



## Yearly Status Report - 2019-2020

### Part A

#### Data of the Institution

|                                               |                                                                                                     |
|-----------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>1. Name of the Institution</b>             | PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE, SHIVAJINAGAR, PUNE    |
| Name of the head of the Institution           | Dr. Rajendra Shankar Zunjarrao                                                                      |
| Designation                                   | Principal                                                                                           |
| Does the Institution function from own campus | Yes                                                                                                 |
| Phone no/Alternate Phone no.                  | 02025535102                                                                                         |
| Mobile no.                                    | 9922007302                                                                                          |
| Registered Email                              | principal@moderncollegepune.edu.in                                                                  |
| Alternate Email                               | rsz.modern@gmail.com                                                                                |
| Address                                       | Modern College of Arts, Science and Commerce (Autonomous), Off J.M. Road, Shivajinagar, Pune 411005 |
| City/Town                                     | Pune                                                                                                |
| State/UT                                      | Maharashtra                                                                                         |

| Pincode                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 411005                                                                                                                                                                                                                      |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------|-------------|-------------|-------|-------|------|----------------------|----------|--|-------------|-----------|---|---|------|------|-------------|-------------|---|----|------|------|-------------|-------------|
| <b>2. Institutional Status</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                             |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Autonomous Status (Provide date of Conformant of Autonomous Status)                                                                                                                                                                                                                                                                                                                                                                                                                                | 29-Apr-2019                                                                                                                                                                                                                 |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Type of Institution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Co-education                                                                                                                                                                                                                |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Urban                                                                                                                                                                                                                       |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Financial Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | state                                                                                                                                                                                                                       |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Name of the IQAC co-ordinator/Director                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Dr. Anjali Shailesh Sardesai                                                                                                                                                                                                |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Phone no/Alternate Phone no.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 02025535927                                                                                                                                                                                                                 |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Mobile no.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9325382444                                                                                                                                                                                                                  |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Registered Email                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | iqac@moderncollegepune.edu.in                                                                                                                                                                                               |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Alternate Email                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | hodanimation@moderncollegepune.edu.in                                                                                                                                                                                       |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| <b>3. Website Address</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                             |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| Web-link of the AQAR: (Previous Academic Year)                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <a href="http://moderncollegepune.edu.in/internal-quality-assurance-cell-iqac/annual-quality-assurance-reports/">http://moderncollegepune.edu.in/internal-quality-assurance-cell-iqac/annual-quality-assurance-reports/</a> |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| <b>4. Whether Academic Calendar prepared during the year</b>                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                                                                                                                                         |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| if yes,whether it is uploaded in the institutional website:<br>Weblink :                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="http://moderncollegepune.edu.in/autonomy/academic-calender/">http://moderncollegepune.edu.in/autonomy/academic-calender/</a>                                                                                       |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| <b>5. Accrediation Details</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                             |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| <table border="1"> <thead> <tr> <th rowspan="2">Cycle</th> <th rowspan="2">Grade</th> <th rowspan="2">CGPA</th> <th rowspan="2">Year of Accrediation</th> <th colspan="2">Validity</th> </tr> <tr> <th>Period From</th> <th>Period To</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>A</td> <td>3.15</td> <td>2010</td> <td>28-Mar-2010</td> <td>27-Mar-2015</td> </tr> <tr> <td>3</td> <td>A+</td> <td>3.51</td> <td>2017</td> <td>23-Jan-2017</td> <td>31-Dec-2024</td> </tr> </tbody> </table> |                                                                                                                                                                                                                             |      |                      |             |             | Cycle | Grade | CGPA | Year of Accrediation | Validity |  | Period From | Period To | 2 | A | 3.15 | 2010 | 28-Mar-2010 | 27-Mar-2015 | 3 | A+ | 3.51 | 2017 | 23-Jan-2017 | 31-Dec-2024 |
| Cycle                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Grade                                                                                                                                                                                                                       | CGPA | Year of Accrediation | Validity    |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                             |      |                      | Period From | Period To   |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A                                                                                                                                                                                                                           | 3.15 | 2010                 | 28-Mar-2010 | 27-Mar-2015 |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | A+                                                                                                                                                                                                                          | 3.51 | 2017                 | 23-Jan-2017 | 31-Dec-2024 |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| <b>6. Date of Establishment of IQAC</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11-Feb-2004                                                                                                                                                                                                                 |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |
| <b>7. Internal Quality Assurance System</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                             |      |                      |             |             |       |       |      |                      |          |  |             |           |   |   |      |      |             |             |   |    |      |      |             |             |

Quality initiatives by IQAC during the year for promoting quality culture

| Item /Title of the quality initiative by IQAC | Date & Duration  | Number of participants/ beneficiaries |
|-----------------------------------------------|------------------|---------------------------------------|
| STATE LEVEL SEMINAR on                        | 19-Dec-2019<br>2 | 188                                   |
| State level seminar on e-content Development  | 17-Jan-2020<br>2 | 175                                   |
| <a href="#">View File</a>                     |                  |                                       |

**8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.**

| Institution/Department/ Faculty | Scheme    | Funding Agency | Year of award with duration | Amount   |
|---------------------------------|-----------|----------------|-----------------------------|----------|
| UGC                             | Paramarsh | UGC            | 2019<br>730                 | 300000   |
| UGC                             | NSQF BVoc | UGC            | 2019<br>365                 | 12000000 |
| DST                             | DST FIST  | DST            | 2019<br>1825                | 12740000 |
| No Files Uploaded !!!           |           |                |                             |          |

**9. Whether composition of IQAC as per latest NAAC guidelines:**

Yes

Upload latest notification of formation of IQAC

[View File](#)

**10. Number of IQAC meetings held during the year :**

3

The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website

Yes

Upload the minutes of meeting and action taken report

[View File](#)

**11. Whether IQAC received funding from any of the funding agency to support its activities during the year?**

No

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

1. Organization of Seminar / Conferences 2. Starting of new courses 3. Implementation of Autonomy 4. Innovations in Teaching Learning Process and Conduction of cocurricular and extra curricular activities 5. Infrastructure Developments and other quality initiatives

[View File](#)

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

| Plan of Action                                                                                                            | Achievements/Outcomes                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Curricular Aspects: Suggestions for addition of new courses to keep pace with the changing needs of academia and industry | Following courses were started in ac yr 201920 • M.Sc. (Computer Application) • M.A. (Hindi) • M.A. (History)                                                                                                                                                                                                                                                                                     |
| Enhancing Quality of Teaching and Learning                                                                                | • Implementation of Teachers Diary that contains detailed information regarding the teaching plan, execution, and recording of the day wise activities of the teacher. • Conduction of Departmental Academic and Administrative Audit. • Teachers training for use and implementation of Learning Management System. • Teachers training to conduct online examinations and question paper making |
| Motivating the research culture                                                                                           | Organization IPR workshops in the college for staff and students. Implementation of Yuva Sanshodhak Scheme for the student research projects. The students were given scholarship to implement the scheme. Formation of IPR and Consultancy committee                                                                                                                                             |
| Admission Process                                                                                                         | Implementation of Online Admission process for all courses Online Payment option planning was done.                                                                                                                                                                                                                                                                                               |
| Enhancing results                                                                                                         | Remedial Coaching classes were conducted for S.Y. students to improve the backlog results Brainstorming meetings of teachers teaching F.Y.B.A., B.Com. and B.Sc. were organized and preparation strategies were drawn for enhancing the results.                                                                                                                                                  |
| Digitization of office records                                                                                            | New ERP is implemented in the college. All the records are maintained through the ERP through runtime report generation. IQAC has started working on digitization of office records of office since its inception. Online Admission system is implemented for all the courses.                                                                                                                    |
| Sports Initiatives (Implementation of Tri-sutri formula : freedom, budget and expert coaching)                            | The college received Best College Award, Sports by SPPU in the academic year 2019-20 for the consecutive for Fourth year. Physical examination was conducted in online manner and the                                                                                                                                                                                                             |

|                                           |                                                                                                                                                                                                                                                                |
|-------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                           | result was auto entered in the ERP system                                                                                                                                                                                                                      |
| More ICT facilities in classes            | ICT enabled classrooms and laboratories are 53. Webinars were organized and conducted in the college. Strengthening of Modern Media Station and e-content development cell                                                                                     |
| Enhancing Value based education programme | Yoga and Medication Classes were conducted by Value Based Committee for the neighbourhood community Value based education programmes/activities are organized by NSS / NCC unit. Organization of various programs on value education by value based Committee* |
| To enhance extension activities           | Rice Plantation move Successful implementation of ISR activities                                                                                                                                                                                               |
| <a href="#">View File</a>                 |                                                                                                                                                                                                                                                                |

|                                                            |     |
|------------------------------------------------------------|-----|
| <b>14. Whether AQAR was placed before statutory body ?</b> | Yes |
|------------------------------------------------------------|-----|

| Name of Statutory Body        | Meeting Date |
|-------------------------------|--------------|
| College Development Committee | 17-Sep-2020  |

|                                                                                                                        |    |
|------------------------------------------------------------------------------------------------------------------------|----|
| <b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b> | No |
|------------------------------------------------------------------------------------------------------------------------|----|

|                                                           |     |
|-----------------------------------------------------------|-----|
| <b>16. Whether institutional data submitted to AISHE:</b> | Yes |
|-----------------------------------------------------------|-----|

|                    |      |
|--------------------|------|
| Year of Submission | 2020 |
|--------------------|------|

|                    |             |
|--------------------|-------------|
| Date of Submission | 29-Jan-2020 |
|--------------------|-------------|

|                                                                      |     |
|----------------------------------------------------------------------|-----|
| <b>17. Does the Institution have Management Information System ?</b> | Yes |
|----------------------------------------------------------------------|-----|

|                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| If yes, give a brief description and a list of modules currently operational (maximum 500 words) | <p>The college uses four MIS. 1. Vriddhi:</p> <ul style="list-style-type: none"> <li>• It has online module consisting of online admission system and offline module includes entire system the college needs to run education establishment.</li> </ul> <p>2. Mograsis: From academic year 201920, under autonomy, the ERP system was changed to new ERP named Mograsis, to run the autonomous courses, to start with First Year of UG and First Year of PG classes.</p> <ul style="list-style-type: none"> <li>• Modules in Mograsis: <ul style="list-style-type: none"> <li>o Administration</li> </ul> </li> </ul> |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

management : The first step to make defaults setting of other modules like student management system, library management system, MIS System, Examination management system, Reports, etc. Administration software manager looks into credentials management of every student teachers and staff also assign appropriate rights and permission according to their designation and roles in organization.

- o Admission management :. It creates unique ID for every student admitted in college, with every new entry. All the essential College ERP Software Reports and information like photograph, parent information, permanent address, emergency contact is collected into the college admission system. Online admission system is part of admission management
- o Students management : It is capable of handling Student attendance records, student background data, student assessment scores and many other students' related data required in a school or college. A unique photo ID card, result sheet, various reports are also generated.
- o Fees management : School fee collection software provides clerk good interface to manage fee collection and generate receipts. Data entry done here is reflected in student database management system and helps to generate statistics report of pending fees and fees collected.
- o Examination management : Is useful for both Students and Faculty as well. They can use it based on accessibility they are provided with. Users at various levels are provided the rights and privileges to perform different set of operations.
- o Management Information System : MIS dashboard shows Fee category wise student data, current Transaction data entry details, current admission status for all class, cast category wise statistical report, admission fee summary report, etc.
- o Leave Management
- o Human Resource Management:
- o Stock Taking : This module contains the central database of all the available stock in college and management of the department wise stock. The recurring items and capital items are maintained separately in the system
- o Learning Management System integration : Learning Management System named Moodle

is included in the ERP under single sign-in with the provision of all the facilities. 3. AutoLib : Library Management System, has Master, Acquisition, Circulation, Periodicals, OPAC, Web OPAC Modules. Under Circulation one can do Issue and Return, generate Issue and Return History, Individual Member History, Book Pending Report, Fine details (not used in our college) etc. Through the Book Entry Option New Accessioned Books in the Library are Entered in the Software. 4. Tally ERP : ERP 9 Software offers auto bank reconciliation that will help you save time and avoid errors you can get instant reports on business outstanding, stock ageing analysis, cost estimates, profitability analysis and other critical overviews.

