



## Yearly Status Report - 2018-2019

### 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, Off J. M. Road, Shivajinagar, Pune 411005
City/Town		Pune
State/UT		Maharashtra

Pincode	411005																								
<b>2. Institutional Status</b>																									
Affiliated / Constituent	Affiliated																								
Type of Institution	Co-education																								
Location	Urban																								
Financial Status	central																								
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: Weblink :	<a href="http://moderncollegepune.edu.in/internal-quality-assurance-cell-iqac/about-iqac/">http://moderncollegepune.edu.in/internal-quality-assurance-cell-iqac/about-iqac/</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
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<b>6. Date of Establishment of IQAC</b>		11-Feb-2004																							

## 7. Internal Quality Assurance System

### 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
Workshop on GST	01-Jul-2018 5	50
Course on Stock Market Operations	28-Jan-2019 5	67
LMS Training for teachers	09-Mar-2019 3	234
Refresher Course in Nanoscience	04-Oct-2018 21	36
State Level Conf : Changing face of International Trade	14-Dec-2018 2	100
National Conf on ICT based use of Advanced Educational Technologies in Teaching, Learning and Evaluation	11-Jan-2019 2	150
International Conference on Astrobiology	15-Dec-2018 2	120
<a href="#">View File</a>		

## 8. Provide the list of funds 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
Department of Science and Technology	FIST	DST	2019 1825	13000000
<a href="#">View File</a>				

## 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	<a href="#">View File</a>
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)	
<ul style="list-style-type: none"> <li>• Preparation of Autonomy Proposal and submission of the proposal</li> <li>• Conducted Department wise QIP workshops (Department wise AAA)</li> <li>• IQAC has taken initiatives in organization and conduction of various International, National, State level and institutional level conferences / workshops/ seminars.</li> <li>• Developed a computer lab for the visually challenged students Train the Trainers Institute, Poona Blind Men's Association.</li> <li>• Established Econtent development room and Established Modern Media Station</li> </ul>	

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**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	Achivements/Outcomes
To enhance extension activities	Rice Plantation move Successful implementation of ISR activities
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*
More ICT facilities in classes	ICT enabled classrooms and laboratories are 53. Webinars were organized and conducted in the college. Establishment of Modern Media Station and e-content development center
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 2018-19 for the consecutive Fourth year.
Digitization of office records	Initiative has been taken to develop an Institutional Web portal to capture all the data and get the reports online IQAC proposed digitization of office records and the process is initiated. Online Admission system is implemented for all the courses.
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.
Admission Process	Implementation of Online Admission process for all courses Online Payment option planning was done.
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
Enhancing Quality of Teaching and Learning	<ul style="list-style-type: none"> <li>• Implementation of Teachers Diary that contains detailed information regarding the teaching plan, execution, and recording of the day wise activities of the teacher.</li> <li>• Conduction of Departmental Academic and Administrative Audit.</li> <li>• Teachers training for use and implementation of Learning Management System.</li> </ul>
Curricular Aspects: Suggestions for addition of new courses to keep pace with the changing needs of academia and industry	1. Under Graduate Course in Bachelor of Vocational Education (B.Voc. ) in Fashion Technology and Apparel Designing under Arts Faculty is started from academic year 201819. 2. Post Graduate Research Center in Microbiology and Biotechnology has sanctioned and started in academic year 201819
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<b>14. Whether AQAR was placed before statutory body ?</b>	Yes
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Name of Statutory Body	Meeting Date
College Development Committee	06-May-2019

<b>15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?</b>	No
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<b>16. Whether institutional data submitted to AISHE:</b>	Yes
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Year of Submission	2018
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Date of Submission	20-Feb-2019
<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 three Management Information Systems viz. Vridhhi for office administration, Tally for accounting purpose and Autolib for Library Management. 1. Vridhhi :</p> <ul style="list-style-type: none"> <li>• It has online module which consists of online admission system where students fill up their admission form online and institute can get data available to use for internal purpose.</li> <li>• The offline module includes entire system the college needs to run education establishment. All departments like administration, library, fees, account and finance, examination are integrated and can work seamlessly.</li> <li>• The modules in the Vridhhi system are : <ul style="list-style-type: none"> <li>o Administration management : It is the starting point for each and every transaction which takes place in College. It is a 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.</li> <li>o Admission management :. An admission management software 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</li> <li>o Students management : It helps to manage students' data. 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.</li> <li>o Fees management : School fee collection software provides</li> </ul> </li> </ul>

clerk good interface to manage fee collection and generate receipts. Data entry done over here is reflected in student database management system as well as help to generate statistics report of pending fees and fees collected.

- o Examination management : Examination Management System 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 : Various summarized required information are available over this dashboard. 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.

2. AutoLib : Library Management System, AUTOLIB as any other Library Software 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. Barcodes are generated after Book Entry. The Software also has the option of Recording the Library Footfalls.

