowledge that is imparted to them in the classroom is confirmed through practical visits.

## 5. Astrophysics

The Department of Physics launched Astrophiles an Astro-club on 1st August, 2020. An official website of Astrophiles which contains information related to basic Astronomy written by our students. <https://sites.google.com/moderncollegegk.org/astrophiles/> was published.

Under this club various activities like Quiz, lecture series and webinars were conducted. A certificate course in Basic Astronomy for students and teachers was conducted and 125 participants attended this course. The main attraction of this course was hands on training on Telescope Making. To go ahead with this activity the department has offered Astronomy and Astrophysics as an optional subject for T.Y.B.Sc. (Physics and B.Sc. Blended) course.

6. Contribution towards social and community development: The Postgraduate students of Social sciences carry out their dissertation projects related to cross cutting issues of the society like gender sensitization, carrying out Covid surveys. Department of History organized Kaun banega History scholar? An online quiz competition to create awareness and spread knowledge about the historical events, figures etc. The Department also organized Certificate course in Modi script, which holds relevance in interpreting historical facts, figures and documents. The Department of Economics also gives dissertation projects to the students in burning issues related to the economic situation globally. They also organized a webinar on occasion of World Blind Day titled My family, my responsibility with a motive to cultivate social commitment.

Department of English conducts certificate courses in Spoken English and French language to introduce basic grammatical concepts and open different job opportunities. Quest: a curiosity and creativity forum is held every year. Aurora, the annual e-magazine is published to promote the art of writing, develop a passion for reading and take curious interest into the world of literature.

In order to create a strong sense of commitment towards community psychological issues and awareness the Department of Psychology organizes programs like Disha, Khoj and Kaleidoscope. The undergraduate students participate in Khoj a research program to

train and encourage them to actively participate in research dealing with various psychological issues. Koshish is an internship program for various Undergraduate and Postgraduate students.

Department of Commerce conducts various activities focused towards community development and in the sectors of banking and community development under the aegis of Bank Mitra. Postgraduate students also carry out research projects. There is an entrepreneurship development cell which instill entrepreneurial competencies among students.

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

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

1. Organising awareness session on Academic and Administrative Audit by a professional external agency in the beginning of academic year
2. Efforts towards understanding attainment of outcomes
3. Preparation towards proposed Academic Autonomy. Experience sharing by peers.
4. Organising Criterion wise presentations as a step towards preparing for NAAC re-accreditation
5. An effort to collaborate initiatives of Industry-Academia and Alumni for development of students.