## Part B

### CRITERION I – CURRICULAR ASPECTS

#### 1.1 – Curriculum Design and Development

1.1.1 – Programmes for which syllabus revision was carried out during the Academic year

| Name of Programme         | Programme Code | Programme Specialization | Date of Revision |
|---------------------------|----------------|--------------------------|------------------|
| BA                        | 19Ar           | FY BA                    | 15/06/2019       |
| <a href="#">View File</a> |                |                          |                  |

1.1.2 – Programmes/ courses focussed on employability/ entrepreneurship/ skill development during the Academic year

| Programme with Code | Programme Specialization                 | Date of Introduction | Course with Code | Date of Introduction |
|---------------------|------------------------------------------|----------------------|------------------|----------------------|
| BVoc                | Fashion Technology and Apparel Designing | 15/06/2019           | 19ArFt           | 15/06/2019           |
| MSc                 | Computer Application                     | 01/08/2019           | 19CSCa           | 01/08/2019           |
| No file uploaded.   |                                          |                      |                  |                      |

#### 1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the Academic year

| Programme/Course  | Programme Specialization                 | Dates of Introduction |
|-------------------|------------------------------------------|-----------------------|
| MSc               | Computer Application                     | 01/08/2019            |
| MA                | History                                  | 01/08/2019            |
| MA                | Hindi                                    | 01/08/2019            |
| BVoc              | Fashion Technology and Apparel Designing | 15/06/2019            |
| No file uploaded. |                                          |                       |

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective Course System implemented at the College level during the Academic year.

| Name of programmes adopting CBCS | Programme Specialization        | Date of implementation of CBCS/Elective Course System |
|----------------------------------|---------------------------------|-------------------------------------------------------|
| BA                               | FY BA Arts                      | 15/06/2019                                            |
| BCom                             | FY BCom Commerce                | 15/06/2019                                            |
| BSc                              | FY BSc Science                  | 15/06/2019                                            |
| BSc                              | FY BSc Microbiology             | 15/06/2019                                            |
| BCA                              | FY BCA Science                  | 15/06/2019                                            |
| BBA                              | FY BBA Commerce                 | 15/06/2019                                            |
| BBA                              | FY BBA CA Commerce              | 15/06/2019                                            |
| BBA                              | FY BBA IB Commerce              | 15/06/2019                                            |
| BSc                              | FY BSc Animation                | 15/06/2019                                            |
| BSc                              | FY BSc Biotechnology            | 15/06/2019                                            |
| BSc                              | FY BSc Blended Bioscience       | 15/06/2019                                            |
| BVoc                             | FY BVoc FT & AD                 | 15/06/2019                                            |
| MA                               | MA Marathi Part 1               | 01/08/2019                                            |
| MA                               | MA Hindi Part 1                 | 01/08/2019                                            |
| MA                               | MA History Part 1               | 01/08/2019                                            |
| MA                               | MA English Part 1               | 01/08/2019                                            |
| MA                               | MA Geography Part 1             | 01/08/2019                                            |
| MA                               | MA Political Science Part 1     | 01/08/2019                                            |
| MA                               | MA Psychology Part 1            | 01/08/2019                                            |
| MA                               | MA Economics Part 1             | 01/08/2019                                            |
| MCom                             | Mcom Commerce Part 1            | 01/08/2019                                            |
| MCom                             | MCom e-Commerce Part 1          | 01/08/2019                                            |
| MSc                              | MSc Biotechnology Part 1        | 01/08/2019                                            |
| MSc                              | MSc Computer Application Part 1 | 01/08/2019                                            |
| MSc                              | MSc Computer Science Part 1     | 01/08/2019                                            |
| MSc                              | MSc Mathematics Part 1          | 01/08/2019                                            |
| MSc                              | MSc Chemistry                   | 01/08/2019                                            |
| MSc                              | Msc Botany Part 1               | 01/08/2019                                            |
| MSc                              | MSc Electronic Science Part 1   | 01/08/2019                                            |
| MSc                              | Msc Physics Part 1              | 01/08/2019                                            |
| MSc                              | MSc Statistics Part 1           | 01/08/2019                                            |
| MSc                              | MSc Zoology Part 1              | 01/08/2019                                            |



|     |                         |            |
|-----|-------------------------|------------|
| MSc | MSc Microbiology Part 1 | 01/08/2019 |
|-----|-------------------------|------------|

### 1.3 – Curriculum Enrichment

#### 1.3.1 – Value-added courses imparting transferable and life skills offered during the year

| Value Added Courses                         | Date of Introduction | Number of Students Enrolled |
|---------------------------------------------|----------------------|-----------------------------|
| Excel Training by Knowledge Solutions India | 31/01/2020           | 29                          |
| <a href="#">View File</a>                   |                      |                             |

#### 1.3.2 – Field Projects / Internships under taken during the year

| Project/Programme Title   | Programme Specialization | No. of students enrolled for Field Projects / Internships |
|---------------------------|--------------------------|-----------------------------------------------------------|
| MSc                       | M.Sc. Computer Science   | 61                                                        |
| <a href="#">View File</a> |                          |                                                           |

### 1.4 – Feedback System

#### 1.4.1 – Whether structured feedback received from all the stakeholders.

|           |     |
|-----------|-----|
| Students  | Yes |
| Teachers  | Yes |
| Employers | Yes |
| Alumni    | Yes |
| Parents   | Yes |

#### 1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

| Feedback Obtained                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>FEEDBACK: ACADEMIC YEAR 2019-20</b> Structured Feedback is taken by the College from the stakeholders and the feedback is analysed by members of IQAC. The forms for taking feedback have been hosted on the website of the college. The Links are as follows: 1) From Students: About College: <a href="http://moderncollegepune.edu.in/feedback-forms/feedback-from-students-about-college/">http://moderncollegepune.edu.in/feedback-forms/feedback-from-students-about-college/</a> 2) From Students: About Teaching and Curriculum: <a href="http://moderncollegepune.edu.in/feedback-from-students-about-teaching/">http://moderncollegepune.edu.in/feedback-from-students-about-teaching/</a> 3) From Students: About Teacher:<a href="http://moderncollegepune.edu.in/feedback-about-teacher/">http://moderncollegepune.edu.in/feedback-about-teacher/</a> 4) From Teachers:<a href="http://moderncollegepune.edu.in/feedback-from-teachers/">http://moderncollegepune.edu.in/feedback-from-teachers/</a> 5) From Parents:<a href="http://moderncollegepune.edu.in/feedback-from-parents/">http://moderncollegepune.edu.in/feedback-from-parents/</a> 6) From Alumni:<a href="http://moderncollegepune.edu.in/feedback-from-alumni/">http://moderncollegepune.edu.in/feedback-from-alumni/</a> 7) From Employer:<a href="http://moderncollegepune.edu.in/feedback-from-employer/">http://moderncollegepune.edu.in/feedback-from-employer/</a> Also, online feedback is taken from students of Post Graduate Classes regarding the Curriculum of Additional Courses of Cyber Security, Human Rights and Skill Development. The links for the forms are:<br/> <a href="http://moderncollegepune.edu.in/feedback-on-course-on-human-rights/">http://moderncollegepune.edu.in/feedback-on-course-on-human-rights/</a><br/> <a href="http://moderncollegepune.edu.in/feedback-on-cyber-security-course/">http://moderncollegepune.edu.in/feedback-on-cyber-security-course/</a><br/> <a href="http://moderncollegepune.edu.in/feedback-on-skill-dev-course/">http://moderncollegepune.edu.in/feedback-on-skill-dev-course/</a> Each feedback form has been designed using a five-point scale. In case of attributes, the rating is based on 'Excellent', 'Very Good', 'Good', 'Average' and 'Poor'. In case of statements, the level of agreement with the statement is considered based on 'Strongly Agree', 'Agree', 'Neither Agree nor Disagree', 'Disagree' and 'Strongly Disagree'. The feedback is taken in the online form. The values received in the feedback are based on the five point scale which are converted to bring to same platform and overall rating for the feedback is calculated. The report is submitted to IQAC which is further analyzed and the action taken</p> |

report is generated by IQAC which is submitted to CDC for the further actoin plan to be finalized. The teachers feedback is analyzed and is communicated as a Confidential report to IQAC and College Management. This CR becomes one of the part of the yearly confidential report of the teacher. The report is communicated to respective HOD to take necessady action based on the overall rating of the teacher The feedback contains one column named Remark. The remarks of all the stake holders are collected, compiled and a report is generated by the Feedback committee which is submitted to IQAC. IQAC recommends this to CDC after final analysis The actions are taken based on the approvals by CDC.

## CRITERION II – TEACHING- LEARNING AND EVALUATION

### 2.1 – Student Enrolment and Profile

#### 2.1.1 – Demand Ratio during the year

| Name of the Programme | Programme Specialization | Number of seats available | Number of Application received | Students Enrolled |
|-----------------------|--------------------------|---------------------------|--------------------------------|-------------------|
| BBA                   | BBA Commerce             | 264                       | 700                            | 249               |
| BSc                   | Animation                | 30                        | 345                            | 31                |

[View File](#)

### 2.2 – Catering to Student Diversity

#### 2.2.1 – Student - Full time teacher ratio (current year data)

| Year | Number of students enrolled in the institution (UG) | Number of students enrolled in the institution (PG) | Number of fulltime teachers available in the institution teaching only UG courses | Number of fulltime teachers available in the institution teaching only PG courses | Number of teachers teaching both UG and PG courses |
|------|-----------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|
| 2019 | 7279                                                | 1435                                                | 52                                                                                | 68                                                                                | 29                                                 |

### 2.3 – Teaching - Learning Process

#### 2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

| Number of Teachers on Roll | Number of teachers using ICT (LMS, e-Resources) | ICT Tools and resources available | Number of ICT enabled Classrooms | Numberof smart classrooms | E-resources and techniques used |
|----------------------------|-------------------------------------------------|-----------------------------------|----------------------------------|---------------------------|---------------------------------|
| 224                        | 220                                             | 100                               | 89                               | 3                         | 10                              |

[View File of ICT Tools and resources](#)

[View File of E-resources and techniques used](#)

#### 2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

Modern College of Art, Science and Commerce (Autonomous), Shivajinagar, Pune 5 has always maintained that the welfare of students has been its topmost priority and this aspect came to the fore during the Covid 19 pandemic. Since becoming autonomous, the college has constituted Mentor-Mentee committees at the Undergraduate and Postgraduate level to ensure regular and consistent mentoring for the students. Teachers teaching every class are alphabetically sorted and the total number of students is divided by the number of teachers teaching that particular class. This is done for every division, class and course. Committee lists are regularly prepared and displayed. Every mentor is issued special report cards, printed for recording student information. The cards are divided into 3 sections. Section A has the basic information of the student like name, address, phone number, e-mail, class, division, subjects opted for, practical batches and for students staying in hostels, the contact details of the rector. Section B has medical history viz. blood group, allergies, surgery information and details about the family physician. Section C has academic information including previous

examination records. Section D has month-wise attendance records for both terms. Section E has details of Co-curricular and Extra-curricular activities that the student is involved in. Apart from these cards, there is a system employed to collect feedback from the students and their parents/guardians about the curriculum and the teachers. The mentors are also entrusted with the responsibility for counseling the students on academic issues and career choices. While there is psychological counseling available on the college premises, the mentors are also encouraged to interact with students and counsel them. This also facilitates the identification of students who may require help or aid in any form. The current crisis created by the pandemic, emphasized the role of teacher-mentors in various ways. From the admission process, choice of subjects, payment of fees, conduction of classes, assignment submissions to examinations all the students were constantly in touch with their allocated mentors, office staff, exam section and other teachers. Class-wise and division-wise WhatsApp groups of students and teachers were created for the easy facilitation of communication. All notices and instructions were circulated on these groups and students' doubts were resolved almost immediately. Queries regarding examinations, results and various other grievances were also tackled through this system and students and guardians seem satisfied with it. Many students faced anxiety and stress with the uncertain situation, especially foreign students who are still in India as well as those who have returned to their respective countries. It is heartening to note that despite time-differences and technological challenges, most of these students managed to attend online classes regularly, participate in all the class activities, submit their assignments on time and attempt their examinations. All glitches were efficiently dealt with by the exam section, respective teachers and a special mention must be made of the untiring efforts of all the teachers who personally attended to the grievances of students at all hours of the day and night.

| Number of students enrolled in the institution | Number of fulltime teachers | Mentor : Mentee Ratio |
|------------------------------------------------|-----------------------------|-----------------------|
| 8714                                           | 224                         | 1:39                  |

## 2.4 – Teacher Profile and Quality

### 2.4.1 – Number of full time teachers appointed during the year

| No. of sanctioned positions | No. of filled positions | Vacant positions | Positions filled during the current year | No. of faculty with Ph.D |
|-----------------------------|-------------------------|------------------|------------------------------------------|--------------------------|
| 224                         | 221                     | 3                | 3                                        | 72                       |