3. Tally ERP : Tally.ERP 9 is an endtoend solution that factors in all GST related statutory changes as and when required

## Part B

### **CRITERION I – CURRICULAR ASPECTS**

#### **1.1 – Curriculum Planning and Implementation**

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Criterion 1 - Curricular Aspects 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process All the programmes taught in the college are affiliated to Savitribai Phule Pune University and hence all departments are required to implement the syllabus prescribed by SPPU. The courses/teaching programmes are assigned to the teachers. The workload per week is assigned to teaching staff as per the norms of SPPU. The teachers prepare teaching plan based on academic calendar for each course at the beginning of the semester/term and make sincere efforts towards effective implementation using theory, practical tutorial, lab book

assignments, ICT and modern techniques. The curriculum is implemented in systematic manner through carefully prepared annual/semester timetable. Faculty members also prepare and publish useful literature in the form of handbooks, brochures, study materials and books, which help in implementation of the syllabus. Teachers conduct activities like class tests, group discussion, student seminars, power-point presentations, project presentations, problem solving sessions, orals, questions-answer methods, quizzes etc. for students to check whether the students have acquired knowledge as outlined in the objectives of the curriculum. Academic performance of the students is discussed after result analysis in every department and staff meetings. Remedial Coaching is provided for needy students. Soft Skill and life-skill programmes and add-on classes are conducted in addition to the traditional teaching methodology. Digital library is available to the students for referring eBooks, teacher's notes, question banks, previous examination question papers etc. The admission notices are put up on the college website and notice boards. The admission process is shifted from manual to online basis. Students fill on-line Student information form after seeking admission and on-line feedback forms about college and teachers at the end of the curriculum. Various programs are conducted by Value Education Committee to ensure holistic development of students. Special lectures delivered by eminent scholars on topics related to the curriculum further intensify students' learning experience. College organizes co-curricular activities such as educational tours and visits, Industrial visits, hands-on trainings, competitions, skill oriented programme, etc. for the benefit of the students. Students are associated with minor research projects and they present research projects in 'Innovation', 'Avishkar' the research competitions at University and State level. The college organizes syllabi reframing/restructuring workshops, Practical lab book design workshops, State/National/International conferences in collaboration with SPPU. Teachers are encouraged to participate in various activities like orientation programs, refresher courses, lecture series, training programmes and Faculty Development programs conducted by College, University and other institutions. Teacher's diary is maintained to record the daily workload conducted by teacher. Personality development and Technical Trainings are also conducted for administrative staff. In periodic meetings of the departments, discussions are held regarding the teaching plans and timely completion of the syllabus. Frequent meetings of IQAC cell are conducted to monitor overall performances at various level. In the term end meetings of the departments, distribution of the courses to be taught in the next term is discussed and teachers' personal timetables are prepared. The common goal of all resources is to develop human resource of high quality.

#### 1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Spoken English	-	22/07/2018	8	Helpful from the interview and employability point of view	To improve the English Speaking Skill
Nutrition and Dietetics	-	24/07/2018	10	-	To improve health related habits and skills



Career Counseling	-	14/08/2018	8	Helpful from the - employ ability point of view	-
Hindi Speaking for foreign students	-	11/10/2018	15	-	Hindi speaking skill development
Mobile App Designing	-	19/10/2018	7	Focus on Entrepreneurship	Skill oriented
Mobile repairing	-	12/10/2018	25	Focus on Entrepreneurship	Skill oriented
Biostatistics for life Science and Researchers	-	25/10/2018	35	Focus on Employability	-

## 1.2 – Academic Flexibility

### 1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
BVoc	Fashion Technology and Apparel Designing	15/06/2018
No file uploaded.		

### 1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BCA	Science	15/06/2018
BSc	Blended BioScience	15/06/2018
MA	Marathi	01/07/2018
MA	English	01/07/2018
MA	Pshchology	01/07/2018
MA	Economics	01/07/2018
MA	Geography	01/07/2018
MA	Political Science	01/07/2018
MSc	Chemistry	01/07/2018
MSc	Computer Science	01/07/2018
MSc	Biotechnology	01/07/2018
MSc	Microbiology	01/07/2018
MSc	Electronic Science	01/07/2018
MSc	Physics	01/07/2018
MSc	Botany	01/07/2018
MSc	Zoology	01/07/2018

MSc	Mathematics	01/07/2018
MSc	Statistics	01/07/2018
MCom	Commerce	01/07/2018
MCom	e-commerce	01/07/2018

### 1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	537	0

## 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
Animal Tissue Culture	21/06/2018	16
Plant Tissue Culture	10/08/2018	12
Spoken English	22/07/2018	22
Pharmaceutical Techniques	07/04/2018	44
Seed Technology	24/10/2018	35
Tally ERP 9	03/10/2018	75
Basics of Stock Trading	04/01/2019	40
Tailoring (Fashion Technology)	01/08/2018	50
Geographic Information System	07/12/2018	27
Career Counseling	14/08/2018	8
<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
BSc	Biotechnology	3
BSc	Botany	24
BBA	Business Administration	386
BBA	Computer Application	160
MCom	Commerce	48
MCom	e-Commerce	17
BBA	International Business	120
BCom	Commerce	361
MSc	Computer Science	60
BVoc	Fashion Technology and Apparel Designing	25
<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

The forms for taking feedback from stakeholders have been hosted on the website of the college. The Links are as follows From Students : About College : <http://moderncollegepune.edu.in/feedback-forms/feedback-from-students-about-college/> About Teaching and Curriculum : <http://moderncollegepune.edu.in/feedback-from-students-about-teaching/> About Teacher : <http://moderncollegepune.edu.in/feedback-about-teacher/> From Teacher : <http://moderncollegepune.edu.in/feedback-from-teachers/> From Parents : <http://moderncollegepune.edu.in/feedback-forms/> From Alumni: <http://moderncollegepune.edu.in/feedback-from-alumni/> From Employer: <http://moderncollegepune.edu.in/feedback-from-employer/> 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'. Structured feedback is taken from students online on Two aspects a) About College and b) About Teaching and Curriculum 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. A detailed analysis of the feedback revealed - i) FEEDBACK ON CURRICULUM - Since for majority of the parameters, the overall rating of each course is 'Good' and above, no suggestions regarding the curriculum have been forwarded to the affiliating University. Majority of the students have agreed that the syllabi enhance employment, skill and capability so no suggestions regarding the curriculum have been forwarded to the affiliating University. Majority of the teachers have agreed that the syllabi have well defined objectives and balance between theory and practice. ii) FEEDBACK ON OTHER ASPECTS :- a) More than 60 of the students have agreed and more than 25 of the students have strongly agreed that the overall teaching and mentoring process is excellent. A few Students have given good remarks about the college Feedback from students is received about each teacher in two ways a) Informally - by the head of each Department/ Vice Principal - to identify the barriers in the process of communication between teacher and the students. b) Formal Feedback is received Online and forwarded to Head of the concerned Department Feedback from employers has been received by the placement department. In most of the cases, feedback from parents is taken in informal manner by the head of the respective department and/or the Vice Principal/ Principal. The suggestions of the parents are communicated through proper channel for further action. Feedback from alumni is also taken in informal manner in most of the cases In case of Feedback from Teachers - Majority of the responses for Statements in Feedback Forms are 'Agree'. Suggestions of Stakeholders 1) From Teachers: a) Need for clean washrooms, classrooms and clean canteen 2) From Students: a) Need for more guest lectures and industrial visits b) Should have Semester system c) Need for more printers d) Need of extra boys washroom e) Number of Assignments should be reduced f) More encouragement and motivation from teachers is required g) Learning should be more interactive h) Remove jammers and provide wifi connection to students i) Disturbance in college premises due to external factors. ACTION TAKEN: Efforts made for improvement and addressing

issues reported in

## 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
BCom	Commerce	972	2293	955
BBA	Business Administration	264	353	256
BBA	Computer Application	264	267	237
BBA	International Business	88	198	86
MCom	Commerce	120	263	111
MCom	e-Commerce	60	24	24
BA	Arts	432	854	578
BSc	Science	375	3045	357
BSc	Biotechnology	45	1900	48
BSc	Animation	30	401	30

[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
2018	7029	1365	107	31	87

### 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	Number of smart classrooms	E-resources and techniques used
225	153	12	81	5	5

[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)

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 have been alphabetically sorted and the total number of students has been divided by the number of teachers teaching that particular class. This has been done for every division, class and course. The committee lists have been prepared and displayed. Every mentor has been issued special report cards, printed for recording student information. The

cards have been divided into 3 sections. Section A has the basic information of the student like name, address, phone number, e-mail, class, division, subjects opted, practical batches and for students staying in hostels, the phone number of the rector. Section B has medical history viz. blood group, allergies, surgery information, details about family doctor. 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 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. Responsibilities of Mentors : 1. To monitor the attendance of the mentee students 2. To keep the track record of the student and pass it on to the next years mentor 3. To follow up with their daily activities w.r.t. completion of work, performance in practical sessions, etc. 4. To follow up with the students examination related activities, his / her examination form status, progression. 5. To review his/her academic status 6. To focus on the learning outcomes of the student 7. To understand the basic difficulties of the student (if any) and get those resolved 8. To identify the skills of the student w.r.t. his / her co-curricular and extra-curricular activities and support them to strengthen the activities 9. To focus on his / her personal problems (if any) and assist them to get those resolved 10. To be in touch with the parent of student and plan for the overall development of the student 11. To maintain the medical history of the mentee student and keep it updated. Take care of the student in case of any medical emergency 12. To follow up with the student w.r.t. his / her continuous assessment/ evaluation 13. To plan counseling sessions for the students for career counseling, psychological counseling, personal counseling, overall development of the student, etc 14. To promote the student to undergo various skill oriented courses, add-on courses and provide guidance to them w.r.t. these courses 15. To assist students to get the internships and field work

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
8394	225	1 : 37

## 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
231	211	20	20	4

### 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
2018	Dr. R. S. Zunjarrao	Principal	'Leadership Excellence Award' by Rotary Club, Shivajinagar, Pune.
2018	Dr. R. S. Zunjarrao	Principal	Visionary Leadership award by Olympiad
2018	Dr. R. S. Zunjarrao	Principal	Pune Shikshak Gaurav Leadership Puraskar
2019	Dr. Shubhangi Puranik	Assistant Professor	Best Student Development officer by SPPU
2019	Dr. Nisha Bhandare	Assistant Professor	Best NSS Team Leader Award by