### 2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year )

| Year of Award | Name of full time teachers receiving awards from state level, national level, international level | Designation         | Name of the award, fellowship, received from Government or recognized bodies                                                          |
|---------------|---------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 2019          | Dr. Rupesh D Bansode                                                                              | Associate Professor | 'Outstanding Teacher award' by Centre for educational and social development ,India in collaboration with Innovation society of India |
| 2019          | Dr. Rupesh D Bansode                                                                              | Associate Professor | GEM OF INDIA AWARD' by ALL INDIA ACHIEVERS CONFERENCE, NEW DELHI, in the function of 91st AIAC Excellence Awards 2019 at New Delhi    |
| 2020          | Dr. Rupesh D                                                                                      | Associate           | Best Researcher'                                                                                                                      |

|                   |                      |                     |                                                                                                               |
|-------------------|----------------------|---------------------|---------------------------------------------------------------------------------------------------------------|
|                   | Bansode              | Professor           | by ESN Publication                                                                                            |
| 2019              | Dr. Rupesh D Bansode | Associate Professor | Bharat Ratna Dr. Abdul Kalam Gold Medal Award, By Global Economic Progress Research Association (Gepra)       |
| 2020              | Dr. Rupesh D Bansode | Associate Professor | GMRAF International faculty award, By Global Multidisciplinary Research and Academic Foundation               |
| 2019              | Dr. Rupesh D Bansode | Associate Professor | Outstanding Research scholar award, By Innovation society, India and Indo global event and production, India. |
| No file uploaded. |                      |                     |                                                                                                               |

## 2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

| Programme Name            | Programme Code | Semester/ year | Last date of the last semester-end/ year-end examination | Date of declaration of results of semester-end/ year- end examination |
|---------------------------|----------------|----------------|----------------------------------------------------------|-----------------------------------------------------------------------|
| BA                        | 19Ar           | 1              | 16/03/2020                                               | 17/08/2020                                                            |
| <a href="#">View File</a> |                |                |                                                          |                                                                       |

2.5.2 – Average percentage of Student complaints/grievances about evaluation against total number appeared in the examinations during the year

| Number of complaints or grievances about evaluation | Total number of students appeared in the examination | Percentage |
|-----------------------------------------------------|------------------------------------------------------|------------|
| 4                                                   | 8714                                                 | 0.05       |

## 2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

<http://moderncollegepune.edu.in/autonomy/syllabi/>

2.6.2 – Pass percentage of students

| Programme Code | Programme Name | Programme Specialization | Number of students appeared in the final year examination | Number of students passed in final year examination | Pass Percentage |
|----------------|----------------|--------------------------|-----------------------------------------------------------|-----------------------------------------------------|-----------------|
| 19Co           | BCom           | FY BCom Commerce         | 741                                                       | 696                                                 | 93.93           |

[View File](#)

## 2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

<http://moderncollegepune.edu.in/internal-quality-assurance-cell-igac/ugc-bsr/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Promotion of Research and Facilities

3.1.1 – The institution provides seed money to its teachers for research

|                                        |
|----------------------------------------|
| <b>Yes</b>                             |
| Name of the teacher getting seed money |
| Dr Aarti Goggi                         |
| <a href="#">View File</a>              |

3.1.2 – Teachers awarded National/International fellowship for advanced studies/ research during the year

| Type              | Name of the teacher awarded the fellowship | Name of the award | Date of award | Awarding agency |
|-------------------|--------------------------------------------|-------------------|---------------|-----------------|
| National          | Prof. Apurva Barge                         | PhD Scholarship   | 12/02/2020    | CSIR            |
| No file uploaded. |                                            |                   |               |                 |

### 3.2 – Resource Mobilization for Research

3.2.1 – Research funds sanctioned and received from various agencies, industry and other organisations

| Nature of the Project                                                | Duration | Name of the funding agency                                        | Total grant sanctioned | Amount received during the year |
|----------------------------------------------------------------------|----------|-------------------------------------------------------------------|------------------------|---------------------------------|
| Any Other (Specify)                                                  | 1825     | DST FIST                                                          | 127                    | 86.5                            |
| Students Research Projects (Other than compulsory by the University) | 365      | Modern College of Arts, Science and Commerce Shivajinagar, Pune 5 | 0.5                    | 0.5                             |
| No file uploaded.                                                    |          |                                                                   |                        |                                 |

3.2.2 – Number of ongoing research projects per teacher funded by government and non-government agencies during the years

1

### 3.3 – Innovation Ecosystem

3.3.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

| Title of workshop/seminar                       | Name of the Dept.                                          | Date       |
|-------------------------------------------------|------------------------------------------------------------|------------|
| Webinar on Introduction of IPR ad Patent Filing | Staff Academy and IPR Cell                                 | 30/04/2020 |
| Webinar on Publication Ethics                   | Staff Academy, IPR Cell and Library and Information Centre | 23/04/2020 |
| <a href="#">View File</a>                       |                                                            |            |

### 3.3.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

| Title of the innovation                       | Name of Awardee      | Awarding Agency                                                                                             | Date of award | Category         |
|-----------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------|---------------|------------------|
| Outstanding Research scholar award            | Dr. Rupesh D Bansode | Innovation society, India and Indo global event and production, India.                                      | 18/12/2019    | Research         |
| Bharat Ratna Dr. Abdul Kalam Gold Medal Award | Dr. Rupesh D Bansode | Global Economic Progress Research Association (Gepra)                                                       | 23/11/2020    | Research         |
| Best Researcher                               | Dr. Rupesh D Bansode | ESN Publication                                                                                             | 16/10/2019    | Research         |
| GEM OF INDIA AWARD                            | Dr. Rupesh D Bansode | ALL INDIA ACHIEVERS CONFERENCE, NEW DELHI, in the function of 91st AIAC Excellence Awards 2019 at New Delhi | 23/07/2020    | Excellence Award |
| No file uploaded.                             |                      |                                                                                                             |               |                  |

### 3.3.3 – No. of Incubation centre created, start-ups incubated on campus during the year

| Incubation Center         | Name               | Sponsored By | Name of the Start-up                  | Nature of Start-up | Date of Commencement |
|---------------------------|--------------------|--------------|---------------------------------------|--------------------|----------------------|
| Modern College Pune 5     | Dnyashwaree Shinde | Self         | Small design and manufacturing set up | Small scale unit   | 12/08/2019           |
| <a href="#">View File</a> |                    |              |                                       |                    |                      |

## 3.4 – Research Publications and Awards

### 3.4.1 – Ph. Ds awarded during the year

| Name of the Department           | Number of PhD's Awarded |
|----------------------------------|-------------------------|
| Psychology                       | 1                       |
| Electronic Science               | 1                       |
| Chemistry                        | 3                       |
| Post Graduate Research Center in | 1                       |

|                                          |   |
|------------------------------------------|---|
| Commerce                                 |   |
| Post Graduate Research Center in Zoology | 1 |

3.4.2 – Research Publications in the Journals notified on UGC website during the year

| Type          | Department              | Number of Publication | Average Impact Factor (if any) |
|---------------|-------------------------|-----------------------|--------------------------------|
| International | Chemistry               | 5                     | 3.94                           |
| International | Commerce                | 5                     | 4.91                           |
| International | German                  | 1                     | 1                              |
| National      | Electronic Science      | 1                     | 5.87                           |
| National      | Business Administration | 14                    | 5.5                            |
| National      | Commerce                | 14                    | 5.5                            |
| National      | Mathematics             | 1                     | 5.87                           |

[View File](#)

3.4.3 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

| Department         | Number of Publication |
|--------------------|-----------------------|
| Animation          | 1                     |
| Electronic Science | 8                     |
| Botany             | 1                     |
| Mathematics        | 4                     |
| Statistics         | 22                    |

[View File](#)

3.4.4 – Patents published/awarded during the year

| Patent Details | Patent status | Patent Number | Date of Award |
|----------------|---------------|---------------|---------------|
| NIL            | Nil           | 0             | Nil           |

No file uploaded.

3.4.5 – Bibliometrics of the publications during the last academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

| Title of the Paper                                                                     | Name of Author   | Title of journal     | Year of publication | Citation Index | Institutional affiliation as mentioned in the publication | Number of citations excluding self citation |
|----------------------------------------------------------------------------------------|------------------|----------------------|---------------------|----------------|-----------------------------------------------------------|---------------------------------------------|
| Water-promoted surface basicity in FeO(OH) for the synthesis of Pseudomonones (PS) and | Dr Sachin Sakate | Journal of Catalysis | 2019                | 21             | Modern College, Pune-05, India                            | 5                                           |

their analogues.

[View File](#)

3.4.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

| Title of the Paper                                                                                     | Name of Author   | Title of journal                                           | Year of publication | h-index | Number of citations excluding self citation | Institutional affiliation as mentioned in the publication                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------|------------------|------------------------------------------------------------|---------------------|---------|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Water-promoted surface basicity in FeO(OH) for the synthesis of Pseudoinones (PS) and their analogues. | Dr Sachin Sakate | Journal of Catalysis Volume 378, October 2019, Pages 80-89 | 2019                | 8       | 3                                           | a Chemical Engineering and Process Development Division, CSIR-National Chemical Laboratory, Pashan, Pune 411008, India b Academy of Scientific and Innovative Research (AcSIR), Ghaziabad 201002, India c P. E. Society's Modern College of Arts, Science |

[View File](#)

3.4.7 – Faculty participation in Seminars/Conferences and Symposia during the year

| Number of Faculty           | International | National | State | Local |
|-----------------------------|---------------|----------|-------|-------|
| Attended/Seminars/Workshops | 15            | 54       | 46    | 20    |
| Presented papers            | 8             | 10       | 23    | 9     |
| Resource persons            | 3             | 12       | 4     | 5     |

[View File](#)

3.5 – Consultancy

3.5.1 – Revenue generated from Consultancy during the year

| Name of the Consultan(s) | Name of consultancy | Consulting/Sponsoring | Revenue generated |
|--------------------------|---------------------|-----------------------|-------------------|
|--------------------------|---------------------|-----------------------|-------------------|



| department        | project                                                             | Agency           | (amount in rupees) |
|-------------------|---------------------------------------------------------------------|------------------|--------------------|
| Microbiology      | A project on two microbial culture on increasing strength of cement | Prakash Kulkarni | 12000              |
| No file uploaded. |                                                                     |                  |                    |

### 3.5.2 – Revenue generated from Corporate Training by the institution during the year

| Name of the Consultan(s) department | Title of the programme     | Agency seeking / training | Revenue generated (amount in rupees) | Number of trainees |
|-------------------------------------|----------------------------|---------------------------|--------------------------------------|--------------------|
| Microbiology                        | Pharmapseutical Techniques | Serum Institute           | 45000                                | 45                 |
| Microbiology                        | Food Quality and Safety    | Quadratic Pvt Ltd         | 43000                                | 43                 |
| No file uploaded.                   |                            |                           |                                      |                    |

### 3.6 – Extension Activities

#### 3.6.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

| Title of the activities   | Organising unit/agency/ collaborating agency | Number of teachers participated in such activities | Number of students participated in such activities |
|---------------------------|----------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Govt. Schemes awareness   | Mahitidoot Yuva Doot, NSS                    | 2                                                  | 32                                                 |
| <a href="#">View File</a> |                                              |                                                    |                                                    |

#### 3.6.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

| Name of the activity       | Award/Recognition          | Awarding Bodies  | Number of students Benefited |
|----------------------------|----------------------------|------------------|------------------------------|
| Participation in RD Parade | Participation in RD Parade | State Government | 1                            |
| No file uploaded.          |                            |                  |                              |

#### 3.6.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

| Name of the scheme                        | Organising unit/Agency/collaborating agency | Name of the activity                      | Number of teachers participated in such activites | Number of students participated in such activites |
|-------------------------------------------|---------------------------------------------|-------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| Guest lecture on Plastic Waste Management | NCC                                         | Guest lecture on Plastic Waste Management | 15                                                | 300                                               |
| <a href="#">View File</a>                 |                                             |                                           |                                                   |                                                   |

### 3.7 – Collaborations

#### 3.7.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

| Nature of activity | Participant | Source of financial support | Duration |
|--------------------|-------------|-----------------------------|----------|
| Research Work      | Dr. Shilpa  | NIL                         | 1825     |

Mujumdar,  
Dr.KarishmaPardesi  
(SPPU),  
Dr.SurekhaSatpute  
(SPPU), Dr  
YogeshShouche  
(NCCS), Dr. Ashok  
Banpurkar (SPPU)

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3.7.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

| Nature of linkage | Title of the linkage                                                                             | Name of the partnering institution/ industry /research lab with contact details | Duration From | Duration To | Participant   |
|-------------------|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|---------------|-------------|---------------|
| Research Project  | Antimicrobial resistance profiling of bacteria isolated from PMPML buses: a mass transit vehicle | NCCS, MCC, Pune                                                                 | 20/06/2019    | 31/03/2020  | Vishal Rajput |

[View File](#)