			SPPU
2019	Dr. Rupesh Bansode	Assistant Professor	Excellence AIAC Award 2019
2018	Prof. Vikram Phale	Assistant Professor	Pune Shikshak Gaurav Puraskar
2018	Dr. Shubhangi Puranik	Assistant Professor	Best Teacher Award by Progressive Education Society
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## 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	BA	First	27/03/2019	27/06/2019
BCom	BCom	First	22/03/2019	22/06/2019
BSc	BSc	First	05/04/2019	25/07/2019
BSc	BScCSI	First	20/03/2019	24/06/2019
BCA	BCASc	First	20/03/2019	15/05/2019
BBA	BBACA	First	08/04/2019	10/06/2019
BSc	BScBT	First	20/03/2019	11/05/2019
BSc	BScBld	First	20/03/2019	22/04/2019
BSc	BScAni	First	20/03/2019	03/06/2019
BVoc	BVocFT	First	20/03/2019	24/06/2019
<a href="#">View File</a>				

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Continuous Internal Evaluations are applicable to Science faculty only. For Arts and Commerce Faculty, for all the 3 years, one internal examination of 60 marks is conducted in semester 2, which is then converted to 20 internal marks. Evaluation pattern of undergraduate courses of Arts and Commerce faculties is conducted as per 80:20 pattern. Science Faculty : As college affiliated to Savitribai Phule Pune University, continuous internal assessment is carried out as per university rules. For First Year, one internal examination per semester is conducted of 10 marks each. The total internal evaluation is of 20 marks. For Second and Third Year: 40:10 pattern of is followed. However, all the post graduate courses are having Choice Based Credit System (CBCS), are evaluated by continuous internal assessment with 50:50 pattern. This is achieved through by different ways of assessment which include test based on Multiple Choice Questions, tutorial, practical, surprise test, home assignment, referencing of research papers, seminar, industrial visits, Field Visit, training course, viva-voce, group discussion, etc. as a part of internal assessment in each semester. The practical courses are evaluated (for internal assessment) by varieties of ways which include Submissions, viva, field work (in some cases), students' performance, lab books, etc. Marks of internal examinations are submitted to the university by online method in given time duration at end of the semester. For project course, the internal evaluation is done based on the submission made by the student at various stages of the project.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Academic calendar for the academic year 2018-2019 was prepared by considering the proposed examination schedules provided by Savitribai Phule Pune University. All the examinations in the academic year 2018-2019 were conducted by adhering to this academic calendar. The examination forms for Term I and Term II were filled online by the students through the link provided by University in August-September 2018 and January- February 2019 respectively. The Term I and Term II internal theory examinations for undergraduate courses were conducted as per the academic calendar of the college in last week of September 2018 and third week of February 2019 respectively. As we run the post graduate courses by 'Choice Based Credit System', the internal evaluation of these courses was accomplished by continuous internal evaluation process. The Term I and Term II external theory examinations for undergraduate, post graduate courses were conducted as per the time table provided by the University in October-November 2018 and March-June 2019 respectively. The annual practical examinations of the UG and some of the PG courses were conducted in the month of March and April 2019 respectively as per the schedule provided by the University. However, for those PG courses having semester wise practical examinations in their syllabus, the practical examinations were performed accordingly. Kindly refer the following link to visit the academic calendar of the college for the year 2018-2019. <http://moderncollegepune.edu.in/internal-quality-assurance-cell-iqac/about-iqac/>

**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/internal-quality-assurance-cell-iqac/learning\\_outcome/](http://moderncollegepune.edu.in/internal-quality-assurance-cell-iqac/learning_outcome/)

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
BCom	BCom	Commerce	307	172	56
BScStats	BSc	Statistics	36	31	86.11
BAEco	BA	Economics	52	48	92.31
BScCs	BSc	Computer Science	159	88	55
BScAni	BSc	Animation	27	27	100
BSCBT	BSc	Biotechnology	50	48	96
BBA	BBA	Business Administration	156	124	79.71
BBACA	BBA	Computer Application	158	102	65
BBAIB	BBA	International Business	41	36	87.8
MCom	MCom	Commerce	85	61	71.76

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## 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/feedback-forms/>

## CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

### 3.1 – Resource Mobilization for Research

3.1.1 – 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
Major Projects	1095	ISRO, Govt. of India	1450000	200000
Major Projects	1095	MOeF	3382735	0
Major Projects	730	UGC	335000	0
Minor Projects	730	BCUD, SPPU	275000	46922
Minor Projects	730	BCUD, SPPU	275000	0
Minor Projects	730	Sakal India Foundation Research Fellowship	20000	0
Minor Projects	730	BCUD, SPPU	180000	40331
Major Projects	730	CUD, SPPU	180000	0

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### 3.2 – Innovation Ecosystem

3.2.1 – 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
Introduction to IP laws by Adv. Paresh chinchole	Department of Biotechnology	20/07/2018
Copyright by Adv. Paresh chinchole	Department of Biotechnology	21/07/2018
Patent law Introduction	Department of Biotechnology	27/07/2018
Patentability and subject matter by Adv. Paresh chinchole	Department of Biotechnology	28/07/2018
Subject matter criteria, Novartis vs UoI by Adv. Paresh chinchole	Department of Biotechnology	03/08/2019
Patenting procedure by Adv. Paresh chinchole	Department of Biotechnology	10/08/2019
Opposition, Revocation, Patenting biosimilars by Adv. Paresh chinchole	Department of Biotechnology	11/08/2018
Enforcement of IPR, Introduction to TM by	Department of Biotechnology	31/08/2018



Adv. Paresh chinchole		
Trademarks by Adv. Paresh chinchole	Department of Biotechnology	01/09/2018
Gmos Patents by Adv. Paresh chinchole	Department of Biotechnology	08/09/2018
Importance of IPR-Indian Persepective- by Dr. Ganesh Hingmire	IPR Cell	27/12/2018
Innovation in Entrepreneurship- by Adv. Rajendra Ladkat	IPR Cell	27/12/2018

### 3.2.2 – 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
Best Researcher	Dr. Vasant Kulkarni	Royasmi Mission Award	26/01/2019	Other
Best College Project Teacher	Prof. D.B.Gaikwad	Savitribai Phule Pune University	09/02/2019	University
<a href="#">View File</a>				

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

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Film Making and 2D Animation	Film Making and 2D Animation	Modern College of Arts, Science and Commerce, Pune 5	Film Making and 2D Animation	To establish a film and animation studio	04/01/2019
Plant Tissue Culture	Plant Tissue Culture	Modern College of Arts, Science and Commerce, Pune 5	Plant Tissue Culture	To cultivate plant tissue culture	07/09/2018
Animal Tissue Culture	Animal Tissue Culture	Modern College of Arts, Science and Commerce, Pune 5	Animal Tissue Culture	To cultivte Animal Tissue Culture	06/12/2018
Vermiculture	Vermiculture	Modern College of Arts, Science and Commerce, Pune 5	Vermiculture	To provide consultancy to establish Vermiculture unit in Housing societies	19/07/2018
Fashion Technology	Tailoring and Dress Designing	Modern College of Arts,	Tailoring and Dress Designing	To help students to start their	23/06/2018

		Science and Commerce, Pune 5		own business	
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### 3.3 – Research Publications and Awards

#### 3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

#### 3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
Department of Botany	1
Department of Chemistry	2
Department of Political Science	1
PGRC Commerce	1
PGRC Economics	1

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

Type	Department	Number of Publication	Average Impact Factor (if any)
National	Business Administration	1	5.2
National	Commerce	5	5.2
International	Biotechnology	3	5.4
International	Chemistry	5	3.6
International	Computer Science	1	3.3
International	Electronic Science	1	0.22
International	Mathematics	1	5.87
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#### 3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
Botany	1
Computer Science	2
Animation	1
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#### 3.3.5 – 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
Cultivation And Evaluation	Sharad Goswami	International Journal of	2019	0	Department of Biotechnology,	0

Of Pleurotus Sajor Caju Antimicrob ial And Ph ytochemica l Properties		Pharma and Bio Science			Modern College of Arts, Science and Commerce, Shivajinag ar, Pune-4 11005, Mah arashtra, India.	
Anticancer , Antimicr obial and Phytochemi cal Properties of Cathara nthus roseus	Sharad Goswami	Internatio nal Journal of Pharmacy and Biological Sciences-I	2019	0	Department of Biotech nology, Modern College of Arts, Science and Commerce, Shivajinag ar, Pune-4 11005, Mah arashtra, India.	0
Kinetics and Thermo dynamic Study of Uptake of Pb2 by Sul phonated Biomass of Stalks Pru nuscerasus .	A.A. Kale 1 P. R. Mohite2	Current Pharma Research	2019	0	Modern College of Arts, Science and Commerce, Shivajinag ar, Pune 411005, India	0
DSPACE A Pathway to Digital Library	Dr. Philomena Fernandes Anjali P. Navalkar	A Multi Di sciplinary Peer Reviewed Research Journal	2018	0	Modern College of Arts, Science and Commerce, Shivajinag ar, Pune 411005, India	0
Comparativ e study on Zinc Oxide nanocrysta ls synthes ized by two precip itaton methods	Dr. M. R. Bodke	Journal et al/Ceramic a	2018	60	Department of Electro nics, Modern College of Arts, Commerce and Science, S hivajinage	10

					r, Pune-5, M.S., India	
Agreement among Experts Perceptions with Respect to Gynaecology Disease Diagnosis using Fleiss Kappa	Dr. Anjali Sardesai	Dnyanmayo Interdisciplinary Research Journal	2018	24	Department of Computer Science, Modern College of Arts, Science and Commerce, Shivajinagar, Pune 411005, India	0
Synthesis, Characterization of polyaniline-SnO <sub>2</sub> composite for volatile organic compounds	Prof. P. S. Varade	international Research Journal of Innovative Knowledge Concepts	2018	0	Modern College of Arts, Science and Commerce, Shivajinagar, Pune 411005, India	0
Fuzzy Logic Based Simulations of Gynaecology Disease Diagnosis	Dr. Anjali Sardesai	Springer International Publishing AG	2018	24	Department of Computer Science, Modern College of Arts, Science and Commerce, Shivajinagar, Pune 411005, India	6
Ti(IV) doping: An effective strategy to boost Lewis acidic performance of ZnO catalyst in fluorescein dye synthesis	Dr. Sachin Sakate	Catalysts Communication	2018	207	P. E. S. Modern College of Arts Science Commerce Shivajinagar Pune 5	1
Selective N-acetylat	Prof. R. M. Jagtap	Journal of Molecular	2018	25	P. E. S. Modern	4