3.7.3 – MoUs signed with institutions of national, international importance, other institutions, industries, corporate houses etc. during the year

| Organisation              | Date of MoU signed | Purpose/Activities                                                 | Number of students/teachers participated under MoUs |
|---------------------------|--------------------|--------------------------------------------------------------------|-----------------------------------------------------|
| Knowledge Solutions India | 04/12/2019         | Microsoft Certification for Advanced Excel, CPMA, data science etc | 111                                                 |

[View File](#)

## CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

### 4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

| Budget allocated for infrastructure augmentation | Budget utilized for infrastructure development |
|--------------------------------------------------|------------------------------------------------|
| 424                                              | 320                                            |

4.1.2 – Details of augmentation in infrastructure facilities during the year

| Facilities                   | Existing or Newly Added |
|------------------------------|-------------------------|
| Others                       | Newly Added             |
| Classrooms with Wi-Fi OR LAN | Existing                |

|                                                                                          |             |
|------------------------------------------------------------------------------------------|-------------|
| Number of important equipments purchased (Greater than 1-0 lakh) during the current year | Newly Added |
| Value of the equipment purchased during the year (rs. in lakhs)                          | Newly Added |
| Video Centre                                                                             | Newly Added |
| Seminar halls with ICT facilities                                                        | Existing    |
| Classrooms with LCD facilities                                                           | Newly Added |
| Seminar Halls                                                                            | Existing    |
| Laboratories                                                                             | Newly Added |
| Class rooms                                                                              | Existing    |
| Campus Area                                                                              | Existing    |
| <a href="#">View File</a>                                                                |             |

#### 4.2 – Library as a Learning Resource

##### 4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

| Name of the ILMS software | Nature of automation (fully or patially) | Version | Year of automation |
|---------------------------|------------------------------------------|---------|--------------------|
| AutoLib                   | Fully                                    | AutoLib | 2005               |

##### 4.2.2 – Library Services

| Library Service Type  | Existing |          | Newly Added |         | Total   |          |
|-----------------------|----------|----------|-------------|---------|---------|----------|
|                       |          |          |             |         |         |          |
| Text Books            | 30307    | 1947264  | 400         | 67197   | 30707   | 2014461  |
| Reference Books       | 58026    | 13072408 | 842         | 784563  | 58868   | 13856971 |
| e-Books               | 3555000  | 3145849  | 46610       | 3145849 | 3601610 | 6291698  |
| Journals              | 142      | 119162   | Nil         | Nil     | 142     | 119162   |
| e-Journals            | 28000    | 32670    | 28000       | 32670   | 56000   | 65340    |
| Digital Database      | 4        | 32670    | 3           | 46610   | 7       | 79280    |
| CD & Video            | 243      | 79458    | 2           | Nil     | 245     | 79458    |
| Library Automation    | 1        | 16000    | 1           | 18880   | 2       | 34880    |
| Weeding (hard & soft) | 19625    | 1152619  | 6856        | 37590   | 26481   | 1190209  |
| Others(s pecify)      | 2        | 4540     | Nil         | Nil     | 2       | 4540     |

[View File](#)

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

| Name of the Teacher   | Name of the Module | Platform on which module is developed | Date of launching e-content |
|-----------------------|--------------------|---------------------------------------|-----------------------------|
| Prof. Sameer Nerlekar | Std X Chapter      | Flash                                 | 17/01/2020                  |
| Prof. Hari Pagire     | Std X Chapter      | VFX                                   | 17/01/2020                  |
| Prof. Yogindra Vaidya | Std X Chapter      | 3 D                                   | 17/01/2020                  |
| Dr. Anjali Sardesai   | Pointers in C      | Video Creation                        | 27/03/2020                  |
| Dr. Anjali Sardesai   | Arrays in C        | Video Creation                        | 28/03/2020                  |
| Video Creation        | Structure in C     | Video Creation                        | 29/03/2021                  |
| No file uploaded.     |                    |                                       |                             |

#### 4.3 – IT Infrastructure

##### 4.3.1 – Technology Upgradation (overall)

| Type     | Total Computers | Computer Lab | Internet | Browsing centers | Computer Centers | Office | Departments | Available Bandwidth (MBPS/GBPS) | Others |
|----------|-----------------|--------------|----------|------------------|------------------|--------|-------------|---------------------------------|--------|
| Existing | 596             | 15           | 127      | 1                | 1                | 1      | 26          | 156                             | 0      |
| Added    | 10              | 0            | 0        | 0                | 0                | 0      | 1           | 100                             | 2      |
| Total    | 606             | 15           | 127      | 1                | 1                | 1      | 27          | 256                             | 2      |

##### 4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

|                |
|----------------|
| 256 MBPS/ GBPS |
|----------------|

##### 4.3.3 – Facility for e-content

| Name of the e-content development facility | Provide the link of the videos and media centre and recording facility                                                          |
|--------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| Modern Media Station                       | <a href="https://www.youtube.com/channel/UCrbSMrkl_zYoARiZEZ6TfXA">https://www.youtube.com/channel/UCrbSMrkl_zYoARiZEZ6TfXA</a> |
| e-content development cell                 | <a href="https://www.youtube.com/channel/UCrbSMrkl_zYoARiZEZ6TfXA">https://www.youtube.com/channel/UCrbSMrkl_zYoARiZEZ6TfXA</a> |

#### 4.4 – Maintenance of Campus Infrastructure

##### 4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

| Assigned Budget on academic facilities | Expenditure incurred on maintenance of academic facilities | Assigned budget on physical facilities | Expenditure incurred on maintenance of physical facilities |
|----------------------------------------|------------------------------------------------------------|----------------------------------------|------------------------------------------------------------|
| 27                                     | 519919                                                     | 18.27                                  | 2569361                                                    |

##### 4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website)

|                                                                           |
|---------------------------------------------------------------------------|
| The college provides various infrastructural facilities for the students. |
|---------------------------------------------------------------------------|

Some of the facilities and their description is as listed below: 1. Classroom :There are 89 classrooms most of which are ICT enabled. The college has 5 digital classrooms. 2. Laboratory : There are 54 Laboratories in the College. 3. Gymnasium : Well equipped gymnasium is made available for the staff and students. There are various instruments like trademeal, The chest press machine, The chest fly machine, Shoulder press machine, Lat pull-down machine, Cable row machine, Biceps curl bench, Triceps extension bar, The leg press machine, The leg extension machine, The abduction or adduction machine 4. Play ground :There are four play grounds maintained as per National standard. 5. Library :The library is precious and well equipped more than 1 lakh books. OPAC and Web OPAC facilities are available in the library. 6. Reading hall: There are two separate reading halls with capacity of 120 students. Mobile jammer is installed in reading halls. 7. Sports Complex : International Standard Badminton sports complex is made available to the students. 8. College Administrative Office: Separate administrative office with ERP system is available 9. Accounts Section: Separate Accounts section is available with separate ERP system 10. Boys Common Room : Boys common room is made available with necessary facilities 11. Girls Common Room: Girls common room is made available with necessary facilities and sanitary pads vending machine and burner. 12. Competitive Examination Section : well equipped competitive Examination Section is also made available in the college to guide the students. Computer with internet connection, separate library, guest lecture like facilities are also made available . 13. Center for Innovations in Teaching, Learning and Evaluation: To promote and inculcate various teaching pedagogies a center for innovations in teaching learning and evaluation is established under which various workshops and seminars are conducted. 14. Center for Promotion of Research: To promote the research the center is established 15. Modern Media Station: This facility is made available for the promotion of college activities on social media 16. Center for Skill Development: To promote the skill development among students this center is established. 17. Entrepreneurship Development Cell: This cell works for the development of entrepreneurial skills among the students. 18. Placement Cell : The placement cell works for the placement of the students. 19. Digital Record Room : To record all the documents of the college digitally, the Digital Record Room is developed. 20. Digital Library : Various material like books, journals, resources are made available to students and staff in the digitized form through the digital library 21. Institutional Repository : IR is proposed to keep the data of college in the form of digital repository. 22. Meditation Point : Meditation points are proposed in every department. 23. E-content Development Cell: The cell is proposed to develop the e-content There are separate policies defined for various infrastructural facilities available for students on college campus. They are also made available on the College website. The link is : <http://moderncollegepune.edu.in/administration/>

<http://moderncollegepune.edu.in/administration/>

## CRITERION V – STUDENT SUPPORT AND PROGRESSION

### 5.1 – Student Support

#### 5.1.1 – Scholarships and Financial Support

|                                      | Name/Title of the scheme        | Number of students | Amount in Rupees |
|--------------------------------------|---------------------------------|--------------------|------------------|
| Financial Support from institution   | Yuva Sanshodhak                 | 50                 | 50000            |
| Financial Support from Other Sources |                                 |                    |                  |
| a) National                          | Government of India Scholarship | 1652               | 20958195         |

|                           |     |     |     |
|---------------------------|-----|-----|-----|
| b)International           | Nil | Nil | Nil |
| <a href="#">View File</a> |     |     |     |

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

| Name of the capability enhancement scheme                      | Date of implementation | Number of students enrolled | Agencies involved                          |
|----------------------------------------------------------------|------------------------|-----------------------------|--------------------------------------------|
| Foreign Language Training                                      | 19/08/2019             | 48                          | Spraj Institute of Foreign Languages ,Pune |
| BBA-CA: GTT- Barclays Training Programme (Campus to Corporate) | 23/09/2019             | 127                         | GTT                                        |
| No file uploaded.                                              |                        |                             |                                            |

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

| Year                      | Name of the scheme               | Number of benefited students for competitive examination | Number of benefited students by career counseling activities | Number of students who have passed in the comp. exam | Number of students placed |
|---------------------------|----------------------------------|----------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------|---------------------------|
| 2019                      | Guidance for Net Set workshop    | 48                                                       | 48                                                           | 2                                                    | 2                         |
| 2019                      | Guidance For MPSC Examination    | 45                                                       | 45                                                           | 2                                                    | 1                         |
| 2019                      | Guidance for SSC-CGL Examination | 25                                                       | 25                                                           | Nil                                                  | Nil                       |
| 2019                      | Guidance for Mpsc Examination    | 25                                                       | 25                                                           | 1                                                    | Nil                       |
| <a href="#">View File</a> |                                  |                                                          |                                                              |                                                      |                           |

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

| Total grievances received | Number of grievances redressed | Avg. number of days for grievance redressal |
|---------------------------|--------------------------------|---------------------------------------------|
| Nil                       | Nil                            | Nil                                         |

## 5.2 – Student Progression

5.2.1 – Details of campus placement during the year

| On campus                     |                                 |                           | Off campus                    |                                 |                           |
|-------------------------------|---------------------------------|---------------------------|-------------------------------|---------------------------------|---------------------------|
| Name of organizations visited | Number of students participated | Number of students placed | Name of organizations visited | Number of students participated | Number of students placed |
|                               |                                 |                           |                               |                                 |                           |

|                           |    |    |                             |   |   |
|---------------------------|----|----|-----------------------------|---|---|
| Padhega<br>Bharat         | 60 | 30 | Serum<br>Institute,<br>Pune | 8 | 5 |
| <a href="#">View File</a> |    |    |                             |   |   |

#### 5.2.2 – Student progression to higher education in percentage during the year

| Year                      | Number of students enrolling into higher education | Programme graduated from | Depratment graduated from | Name of institution joined       | Name of programme admitted to |
|---------------------------|----------------------------------------------------|--------------------------|---------------------------|----------------------------------|-------------------------------|
| 2019                      | 1                                                  | M.Sc.<br>Mathematics     | Mathematics               | Modern<br>College<br>Ganeshkhind | PhD.                          |
| <a href="#">View File</a> |                                                    |                          |                           |                                  |                               |

#### 5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

| Items                     | Number of students selected/ qualifying |
|---------------------------|-----------------------------------------|
| NET                       | 12                                      |
| SET                       | 4                                       |
| GATE                      | 1                                       |
| GMAT                      | 1                                       |
| Any Other                 | 2                                       |
| <a href="#">View File</a> |                                         |

#### 5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

| Activity                       | Level                                     | Number of Participants |
|--------------------------------|-------------------------------------------|------------------------|
| Inter Collegiate Hockey (M/W)  | Intercollegiate                           | 120                    |
| Inter Zonal Badminton (M/W)    | Inter zonal                               | 20                     |
| Inter Zonal Cycling (Track)    | Inter zonal                               | 12                     |
| Inter Zonal Hockey (W)         | Inter zonal                               | 44                     |
| Inter Collegiate Netball (M/W) | Intercollegiate                           | 66                     |
| Inter Collegiate Korfbal (M/W) | Selection Trials 20 no players Particpate | 20                     |
| <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 national/international level (award for a team event should be counted as one)

| Year                      | Name of the award/medal | National/ Internaional | Number of awards for Sports | Number of awards for Cultural | Student ID number | Name of the student |
|---------------------------|-------------------------|------------------------|-----------------------------|-------------------------------|-------------------|---------------------|
| 2019                      | Gold Medal              | National               | 35                          | 30                            | 35                | in list attached    |
| <a href="#">View File</a> |                         |                        |                             |                               |                   |                     |

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

Student Council is an organization conducted by students and supervised by all faculty members of the college. The purpose of the student council is to give students an opportunity to develop leadership by organizing and carrying out various curricular, co-curricular and extracurricular activities in the college. In addition to planning events that contribute to college spirit and community welfare, the student council is the voice of the student body. They help share student ideas, interests and concerns with the college-wide community. A student council is a group of student elected from the college students who work with advisors within the frame work of University laws. They collaborate with others to serve college community and provide a means for student expression and assistance in college affairs. The student council provides an opportunity to students to develop leadership by organizing and carrying out college activities and service projects. In addition to planning events that contribute to college spirit and community welfare, the student council is the voice of the student body. The function of the student council is based upon parliamentary procedures and participation of students help share their ideas, interests and concerns with the college administration. The student council is very much active and taking part in organising various cultural and academic events in Modern College of Arts, Science and Commerce, Pune-5. The student council of MCASC, Pune -5 also takes initiative for participating in NSS events. Many environment-related activities like river cleaning and celebrating "World Yoga Day", blood donation, traffic awareness drive, tree plantation, Institutional Social Responsibilities, etc. at MCASC, Pune-5 campus are proposed and coordinated by the student council. Student council members also give suggestions to inculcate research habit among the students. The Student Council is formed by Class Representatives (CR) from each class, who are normally the students with highest academic performance in previous examination. The Student Council also contains each from National Service Scheme (NSS) and National Cadet Corps (NCC). Among these members of Students Council, the University Representative is shortlisted by affiliating University for the College. Regular meetings of the student council are conducted under the chairmanship of Principal of the College to discuss the topics related to teaching-learning, student events, Cultural events, Annual Social Gathering, Sports Events, Examinations and other events organized in the College. The various committees such as College Development Committee (Formerly Local Management Committee), IQAC, Student Welfare Committee, NSS Committee, Library Committee, Canteen Committee, Gymkhana Committee have representatives from the student council and they actively participate in the meetings of these committees. The College conducts Best Student Trophy event every year through which one UG and one PG student is shortlisted as Best Student based on his/her academic, curricular, co-curricular and extra-curricular achievements. These students take initiatives in the overall grooming of other students w.r.t. academic, curricular, co-curricular and extra-curricular activities.

**5.4 – Alumni Engagement**

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The alumni are an important stakeholder in the functioning of the college. They are a valuable asset of our college. The past students of our college are successful in various fields like education, performing arts, sports, government services, business, law, entrepreneurship, accountancy, management, information technology and many more. Past students of Modern College of Arts, Science and Commerce, Pune-5, have been in association with the institute for many years through Re-Unions, Lecture and interaction sessions, rendering



Financial assistance, Cultural programmes, Career guidance, offering Placements and such varied activities. These interactions with the past students were more of informal nature and mostly at departmental level. In order to have a continuous and organized interaction with the alumni, the college decided to form a formal Past- students Association. It was on 18th May 2013, that the Business Council of the Progressive Education Society, Pune-5, passed the resolution that necessary steps be taken by the Principal for registering Alumni Association of Modern College of Arts, Science and Commerce, Pune-5, in consultation with the Honourable Chairman P.E.Society, Pune-5. The procedure was eventually completed and the past students association was finally registered on 15th May 2014 as MODERN ALUMNI ASSOCIATION [Registration No.945/2014/Pune]. The members of the Managing Committee of the MODERN ALUMNI ASSOCIATION are: Sr.No. Name Occupation Designation 1 Dr.Gajanan R. Ekbote Chairman, P.E.S., B.C. President 2 Dr.Rajendra S. Zunjarrao Principal Hon.Secretary 3 Dr. Nayana J.Kulkarni Vice-Principal Treasurer 4 Dr. Sanjeevani K.Rahane Associate Professor Member 5 Mr.Narendra M. Naidu Associate Professor Hon.Treasurer 6 Prof. Jyotsna G.Ekbote Professor Joint.Secretary, P.E.S. Member 7 Prof.Shamkant S. Deshmukh Secretary, P.E.S. Member 8 Dr.Anil R. Deshpande Professor Member 9 Mr. Abhaykumar M.Lalwani Business Member 10 Mr.Sanjay S.Katkar Entrepreneurship Member

Few of the main objectives of this Association are: 1. To arrange lectures of honorary members and other respective personalities in various fields and encourage students to expand their horizon while entering in the real life. 2. To provide guidance to the students of the college with reference to career choice and development. 3. To help the college for strengthening its infrastructural activities. 4. To organize activities for social awareness and social benefits 5. To encourage students to become entrepreneurs by undertaking programs in various forms. 6. To establish scholarships and grants to students who have scholarly disposition and no resource to pursue higher studies. 7. To cater the professional and personal needs of the alumni and the students of the Modern College so as to build better relations with the Modern College for advancement of the objectives of the association. 8. To undertake domestic and international consulting projects. Through various activities of the alumni, these objectives are met either at the departmental or college level. An internal past- students committee of the current staff has been formed to coordinate between the college and the Modern Alumni Association.

5.4.2 – No. of registered Alumni:

15000

5.4.3 – Alumni contribution during the year (in Rupees) :

120000

5.4.4 – Meetings/activities organized by Alumni Association :

- Modern Alumni Association has been registered (Registration No. 945).
- Online registration form is made available on College website. Department wise alumni meet are arranged.
- During the Golden Jubilee Year i.e. academic year 2019-20, all the departments conducted Alumni meets.
- The past students since 1970 were appealed to visit college during the Golden Jubilee Year.
- In the Golden Jubilee Year Souvenir, special articles were published which were written by eminent past students.
- In Computer Science Department, successfully placed Alumni visit the college for weekly interactive meetings and guide the present students for enhancing their employability.
- Alumni interact with the stakeholders namely teachers, non teaching staff and present students and give their feedback about various criteria.
- For students excelling in Sports, a separate Alumni association 'Modern Past Association' is also formed.
- The Alumni from Dept. of Physical Education and Sports

participate in conducting of Inter Collegiate Sports events. • Meetings were held at departmental level especially to plan the Re-Union • Alumni were invited as Guest Speakers by few departments.

## CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

### 6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

• The college has well defined decentralized system, which ensures that the adequate information is available for management to review policy statements and action plan of the institution. The Information flows as: HOD ? Vice-Principal ? Principal ? College Development Committee ? Board of Life Members? Business Council. • IQAC also ensures best performance in all academic and administrative activities with continuous improvement and monitoring system - encouraging teachers, students and administrative staff to achieve higher and greater targets every year has been the policy of the institution. • In addition to IQAC, 62 various committees are formed in college for smooth conduct of academic and administrative process. Each committee has in-charge Vice-Principal, Chairperson, Coordinator and members. Representatives of the management, students, eminent personalities and alumni are part of some of the committees. • Case Study 1 : Admission Process : o Admission committee, decide detailed rules and norms for admission based on the norms of Government of Maharashtra and affiliating University. o These norms are communicated to respective faculty clerks through College administration office o Students fill admission forms which are verified by respective faculty vice-principal, who is member of admission committee, which in turn are approved by respective faculty clerks. o The accounts clerks check the payment status of the student. o Upon confirming the payment status, the students obtain signature of respective Vice-Principals on the form and submit the form to respective faculty clerk. o Upon receiving the form, the faculty clerk makes the student "admitted" and generates his/ her roll number by entering the student in respective class. o The students then receive the Identity card and Library number by the library clerk • Case study 2 : Library Committee and purchase of Books and Journal o The college has a library committee which looks after the functioning of library. Regular meetings of library committee are conducted. o Library committee finalizes the budget for purchase of books, journals and allied items for each programme. o List of books to be purchased and journals to be subscribed are received by Librarian from the head of the departments. o Librarian puts the requirements before the library committee and takes approval for the lists. o Quotations are obtained from different dealers and comparative charts are made by the librarian and Chairperson of Library committee. o The comparative chart and the proposal for purchase are presented before the purchase committee. Purchase or subscription is done for the quotations which are passed by the purchase committee. o The verification of book details are done by library clerks upon receipt of books along with the bills in the library. Entry for each book is made in the Accession Register with all relevant details. o The bills are processed for payment with the accession numbers entered against each item. o The account section makes the payments if all details are matched. Similar procedure of decentralized and participative management is practiced for all other purchases as well for organization of co-curricular, extracurricular and sports

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

### 6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

| Strategy Type              | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Curriculum Development     | <p>As the college is affiliated to SPPU, Pune, the curriculum is designed by the affiliating University. However, maximum teachers are involved in development of curriculum at University Level. For ac yr 2019-20, under Autonomy, the syllabus for FYUG and FYPG is designed and developed by various BOS constituted in the college and all the teachers are involved in the development of syllabus. To promote skill development among students, add-on skill development courses are conducted and the syllabus of such courses is designed by the staff members and the courses are conducted by the staff members.</p>                                                                                                                                                                |
| Teaching and Learning      | <p>More use of ICT enabled teaching. Modern Pedagogical methods are used for teaching like Cooperative learning and PBL. Use of Traditional methods in combination with advanced method is encouraged. Efforts are made to have classroom ambience supportive for teaching and learning. Lecture plans are prepared by teachers of every department. Following teaching learning methods are adopted:- 50 : Lecture Method (chalk and talk) 50 : LCD Projector, Seminar, experimental method, demonstration, group discussion, study tour, feedback lecture series, learning by performance, symposium. Blended Learning Methods are used in different courses.</p>                                                                                                                            |
| Examination and Evaluation | <ul style="list-style-type: none"> <li>• Online examination system for Continuous Internal Evaluation</li> <li>• Onscreen evaluation is implemented for the paper checking.</li> <li>• Provision of more options for continuous internal evaluation</li> <li>• Compulsory questions on problem solving were introduced.</li> <li>• Under Autonomy, the paper setting, paper checking is done college level. The well equipped Examination Section is developed.</li> <li>• Examination Committee ensures the smooth conduct of examinations - Internal and External.</li> <li>• The results of the examination are displayed and performance of the students is analyzed.</li> <li>• Permanent numbering on benches in classroom for ease of seating arrangement</li> <li>• Issuing</li> </ul> |

|                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                                            | of appointment letters to junior supervisors                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Research and Development                                   | <ul style="list-style-type: none"> <li>• Establishment of Center for Promotion of research</li> <li>• Successful implementation of Yuva Sanshodhak Scheme to promote research culture</li> <li>• Designing of Consultancy and Patent Policy</li> <li>• Continue organization of seminars and conferences</li> <li>• Encouragement to teachers to undertake minor and major research projects</li> <li>• Encouragement of students to participate in research competitions such as Avishkar, Innovation, etc.</li> <li>• Increase in number of research centers</li> <li>• The students are encouraged to select project themes which aim at focussing and resolving issues of the society or which have social economic relevance. E.g. Vermiculture and bio-fertilizer production project</li> <li>• Encouragement to teachers avail facility of FIP-UGC for improving and advancing their qualifications</li> </ul> |
| Library, ICT and Physical Infrastructure / Instrumentation | <ul style="list-style-type: none"> <li>• Use of advanced technology is encouraged to make library services more effective and convenient.</li> <li>• Establishment of Institutional Repository</li> <li>• Use of OPAC, Web-OPAC</li> <li>• Construction of additional reading hall for library</li> <li>• Mobile jammer in Library</li> <li>• Increase in number of ICT based classrooms</li> <li>• Providing the personal mike system to teachers</li> <li>• Providing the visualizers to Science laboratories</li> <li>• All the required equipments as per the syllabus are purchased and made available to the students</li> <li>• In addition to the instruments prescribed by University, advanced equipment are purchased for promoting research</li> </ul>                                                                                                                                                    |
| Human Resource Management                                  | <ul style="list-style-type: none"> <li>• To organize training programme/ workshops/ conferences etc for human resource development and human resource management</li> <li>• Use of computer technology for HR management</li> <li>• Regulations and norms of UGC, Govt of Maharashtra and SPPU are followed for staff recruitment.</li> <li>• Conducting entrance examination, classroom demonstration in addition to the formal interview.</li> <li>• Preference is given to those fulfilling basic requirements but also have additional qualifications.</li> <li>• Organizing various events, gatherings for the team building activity of staff members</li> <li>• Organizing various games for the staff</li> </ul>                                                                                                                                                                                              |