ion with concurrent S-oxidation of o-amino thiol at ambient conditions over Ce doped ZnO composite nanocrystals	Catalysis		College of Arts Science Commerce Shivajinagar Pune 5
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3.3.6 – 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
Doping effect on the local structure of meta magnetic Co doped Ni/ NiO:GO core shell nanoparticles using X-ray absorption.	M. R. Bodke	Royal society of Chemistry	2019	4	3	Department of Electronics, Modern College of Arts, Commerce and Science, Shivajinagar, Pune-5
Influence of Gd Substitution on Different Properties of ZnO Nanoparticles	T. B. Sonawane	IOSR Journal of Engineering (IOSRJEN)	2018	8	8	Department of Electronics, Modern College of Arts, Commerce and Science, Shivajinagar, Pune-58
Dr. Ambedkar's thoughts on education	T. S. Inamdar	Research journey International E-research journal	2019	0	0	Department of Political Science, Modern College of Arts, Science and Commerce, Pune 5
Production	Dr. Shilpa	Journal Of	2018	8	8	Department

, characterization, and applications of bioemulsifiers (BE) and biosurfactants (BS) produced by Acinetobacter spp.:	Mujumdar	Basic Microbiology				of Microbiology, Modern College of Arts, Science, Commerce, Shivajinagar, Pune, Maharashtra, India.
Affinity chromatography purification and partial characterization of D-galactose binding lectin from seeds of Jatropha curcas l.	Prof. Rama Phadake	International journal of Pharmaceutical Sciences and Reserach	2019	0	0	Department of Biotechnology, Modern College of Arts, Science and Commerce, Pune 5
Fuzzy Programming technique with new exponential membership function for the solution of multiobjective transportation problem.	Pooja Patratne	Journal of Fuzzy Mathematics	2019	0	0	Department of Mathematics, Modern College, Shivajinagar, Pune - 411005. Maharashtra, India.
Fuzzy Programming technique with new exponential membership function for	Pooja Patratne	JETIR Journal of Emerging Technologies and Innovative Research	2019	0	0	Department of Mathematics, Modern College, Shivajinagar, Pune - 411005. Maharashtra, India.
Changing trends in E-commerce	Namrata Sameer Gadgil	International Journal of Computer research	2019	0	0	Modern College, Shivajinagar, (Business

		Technology				Administration Campus)Pune - 411005. Maharashtra, India. namrata.gadgil@gmail.com
Kinetics and Thermodynamic Study of Uptake of Pb <sup>2+</sup> by Sulfonated Biomass of Stalks <i>Prunus cerasus</i>	A.A. Kale 1, P. R. Mohite 2	Journal of Current Pharma Research	2019	0	0	P. G. Department of Chemistry, Modern College, Shivajinagar, Pune
Alert Mechanism for Early Detection of Asthma Attack using Sensors and Fuzzy Controller	Dr. Anjali Sardesai, Prof. Shamkant Deshmukh 2	International Journal of Research and Analytical Reviews (IJRAR)	2019	3	0	Department of Computer Science, Modern College of Arts, Science and Commerce, Shivajinagar, Pune 411005, India
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### 3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	7	18	15	0
Presented papers	10	12	0	0
Resource persons	0	3	1	0
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### 3.4 – Extension Activities

3.4.1 – 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

Road Safety Awareness Campaign	Maruti Suzuki and NSS5	5	60
Anti Tobacco Activity	NSS Unit and TATA Group	5	40
Legal Awareness	NSS unit	5	100
Eradication of Drugs	NSS unit	8	50
Sankalp Lecture Series	NSS unit	4	27
Paddy Plantation	NSS unit	20	1200
Awareness of Customer Rights	NSS unit	1	15
Workshop on Road Safety	NSS unit in collaboration with Pune Police	5	90
Participation in Organ Donation Awareness Rally	NSS unit in collaboration with Pune Municipal Corporation and B. J. Medical college	1	130

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3.4.2 – 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
NSS Leadership	Best NSS Team Leader Award by SPPU	Savitribai Phule Pune University, Pune	350
Student Development	Best Student Development officer Award	Savitribai Phule Pune University, Pune	240
NSS	Appreciation Award	Savitribai Phule Pune University, Pune	350
Accessible Website	Best Accessible Website	Ministry of Social Justice and Empowerment, Govt of India	55

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3.4.3 – 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 activities	Number of students participated in such activities
Swachh Bharat	NCC Unit	Guest lecture on Plastic Waste Management	15	300



Aids Awareness	NSS HIV Cell Pune	HIV AIDS Awareness	8	175
Health Awareness	NSS HDFC Bank	Blood Donation Camp	8	175
Swatchh Bharat	NSS and Pune Municipal Corporation	River Cleaning Drive	1	85
Health Awareness	AISSPMS College, SPPU and Modern College, Pune 5	Anti Drugs Workshop	0	4
Swatchh Bharat	NSS and SPPU	River Cleaning Drive	2	150
Social Awareness	NSS Unit	Street Play on Social Activities	5	170
Social Awareness	Modern College, Pune 5	Yuva Prerana (Kargil Shauryagatha)	50	300
Swatchh Bharat	NSS Unit	Tree Plantation	4	25
Road Safety Awareness	Maruti Suzuki and NSS	Road Safety Awareness Campaign	5	60
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### 3.5 – Collaborations

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

Nature of activity	Participant	Source of financial support	Duration
Research	Students	Blue Marble Space Institute of Science USA	2
Student Exchange	B.Sc. Blended Bioscience Students	University of Menbourne, Australia	10
Student Exchange	Amruta Yadav	Government of Maharashtra (Under NSS )	365
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3.5.2 – 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
National	Meteorology, student project	IITM, Pune	15/06/2018	30/04/2019	Department of Physics

National	Nanotechnology, student project	C-MET, Pune	15/06/2018	30/04/2019	Department of Physics
National	To conduct training sessions	Quickheal Technologies Pvt Ltd	15/06/2018	30/04/2019	Department of Computer Science
International	Conduction of workshops, job interviews for German Students	PASCH, Goethe Institut Pune	15/06/2018	30/04/2019	Prof. Sneha Mahajan, Department of German
National	To conduct online program for students under EDU SAT	ISRO JIBS	15/06/2018	30/04/2019	Prof. Barnali Das, Department of Geography
National	Skill Development for girl students-GST	SPPU, Pune and ICAI, Pune Branch	01/07/2018	30/04/2019	Department of Psychology
National	Career Counselling	ICAI, Pune Branch	01/07/2018	30/04/2019	Department of Computer Science
International	Reviewer	International Journal of Applied Soft Computing, Elsevier	15/06/2018	31/05/2019	Dr. Kalyani Salla
International	Reviewer	International Journal Of Environmental Impact Assessment and Review, Elsevier	15/06/2018	31/05/2019	Dr. Kalyani Salla
International	Reviewer	International Journal of Neural Computing and Application, Elsevier	01/06/2018	31/05/2019	Dr. Kalyani Salla
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3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
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Modern College of Pharmacy, Nigadi	07/07/2018	Research and Academic activities	21
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## 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
5600000	2411350

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Newly Added
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Newly Added
Video Centre	Newly Added
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### 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 partially)	Version	Year of automation
AutoLib	Fully	AutoLib NG	2020

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	29613	184558526	694	10167887	30307	194726413
Reference Books	56196	11426251	1830	1646156	58026	13072407
e-Books	870000	30450	0	0	870000	30450
Journals	109	89374	33	29788	142	119162
Digital Database	1	30450	0	0	1	30450
CD & Video	243	79458	0	0	243	79458
Library Automation	1	16000	0	0	1	16000
Weeding	19625	1152619	0	0	19625	1152619

(hard & soft)						
Others (specify)	2	4540	0	0	2	4540
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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. Vaishali Bhoite	Value Based Education	MOOC	12/09/2018
Dr. U. R. Wayse	F Y B Sc Botany Paper I Plant Diversity I Sem I	Google	12/07/2018
Dr. U. R. Wayse	F Y B Sc Botany Practical I Sem I	Google	22/11/2018
Prof. Hari Pagire	Wire removal VFX tutorial	Google	12/09/2018
Prof. Hari Pagire	Stereo scopic conversion.... VFX Tutorial	Google	15/11/2018
Prof. Hari Pagire	Create smoke from partical... VFX Tutorial	Google	20/12/2018
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#### 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	590	15	127	1	1	1	24	0	0
Added	6	0	0	0	0	0	0	0	0
Total	596	15	127	1	1	1	24	0	0

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

50 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 Center	<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
34246758	32006895	9030000	4638078

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, provide link)

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	10	50000
Financial Support from Other Sources			
a) National	Institutional Social Responsibility	547	1528060
b) International	Institutional Social Responsibility	15	170000
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### 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
Event Name: GTT (Global Talent Track Training)	11/08/2018	58	GTT.Barclays
Aarohan (cultural fest)	22/02/2018	300	Guest Speaker- RJ ShonaliRanade
Foreign Language- German, French, Spanish, Chinese Japanese,	11/02/2018	24	SPraj Institute of foreign languages- Pune
IB -Exhibition -Local to Global	20/08/2018	170	Department of BBA(IB)
ComFest	04/01/2018	250	Commerce Dept
EVS Exhibition	19/09/2018	300	Commerce Dept
Mission Sahasi	06/12/2018	150	ABVP
Entrepreneurship development cell report	06/12/2018	100	MCED
Banking Exhibition	27/09/2018	200	Commerce Dept
HR Intervention Session	10/01/2019	300	GTT.Barclays
<a href="#">View File</a>			

### 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
2018	Guidance for	38	38	3	0

	NET SET Workshop				
2018	Guidance For MPSC Examination	50	50	1	1
2018	Guidance for SSC-CGL Examination	20	20	0	0
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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
0	0	0