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                      | members • Implementing various welfare schemes for the teaching and non-teaching staff                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Industry Interaction / Collaboration | Establishment of industry academia cell to increase the collaboration with industries and national laboratories. Industry academia meets are organized every year to develop strategies, encouraging industry academia collaboration. The college, at department level, promotes industry interaction with various institutions, corporate and local industries. Zoology and Biotechnology : NCCS Pune, Modern College of Pharmacy, Nigdi. Botany: Modern College of Pharmacy, Nigdi, Bharati Vidyapeeth Pune. German: German Institute (Max Muller Bhavan), PASCH. Dr. H.V.Ghate : University of WROCLAW, Poland. English : BCL, Pune. Computer Science: Quick Heal Technologies, Orbit Hitech Computers. Animation: Padhega Bharat, Sharkfin Studios Fashion Technology: Cotton King |
| Admission of Students                | <ul style="list-style-type: none"> <li>• Use of technology for making admission process effective, transparent and convenient to the student through online admissions.</li> <li>• College uses Vriddhi Edubrain software and in some cases college has taken help of external agencies for online admissions, namely e-Pravesh for the generation of merit list.</li> <li>• In 2019-20, 100 admissions are through online mode.</li> <li>• 100 Online Payment option for the payment of admission fees.</li> <li>• The college prospectus is available on college website.</li> <li>• For some of the courses, the entrance tests are conducted for the admission process.</li> <li>• Provision of installment option for payment of fees</li> </ul>                                  |

6.2.2 – Implementation of e-governance in areas of operations:

| E-governance area        | Details                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Planning and Development | <ul style="list-style-type: none"> <li>• Digital Record Room is used to record the data in paperless format.</li> <li>• Online booking of assembly hall IQAC Activity report : To report the daily activities to IQAC, online IQAC Activity report is prepared.</li> <li>• Online psychological wellbeing test is developed.</li> <li>• Wifi is made available on campus and Firewall is activated.</li> <li>• Virtual Classroom, virtual laboratory, digital classroom, use of Digital Herbarium, use of animal dissection</li> </ul> |

software are some of the innovative developmental things implemented in the college.

Administration

- Mograsis ERP : The college has implemented a complete ERP system named Mograsis to implement the autonomy for FYUG and FYPG classes for the academic year 2019-20. The system takes care of student management system, staff management system, online admission system, all the types reports related to student data.
- Bulk sms system is used to send sms to staff and students
- All staff members are given official email ids for all the official communication and are asked to use the same.
- Library Automation is achieved through Autolib software and OPAC and WEB-OAPC. Institutional Repository is developed by the Library to keep all the institutional data.
- Accounts Automation is achieved through Tally software
- Internet facility is provided to all departments of the college.
- College website is developed for presenting activities of college related to academics, administration, research and student support services
- Library makes use of advance technologies to access online reference databases
- Digital record room enables the administrative staff to maintain the records and helps easy and quick access of records.
- Wi-Fi connectivity on college campus
- Mobile jammer in Library Reading hall
- Meditation points are installed on all the departments and some of the common places such as library, girls and boys pavilion, etc.

Finance and Accounts

- Accounts are maintained through tally software
- PFMS system is successfully implemented
- Most of the transactions are made through online mode
- 100 Online payment option is made available for the students
- Use of Tally software for accounts and record keeping purpose
- The college promotes online payments to vendors
- Cashless transactions are promoted

Student Admission and Support

- The college offers 100 Online admissions to the students
- The fees payment is done through 100 online payment gateway
- Teachers and students have direct access to INFLIBNET facility of UGC. The staff and student accounts are created to access

INFLIBNET. • Web OPAC - Adequate provision of computers has been done to refer OPAC with proper instructions. Students extensively use this OPAC to locate the required book and they do not require any manual help. It saves their time. • The college has digital library through which the staff and students get easy access to e-material. • Institutional Repository is developed • Searching of books, Issue and returns of books is through OPAC software thereby achieving 100 library automation. • Online databases, e-books, e-journals, e-resources are made available to the staff and students • The campus is wi-fi enabled. ? Virtual Classroom : In Virtual Classroom, the students can get an opportunity to listen to live or recorded sessions of eminent personalities across the globe. ? Virtual Laboratory: In Virtual Laboratory the students can use the equipments, laboratory set-up at remote laboratories live. This saves the cost of highly expensive laboratory set-up, costly equipments like robotics. ? Digital Classrooms: In Digital Classroom faculties can deliver lectures, elaborate topic, make the teaching interactive, conduct group assignments etc. It comprises of Synchronous Learning, Live Technological support, Multilevel Feedback, use of White Board, Sharing Screen with Students, Session Recording, Live Audio-Visual Support. ? Use of Digital Herbarium : The department now has adopted a digital way to overcome the limitations of traditional methods of making herbarium and storing the collection of specimens .The students now visit the various localities and take high quality digital images of plant and plant organs. These plants are correctly identified with the help of experts in the field of Angiospermic taxonomy. These images are then arranged suitably in the form of a searchable database, thus contributing to the development of the digital herbarium. • Use of Digital Animal Dissection Simulator : Animal dissection is not an efficient method as it is harmful to animals. Department of Zoology has created a video film of animal dissection which is demonstrated to students at the time of practical.

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|             | <p>This has helped in saving the animal life. • Central Analytical Instrumentation Facility : The college has established a laboratory with high-end equipments under the DST-FIST Scheme. The research scholars, teachers and students can use this facility for the research.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Examination | <p>Affiliated System: • The college follows Online mark entry system by SPPU • The college implemented onscreen evaluation system for the Department of Biotechnology. • The question papers are received from SPPU in online manner. Autonomous System: • Online examination : Online MCQ based examinations were conducted using MOODLE • Question Paper submission : Online submission of questions papers • Question paper status : The online system is developed to review the status of question papers submitted and balance question papers • Marks Entry : Online marks entry in ERP and automatic marks entry in ERP for objective examinations conducted • Result Generation : Result generation and marksheet printing through ERP • Examination Forms : Online examinations forms are generated • Result Summary Ledger preparation were prepared for the generated result</p> |

### 6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

| Year | Name of Teacher               | Name of conference/ workshop attended for which financial support provided | Name of the professional body for which membership fee is provided | Amount of support |
|------|-------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------|
| 2019 | Prof. Poulose Alphy Edakkudan | Translation Studies                                                        | IIT Patna                                                          | 2500              |
| 2019 | Prof. Pardeshi Sheetal        | National Conference on Phage: A boon or bane                               | Abeda Inamdar College, Pune                                        | 1000              |
| 2019 | Prof. Sakate S.S.             | ICETC                                                                      | VIT Vellore Chennai                                                | 4700              |
| 2019 | Shri. Jumman Shaikh           | National Conference on Phage: A boon or bane                               | Abeda Inamdar College, Pune                                        | 500               |
| 2019 | Prof. Devika Krishnan         | Translation Studies                                                        | IIT Patna                                                          | 2500              |



|                           |                         |       |                        |      |
|---------------------------|-------------------------|-------|------------------------|------|
| 2019                      | Prof. Deokar<br>Archana | ICETC | VIT Vellore<br>Chennai | 6000 |
| <a href="#">View File</a> |                         |       |                        |      |

6.3.2 – Number of professional development / administrative training programmes organized by the Colleges for teaching and non teaching staff during the year

| Year              | Title of the professional development programme organised for teaching staff | Title of the administrative training programme organised for non-teaching staff | From date  | To Date    | Number of participants (Teaching staff) | Number of participants (non-teaching staff) |
|-------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------|------------|-----------------------------------------|---------------------------------------------|
| 2019              | LMS Moodle Training                                                          | Nil                                                                             | 20/09/2019 | 20/09/2019 | 120                                     | Nil                                         |
| 2020              | Nil                                                                          | Workshop for Laboratory Safety                                                  | 15/01/2020 | 15/01/2020 | Nil                                     | 20                                          |
| 2019              | Publication Ethics                                                           | Nil                                                                             | 23/04/2020 | 23/04/2020 | 189                                     | Nil                                         |
| No file uploaded. |                                                                              |                                                                                 |            |            |                                         |                                             |

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

| Title of the professional development programme                                                                | Number of teachers who attended | From Date  | To date    | Duration |
|----------------------------------------------------------------------------------------------------------------|---------------------------------|------------|------------|----------|
| Refresher course in Environmental sciences (Physics), SPPU, Pune                                               | 14                              | 09/12/2019 | 22/12/2019 | 14       |
| Faculty Development Program: "E-Content Development and Use of Online Teaching Tools and Service" MCASC, Pune. | 212                             | 11/05/2020 | 25/05/2020 | 15       |
| <a href="#">View File</a>                                                                                      |                                 |            |            |          |

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

| Teaching  |           | Non-teaching |           |
|-----------|-----------|--------------|-----------|
| Permanent | Full Time | Permanent    | Full Time |
| 61        | 170       | 94           | 78        |

6.3.5 – Welfare schemes for

| Teaching                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Non-teaching                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Students                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>1. Festival Advance 2. Staff Tea Club 3. Felicitation of staff members on their achievements 4. Participation of staff members in conferences and seminars 5. Health check up 6. Organization of Meditation sessions for the staff 7. Financial assistance: The college management takes adequate steps for the welfare of teaching and non teaching staff of the college. 8. Credit Co-operative Society: The credit Co-operative society provides financial assistance to all the members of the staff. The loans are provided for purchase or repairs of house, marriage, medical reasons, education purpose and other at a very reasonable rate of interest. 9. Staff Welfare Fund: The Staff Welfare Fund is constituted to provide for urgent financial help to the members of the staff. This fund enables the members to get immediate financial help in case of emergency without requiring completion of much formality. 10. Management Policy is to offer 25 concession in tuition fees for the wards of the staff members admitted in any institute under Progressive Education Society. 11. College encourages teaching and nonteaching staff to improve their educational qualification. If required their regular timetable is rescheduled within the department.</p> | <p>1. Laboratory Safety Workshops 2. Fire Safety Workshops 3. Festival Advance 4. Staff Tea Club 5. Felicitation of staff members on their achievements 6. Health check up 7. Organization of Meditation sessions for the staff 8. Financial assistance: The college management takes adequate steps for the welfare of teaching and non teaching staff of the college. 9. Credit Co-operative Society: The credit Co-operative society provides financial assistance to all the members of the staff. The loans are provided for purchase or repairs of house, marriage, medical reasons, education purpose and other at a very reasonable rate of interest. 10. Staff Welfare Fund: The Staff Welfare Fund is constituted to provide for urgent financial help to the members of the staff. This fund enables the members to get immediate financial help in case of emergency without requiring completion of much formality. 11. Management Policy is to offer 25 concession in tuition fees for the wards of the staff members admitted in any institute under Progressive Education Society. 12. College encourages teaching and nonteaching staff to improve their educational qualification. If required their regular timetable is rescheduled within the department. 13. Psychological</p> | <p>1. Canteen Facility : The college has canteen facility which provides snacks, tea, coffee, cold drinks, meals etc. at reasonable rates. Hygienic food is being served. Canteen committee ensures the hygienic standard of the food is served at the canteen. 2. Book Bank 3. Library 4. Common Computing center 5. Gymnasium 6. Wifi 7. Fees installment facility 8. Student aid fund: Financial aid to famine affected students is provided. Physically handicapped students are provided the text books and cash for conveyance for transportation (like bus pass, railway pass etc). Needy students are given financial help to attend the seminars, workshops and study tours. 9. Earn while learn scheme: The college has "Earn and Learn" scheme is of great help to economically weak and needy students. 10. Institutional Social Responsibility Committee 11. Scholarships through Institutional Social Responsibility Committee 12. Laboratory safety workshops 13. Participation in conferences and workshops 14. Yuva Sanshodhak Scheme 15. Inculcation of research culture 16. Insurance : There is a group insurance policy for all the students, which covers accidental death or injury. 17. Water purifiers and water coolers are installed on each floor 18. Endowment prizes 19. Counseling: Academic, personal,</p> |

12. Psychological counseling is made available to teaching as well as nonteaching staff members. 13. Organically grown vegetables and fruits are made available for purchase, once in a week, on the College campus, for the benefit of staff members and students. 14. Recreational programmes are organized for teaching and nonteaching staff by Staff academy, College Management and the Management of Progressive Education Society. 15. Group Insurance Scheme - Insurance cover is available to all the members under this scheme. 16. Interest free advances are given against the salary in deserving cases. 17. Emergency medical aid is provided. 18. Health awareness camps are held for the benefit of the staff. Department of Physical Education has required equipment for the health check-ups. 19. Stress management camp, Yoga, Spirituality workshops are organized with the help of expert agencies. Meditation room is made available for staff members. 20. Canteen facility, Gymnasium, sports facilities are available in the campus for staff and students. 21. Inter institutional sports activities for staff members are organized every year. 22. The college management organizes academic visits and study tours for the benefit of the staff.

counseling is made available to teaching as well as nonteaching staff members. 14. Organically grown vegetables and fruits are made available for purchase, once in a week, on the College campus, for the benefit of staff members and students. 15. Recreational programmes are organized for teaching and nonteaching staff by Staff academy, College Management and the Management of Progressive Education Society. 16. Group Insurance Scheme - Insurance cover is available to all the members under this scheme. 17. Interest free advances are given against the salary in deserving cases. 18. Emergency medical aid is provided. 19. Health awareness camps are held for the benefit of the staff. Department of Physical Education has required equipment for the health check-ups. 20. Stress management camp, Yoga, Spirituality workshops are organized with the help of expert agencies. Meditation room is made available for staff members. 21. Canteen facility, Gymnasium, sports facilities are available in the campus for staff and students. 22. Inter institutional sports activities for staff members are organized every year.

career, psycho-social etc.

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

Budgets are sanctioned in LMC - BOLM - BC. Then the funds are made available for further actions to the purchase committee. Budgets are prepared on the basis of requirements of various departments for the next financial year. All these requirements are considered by Finance Committee and then provisions are made in the budget. For efficient use of available financial resources, following is the system of control. • Budgetary Control, e.g., funds are utilized as per budget allocation. • Finance Committee: Financial transactions are subject to supervision and control of finance committee. • Internal Check: All financial transactions are subject to internal check/control i.e. all transactions are passed through Registrar ? Vice-Principal ? Principal. All purchases are routed through Purchase Committee ? Principal ? Chairman LMC. Pre sanction of Building Maintenance Committee (at P.E. Society) is taken before issuing work order and payments are made after scrutiny of measurements by said committee. • Separate accounts and cash section looks after the financial transactions. The operations of the sections are fully computerized and the advanced software is used for the accuracy, safety and efficiency of transactions. Internal Audit: Accounts of the college are subject to internal audit. Internal auditor is appointed by the Business Council. Internal auditor is independent outside entity. Periodic internal audit of all transactions is conducted by outside firm of Chartered Accountants. Their observations and comments are put before Finance Committee and compliances are made. The reports of internal auditors are put before the Finance Committee of the college and compliances are made by the college. Statutory Audit: At the end of the year Statutory Audit is conducted by the auditor and the reports thereof are directly submitted to Business Council. Statutory auditors are appointed at the society level. Statutory auditors consider the report of internal auditors. Statutory audit report along with compliance report is forwarded to BOLM for consideration. Statutory reports are directly addressed to Chairman, Business Council. There are no major objections in the audit report, however, some of the observations are relating to payment of advances given to the staff for meeting expenses of college functions, signatures of the staff members on the pay sheet minimum cash transactions. The internal audit for financial year 2017-18 has been completed by May 2017 and Statuary audit for the same period has been completed by July 2018. The parent body organizes the expert guidance meetings of the auditors for the institutional heads. In this meeting the various issues relating to the audit, taxation and financial matters are discussed and resolved. Based on the discussions and expert guidance, the guidelines are laid down with respect to financial matters for the benefit of heads of the departments.

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

| Name of the non government funding agencies /individuals                           | Funds/ Grnats received in Rs. | Purpose                |
|------------------------------------------------------------------------------------|-------------------------------|------------------------|
| funds received from management, non-government bodies, individuals, philanthropies | 1430571                       | For the needy students |
| <a href="#">View File</a>                                                          |                               |                        |

6.4.3 – Total corpus fund generated

920850

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

| Audit Type     | External |                                       | Internal |                     |
|----------------|----------|---------------------------------------|----------|---------------------|
|                | Yes/No   | Agency                                | Yes/No   | Authority           |
| Academic       | No       | Nil                                   | Yes      | IQAC, MCASC, Pune 5 |
| Administrative | Yes      | Progressive Education Society, Pune 5 | Yes      | IQAC, MCASC, Pune 5 |

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

The college has a Class Advisor System. Every Class has a student Class representative. The PTA of each class is constituted as below : 1. Head of the Department (Chairperson) 2. Class Advisor 3. Parent of Class Representative The Institutional PTA is formed as below: 1. Principal (Chairperson) 2. Vice-Principals (Member) 3. Head of the Departments (Member) 4. Nominated Parent of Class Representative of any one class (Member) Following are the activities under Parent-Teacher Association: 1. Many of the Departments arrange Parent Teacher meetings in their departments. In such meetings, Parents are made aware about the facilities and activities of the department. 2. Feedback is taken from the parents. Interaction between parents and teachers is facilitated. Based on feedback of the parents possible actions are initiated. 3. Some parents have initiated scholarships for giving financial support to needy students.

6.5.3 – Development programmes for support staff (at least three)

Following Development Programs were organized for the support Staff : 1. Meetings of Lab assistants and lab attendants are conducted for giving guidance on laboratory safety. 2. Training activities like campus safety, use of fire extinguisher, lab safeties etc are conducted for their development. 3. The support staffs are trained according to the needs of their specific departments. 4. Workshop on lab safety was organised for Lab assistants and attendants. 5. Training for using Safety equipment like fume hoods and safety materials like lab shoes, apron, and gloves are provided. 6. Training for ERP system was organized for the office and Library staff

6.5.4 – Post Accreditation initiative(s) (mention at least three)

Post Accreditation Initiatives in academic year 2019-20 : 1. Grant of Autonomous Status to college from UGC New Delhi in April 2019 for 10 academic years. 2. The following activities were conducted to implement the autonomy : i. Preparation of autonomy budget ii. Defining Credit structure iii. Constitution of statutory committees iv. Conduction of meetings of various committees v. Syllabus restructuring vi. Establishment of separate exam section vii. Preparation of examination related policies viii. Website updation w.r.t Autonomy 3. Implementation of new ERP 4. Implementation of LMS in college 5. IT Infrastructure wise strengthening of departments 6. Upgradation of existing leased line internet connectivity of 100 mbps to 200 mbps 7. Firewall set up and implementation 8. Library stock taking system is routinized 9. Establishment of Innovation Incubation center under MHRD / MOE 10. Establishment of NPTEL Local Chapter 11. Conduction of Department wise Academic Audit 12. Implementation of online examinations for Continuous Internal Evaluation under Autonomy 13. Installation of Meditation Points in the campus 14. Preparation of Institutional Repository of the College 15. Successful Completion of First year of Autonomy 16. Conduction of various programs for the Golden Jubilee Year Celebration

### 6.5.5 – Internal Quality Assurance System Details

|                                        |     |
|----------------------------------------|-----|
| a) Submission of Data for AISHE portal | Yes |
| b) Participation in NIRF               | Yes |
| c) ISO certification                   | Yes |
| d) NBA or any other quality audit      | No  |

### 6.5.6 – Number of Quality Initiatives undertaken during the year

| Year | Name of quality initiative by IQAC                                                                                 | Date of conducting IQAC | Duration From | Duration To | Number of participants |
|------|--------------------------------------------------------------------------------------------------------------------|-------------------------|---------------|-------------|------------------------|
| 2019 | GTT- Barclays Training Programme (Campus to Corporate - F2F workshop) for TY BBA                                   | 27/07/2019              | 20/09/2019    | 20/09/2019  | 72                     |
| 2019 | Banking Income Tax Exposition Recent development in Banking Budget 2020 (SY B.com M.com, M.com E commerce Part II) | 27/07/2019              | 23/09/2019    | 23/09/2019  | 120                    |

[View File](#)

## CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

### 7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

| Title of the programme                                     | Period from | Period To  | Number of Participants |      |
|------------------------------------------------------------|-------------|------------|------------------------|------|
|                                                            |             |            | Female                 | Male |
| Programme on Women Empowerment organised by ISR Committee  | 26/07/2019  | 26/07/2019 | 50                     | 43   |
| Power Walk – A Gender Sensitisation for students of        | 20/07/2019  | 20/07/2019 | 58                     | 67   |
| Inauguration of Display of photographs and achievements of | 11/03/2020  | 11/03/2020 | 20                     | 3    |

'25 remarkable Woman Achievers of India' from various fields of politics, academics etc. by Prof. Jyotsana Ekbote, President, Women and Child Welfare Committee, Pune Municipal Corporation, P

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources

6.6 of power of the college met by renewable energy sources.

7.1.3 – Differently abled (Divyangjan) friendliness

| Item facilities                                          | Yes/No | Number of beneficiaries |
|----------------------------------------------------------|--------|-------------------------|
| Physical facilities                                      | Yes    | 10                      |
| Provision for lift                                       | Yes    | 60                      |
| Ramp/Rails                                               | Yes    | 10                      |
| Braille Software/facilities                              | Yes    | 50                      |
| Rest Rooms                                               | Yes    | 8000                    |
| Scribes for examination                                  | Yes    | 50                      |
| Special skill development for differently abled students | Yes    | 50                      |
| Any other similar facility                               | Yes    | 50                      |

7.1.4 – Inclusion and Situatedness

| Year | Number of initiatives to address locational advantages and disadvantages | Number of initiatives taken to engage with and contribute to local community | Date       | Duration | Name of initiative | Issues addressed                                                   | Number of participating students and staff |
|------|--------------------------------------------------------------------------|------------------------------------------------------------------------------|------------|----------|--------------------|--------------------------------------------------------------------|--------------------------------------------|
| 2019 | 1                                                                        | Nil                                                                          | 24/12/2019 | 1        | IT Exhibition      | Locational advantage of surrounding IT companies is enhanced by IT | 165                                        |

|                           |     |   |            |   |                                                                                  |                                           |     |
|---------------------------|-----|---|------------|---|----------------------------------------------------------------------------------|-------------------------------------------|-----|
|                           |     |   |            |   |                                                                                  | training and exhibition                   |     |
| 2020                      | Nil | 1 | 16/01/2020 | 1 | EVS Exhibition Environmental issues its protection under sustainable development | Environmental consciousness and awareness | 360 |
| <a href="#">View File</a> |     |   |            |   |                                                                                  |                                           |     |

#### 7.1.5 – Human Values and Professional Ethics

| Title               | Date of publication | Follow up(max 100 words)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Professional Ethics | 20/04/2020          | The college has published the first version of code of conduct and professional ethics on 20th April 2021. The main objective of this document is to emphasize the personal and corporate rules that govern behavior within the context of the teaching profession. They provide the guidance and offer justification for the code of professional conduct and the advisory opinions. The document is prepared for some of the stakeholders viz Principal, Vice Principal, teaching and nonteaching staff and students. The link of the document is <a href="http://moderncollegepune.edu.in/administration/">http://moderncollegepune.edu.in/administration/</a> |

#### 7.1.6 – Activities conducted for promotion of universal Values and Ethics

| Activity                                                                              | Duration From | Duration To | Number of participants |
|---------------------------------------------------------------------------------------|---------------|-------------|------------------------|
| Workshop on "Youth Empowerment"<br>Mr. Himanshu Nagarkar (Art of Living Organization) | 18/12/2019    | 19/12/2019  | 29                     |
| Social Week                                                                           | 08/01/2020    | 11/01/2020  | 75                     |
| Health Awareness                                                                      | 28/11/2019    | 28/11/2019  | 80                     |



programme Stem Cell  
Donation Program

[View File](#)

#### 7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

The following initiatives are taken by the institution: 1. Biomedical Waste Disposal 2. Effluent Treatment Plant is installed on the campus to filter the chemical mixed water from laboratories. 3. Sewage Treatment Plant of capacity 80,000 liters is installed on the campus. The water is used for garden and play ground 4. Solar panel based distilled water unit is installed on the campus. 5. Solar Panels are installed on the top roof of the building to use the solar energy to drive the electrical pumps installed in the college premises. 6. Solar lights are installed in the college campus to use as the backup energy during failure of MSEB electric supply. These lights are basically useful for the students who are studying in the college campus at night. 7. College campus is made plastic free. By avoiding the use of plastic and thermocol related items in the campus. 8. Every department has a facility of separate dust bins for collection of dry and wet garbage. 9. To promote less use of papers, online services are initiated and promoted. 10. An appeal is made to use the private (Ola, Uber) / public (PMPML) vehicles for daily travel from home to college and back. 11. Solar tree is proposed in the college campus to use as the backup energy during failure of MSEB electric supply. 12. NSS unit of our college implemented some activities in the college and in the adopted village. 13. Survey on e-waste management in adopted village Phulgaon, District Pune. 14. Organized lecture of experts on this topic in NSS special camp and in college. 15. Prepared and displayed posters / banners on this subject in NSS camp at Phulgaon. 16. Started e-waste collection Centre at our college NSS unit. 17. The Department of Computer Science donates the old versions of computers to the schools of our organization. 18. The faculty members and students of Department of electronics and computer science of the college are working on different aspects of e-waste management. 19. The college has conducted Energy Audit, Green Audit, and Biodiversity Audit. Collection of Biomedical Waste is done periodically. 20. E-waste management, Biodegradable Urban Waste management are done regularly. 21. Use of renewable energy is promoted.

#### 7.2 – Best Practices

##### 7.2.1 – Describe at least two institutional best practices

1. Title of Practice: Use of Electronic and Computer Technology in academics and administration Every department of the college has received laptops and projector for conducting lecture, practical sessions and seminars. Internet facility is provided to all departments of the college. College website is developed for presenting activities of college related to academics, administration, research and student support services Use of Google Apps for Education for online quiz, filling up forms, making spreadsheets and power point presentations etc. Online examination software Quiz Fire is used by Department of Electronic Science to conduct internal examination. Library makes use of advance technologies to access online reference databases • Teachers and students have direct access to INFLIBNET facility of UGC • Web OPAC - Adequate provision of computers has been done to refer OPAC with proper instructions. • Institutional Repository is developed by the library to portrait the institutional data The college has digital library through which the staff and students get easy access to e-material. Digital record room enables the administrative staff to maintain the records and helps easy and quick access of records. Virtual classroom: virtual classroom facility is made available with online audio-video recording system, enabling interactive sessions with eminent professors and scientists. Digital classrooms: In digital classroom 'Mi board' is installed which enables to teach interactive sessions including audio-video,

drawing objects, recording lectures. The college has installed five digital classrooms. Wi-Fi connectivity on college campus Mobile jammer in Library Reading hall ICT in sports : Live matches are recorded and those are replayed in Gymkhana department for the players to learn the tactics, to understand and avoid the mistakes during play and to improve their performance. ICT in Languages: Independent Language laboratory with necessary software ICT In Social Sciences: Collection of educational videos ICT in Geography : GIS mapping ICT in Commerce : SPSS , Tally ICT in Sciences Most of the advanced instruments in laboratories are aided with Computer and internet facility Dedicated Bioinformatics laboratory for bioinformatics study Mathematics and Statistics laboratories are equipped with advanced software such as Metlab, 'R' Software, Algorithm software, Problem solving software, Modeling and simulation software Animation laboratories have software such as Maya, Flash, Adobe Acrobat, photoshop.

2. Title of Practice: Green Campus Initiative ? Green Audit : College consulted Dr. Sunil D. Kulkarni for quantifying the green house gas (GHG) emitted on the campus. The green audit report is prepared by adhering to the standards provided by ISO/DIS 14067, 2012. The GHG quantification is done in terms of carbon foot prints (CFP). The carbon foot prints are expressed as Carbon dioxide equivalents (CO<sub>2</sub>e). Twenty nine departments of the college were audited for the emission of GHG directly or indirectly. ? Biodiversity audit : The Biodiversity audit was conducted for our college. The report of "Biodiversity Assessment of Modern Educational Campus, Shivajinagar" was submitted to College authorities. The study was conducted as a rapid biodiversity survey and systematic photo-documentation as per the directives given by the Principal, Modern College of Arts, Science and Commerce Pune-05. Hence present study can be considered as a snap-shot of biodiversity of the Modern Educational Campus area. Systematic documentation coupled with measures for enhancement and protection will prove to be a prudent step towards 'environment protection and green initiative. The site visits and the collected database showed following key findings for the Biodiversity Assessment of Modern College Pune. Biodiversity study mainly refers to the assessment of biodiversity of Modern college campus. This has also been referred to as survey of Modern Educational campus Key findings : i) A total of 107 species of flora were observed during the biodiversity survey of the Modern Educational Campus. ii) 13 species of birds were observed during the survey. iii) 10 species of butterflies were seen. iv) 2 species of mammals, 1 amphibian specie and 1 mollusc species was recorded. v) 3 IUCN listed species of conservation significance were recorded in the survey. Results : The results of the biodiversity survey are as following: i) The campus demonstrated the presence of more than 15 species of flora which have been listed under the IUCN Red list. ii) Out of these 15 species of plants, 3 species, namely Pterocarpus marsupium (Bibala), Santalum album (Chandan) and Jacaranda mimosifolia (Neelmohar) are listed under the Vulnerable Category of IUCN Red list. iii) On similar lines, 11 bird species, 2 mammal species and 1 amphibian species have been listed under the IUCN Red list. ? Nameplates on trees. Trees are an integral part of human life. To create awareness among people about botanical name, common name, plant family and significance of these trees we have undertaken a program to label the road side trees near college campus. Nearly 800 tress along the road sides of J.M. Road, F.C. Road, Modern college Road were identified and nameplates were displayed on tree trunks. Biomedical Waste Disposal : Biomedical waste generated by life science departments of our college is collected periodically by the PASCO Environmental Solution Pvt. Ltd. for its proper disposal. Our college has signed MoU with the firm. This company is registered with Pune Municipal Corporation to treat biomedical waste by various treatments. The company has issued a certificate to that effect for the period 3/12/2014 to 2/12/2015. ? e-waste Management From 2012 Department of Electronic Science has set in motion the issue of e-waste management. Due to advancement in technology, number of electronic gadgets are manufactured and marketed. These

products become outdated after few months. Due to less utility these products are discarded and updated versions are adopted. Since these products contain some kinds of hazardous materials such as lead, zinc, lithium batteries, tin etc. Improper disposal of these products is dangerous for living beings. Therefore management of e-waste is very important issue. e-waste management can be done by number of ways such as reduce, reuse and recycle. Our college has therefore taken lead and had organized a national conference 'Hazardous e-Waste Management' on the same topic. Thus contributing to creating awareness in the society and minimizing the hazardous effects of e-waste. Furthermore, our college also conducted a campaign in rural area and Pune city area. A survey is carried by NSS volunteers in the village Phulgaon. A rally was organised in this village and volunteers visited the families to explain concept of e-waste management and collected the data. Students from T.Y.B.Sc. carried out survey for e-waste management through college research scheme of 'Yuva Sanshodhak'. It is proposed to establish e-waste collection and systematic disposal process through Post Graduate research centre in Electronic Science. ? Biodegradable Urban Waste management Since January 2010, Department of Zoology is conducting the Integrated Vermitechnology Training Course (IVTC) in collaboration with a renowned organization 'INORA' (Institute of Natural Organic Agriculture), Pune.

Two batches are conducted per year. Students and general citizens enthusiastically participate in this training course. ? Use of Renewable Energy

Two solar panels with 1 KW capacity have been installed at roof top. Using these solar panels we are lighting 25 lamps which are installed in staircase of East wing and 12 lamps in principal's office. The backup of this system is about 6 hours per day. Solar Distillation Plant having distillation capacity 25 lit. per day is also installed. ? Microscale experiments in Chemistry

The Department of Chemistry is practicing microscale technique in Analytical Chemistry Practicals. For this purpose special glassware are procured such as Pasteur pipette, Hickman Head, Hirsch funnel and Special microscale methods such as double burette titration are adopted. This method reduces the volume of solutions required to about one fourth of that in the traditional method. ?

Energy audit: Energy Audit of consumption of electricity in the College was entrusted to 'Enrich Consultants' Pune. The objectives of the audit includes study the energy consumption pattern of the facilities, identify the areas where potential for energy/cost saving exists and prepare proposals for energy/cost saving along with investment and payback periods. We have implemented no cost and low cost recommendations according to the guidelines given in Save Energy Program of MEDA. Energy Audit also gives focused attention to energy cost and cost involved in achieving higher performance with technical and financial analysis. The best alternative is selected on financial analysis basis. Following Energy Efficiency Improvement measures were implemented by the college.

- o Automatic Power Factor Correction systems were installed for main building, east wing and administrative building.
- o Energy Saver Circuits were installed for old air conditioners
- o Replacing Conventional Ballasts for Fluorescent Tube Lights (FTL) with Electronic Ballasts
- o Replacing Tube Lights (FTL) with LED Tube Lights
- o Providing Solar PV system for part load operations during day time
- o Total savings during the energy audit is estimated at 10.10 Lakhs which is 23 of the total energy cost with an overall payback period of 3 Years.
- o Rain water harvesting
- o Sewage treatment
- o Biogas plant near canteen
- o Digital herbarium
- o Animal dissection simulation
- o Zero garbage campus
- o e-Governance
- o Digital library

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

<http://moderncollegepune.edu.in/internal-quality-assurance-cell-igac/best-practices/>

### 7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

7.3 Institutional Distinctiveness • Being a responsible educational institute and an inculcation towards the social wellbeing, social work, our institute has taken certain initiatives to focus on this area and to work for the source of power of our country. • The college has constituted Value Based Education Committee to get help of Indian ancient heritage gifted to modern world. • The committee mainly focuses on the Yoga, Meditation, learning of value based education, mental health, social health and mind development. • Various Yoga and Meditation courses are conducted for the students and neighboring society. • Coordination of mind-body and soul is the main objective of this committee. • Stress handling, students' psychological wellbeing, mental health, physical health and mind control are some of the techniques which are taught to the students and the society through the activities of this committee. • Many expert guidance sessions, workshops and seminars are conducted under this committee which has helped the staff and students in their overall development. • The incoming students of the college are undergone mandatory Physical Examination test and medical test every year. • One of the innovative practice initiated by our college under Value Based Education Committee is conduction of Psychological Wellbeing test of all the incoming students of the college. • This test is developed by the staff members of our college, in which one questionnaire is designed based on the parameters such as • The students are asked to fill and submit the questionnaire initially by offline method and now by online way. • The students data collected used to be analyzed manually by the teachers who developed the questionnaire. Currently, the data analysis software is developed through which the data is analysed using the developed software. • The reports are analysed based on the defined parameters and the parents and students are given personal counseling with respect to the identified problem. • It is been observed that the students shortlisted by this test are suffering with some disorders which are communicated to their parents and special counseling sessions are conducted for such students in consultation with their parents. • As a success to this activity, many students average percentage of the test is seen increased since the implementation of this scheme. • The College provides free psychological counseling to the students and to the neighborhood community. • Pre-marital counseling sessions are conducted for the girl students of the college, free of cost. • Career counseling camps are organized by the college for the students of the college and to outside students as well. • Free yoga and meditation classes are conducted by Value Based Education Committee for the neighborhood community ladies. • The students are given free Heartfulness Meditation guidance by the Value based Education Committee. • Another innovation by the college towards the mental wellbeing of staff and the students is, the college has installed meditation points in every department, library, administrative office and students pavilion for mental relaxation.

Provide the weblink of the institution

<http://moderncollegepune.edu.in/internal-quality-assurance-cell-igac/institutional-distinctiveness/>

### 8.Future Plans of Actions for Next Academic Year

Future Plans for Academic year 2020-21

1. To prepare a single report for the data collection from all the Departments w.r.t. AQAR, Annual Report, Academic Audit, NIRF, AISHE
2. To prepare the academic calendar and examination calendar for the year 2020-21
3. To upgrade the bandwidth of internet connection from 50 mbps to 100 mbps
4. To plan for online teaching for the classes
5. To design the strategies and policies for online teaching learning
6. To establish a model for conduction of online lectures

i. To conduct LMS revision sessions for the

teachers ii. To enable the laptops/mobile phones of staff for wi-fi connectivity  
iii. To conduct computer awareness teachers training for the teacher iv. To  
develop MOOC courses for the staff members 7. Planning of e-content development  
8. To offer MOOC courses to students as per the syllabus framework, select the  
course wise mentors. i. SY BA and BCom : Value based education and personality  
development ii. SY Bcom : Tally iii. BBA CA : MOOC, Digital Marketing 9. To  
revise the college committees 10. To plan for Academic Council, Finance Committee  
and Governing Body meetings 11. Short Term Plans i. To conduct AAA through  
external agency ii. Semester wise feedback to be taken iii. Extension Activities  
to be distributed among all students iv. Budget to be sanctioned for digitization  
of documents v. Establishment of Braille library section vi. To collect pdf files  
of reference books from all the departments vii. Zero Garbage Campus, Collection  
of plastic waste viii. Installation of speakers across the campus to play special  
ragas based on the time slot. ix. Whole campus ICT based x. Computers and  
internet facility in staff room 12. :Long Term Plans i. Adoption of 5 villages  
under Unnat bharat Abhiyan and apply for Unnat Bharat Abhiyan ii. To establish  
the Digital Science Lab iii. To establish Central Instrumentation facility iv.  
Establishment of foreign language cell v. Establishment of student facility  
center vi. Establishment/ improvement digital language laboratory vii. Website  
Phase III viii. Connecting Digital library to all department through LAN ix.  
Achieving PG College status x. Installation of flood lights through on the play  
ground xi. Replacing tube lights with LED bulbs/ tubes xii. Use of Solar energy  
for Institution