## 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
37	1182	81	28	691	33
<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	Department graduated from	Name of institution joined	Name of programme admitted to
2018	5	B.A. Economics	Economics	MCASC Pune 5	M.A. Economics
2018	10	B.Sc. Microbiology	Microbiology	MCASC Pune 5	M.Sc. Microbiology
2018	9	B.Sc. Mathematics	Mathematics	MCASC Pune 5	M.Sc. Mathematics
2018	7	M.Sc. Microbiology	Microbiology	1: PhD 6: not mentioned	1: SPPU 1: Bed 1: job 4: further studies
2018	25	B.Sc. Computer Science	Computer Science	MCASC, Pune 5	M.Sc. Computer Science
2018	7	B.Sc. Statistics	Statistics	MCASC, Pune 5	M.Sc. Statistics
2018	2	M.C.A. Science	Computer Science	Not mentioned	Job
2018	3	M.Sc. Chemistry	Chemistry	1: Unicame P pharmaceutical Company 2 :	1 : job 2 : further studies

				not mentioned	
2018	11	B.Sc. Biotechnology	Biotechnology	MCASC, Pune 5	M.Sc. Biotechnology
2018	4	BA English	English	MCASC, Pune 5	MA English
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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
GATE	2
NET	2
SET	1
Civil Services	1
Any Other	3
<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
Annual Sports	Inter Class	500
'Progressive Shree Modern Shree' Best Physique competition	State Level	25
Basketball (Men)	Inter Zonal	50
Badminton(Men and Women)	Inter Zonal	25
Korfball (Mix)	Intercollegiate	16
Fencing (Men and Women)	Intercollegiate	25
Hockey (Men and Women)	Intercollegiate	250
Workshop in collaboration with Cultural Affairs, Govt of Maharashtra to mark birth century of well known Marathi writers and musicians "P.L.Deshpande ,G.D.Madgulkar, Sudhir Phadke	State Level	75
Dhol Tasha Pathak: Varshik sneha samelan	College Level	56
Kala saptaha	College Level	102
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### 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	Number of awards for	Student ID number	Name of the student
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			Sports	Cultural		
2018	Bronze : All India Inter University : Cricket	National	1	0	3025117999 99	Kashmira Shinde
2018	Bronze, All India Inter Univ ersity, Kho_Kho	National	1	0	2689001000 34	Tejas magar
2018	Gold, Khelo India Pune 2019, Kho- Kho	National	1	0	4515333886 97	Benke Pranali
2018	Gold, National (40th SR N), Softball	National	1	0	2816545232 02	Swapnil Gadade
2018	Gold, National (JR), Softball	National	1	0	2212221362 60	Arti Bhalerao
2018	Gold, National (SR), Kho- Kho	National	1	0	4515333886 97	Benke Pranali
2018	Gold, Maha rashtra Shree, Best Physic	National	1	0	7669128702 63	Wasim Shaikh
2018	Gold, Federation , Cup, Softball	National	1	0	2816545232 02	Swapnil Gadade
2018	Silver, National (SR), Softball	National	1	0	2816545232 02	Swapnil Gadade

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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

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. NayanaJ.Kulkarni Vice-Principal Treasurer 4 Dr. SanjeevaniK.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. AbhaykumarM.Lalwani Business Member 10 Mr.SanjayS.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 enrolled Alumni:

1000

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

23000

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.
- 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)?

Partial

## 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
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. • College uses Vridhhi 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. • In 2018-19, 100 admissions are through online mode.</li> <li>• 100 Online Payment option for the payment of admission fees. • The</li> </ul>

college prospectus is available on college website. • For some of the courses, the entrance tests are conducted for the admission process. • Provision of installment option for payment of fees

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 promotes industry interaction with various institutions, corporate and local industries. Department of Zoology and Biotechnology : NCCS Pune, Modern College of Pharmacy, Nigdi. Botany department : Modern College of Pharmacy, Nigdi, Bharati Vidyapeeth Pune. German Department : German Institute (Max Muller Bhavan), PASCH. Dr. H.V.Ghate : University of WROCLAW, Poland. Department of English : BCL, Pune. Computer Science department : Quick Heal Technologies, Orbit Hitech Computers.

Human Resource Management

• To organize training programme/ workshops/ conferences etc for human resource development and human resource management • Use of computer technology for HR management • Regulations and norms of UGC, Govt of Maharashtra and SPPU are followed for staff recruitment. • Conducting entrance examination, classroom demonstration in addition to the formal interview. • Preference is given to those fulfilling basic requirements but also have additional qualifications. • Organizing various events, gatherings for the team building activity of staff members • Organizing various games for the staff members • Implementing various welfare schemes for the teaching and non-teaching staff

Library, ICT and Physical Infrastructure / Instrumentation

• Use of advanced technology is encouraged to make library services more effective and convenient. • Use of OPAC, Web-OPAC • Construction of additional reading hall for library • Mobile jammer in Library • Increase in number of ICT based classrooms • Providing the personal mike system to teachers • Providing the visualizers to Science laboratories • Increase in internet bandwidth to 50 mbps • All the

required equipments as per the syllabus are purchased and made available to the students • In addition to the instruments prescribed by University, advanced equipment are purchased for promoting research

Research and Development

- Establishment of Center for Promotion of research
- Successful implementation of Yuva Sanshodhak Scheme to promote research culture
- Designing of Consultancy and Patent Policy
- Continue organization of seminars and conferences
- Encouragement to teachers to undertake minor and major research projects
- Encouragement of students to participate in research competitions such as Avishkar, Innovation, etc.
- Increase in number of research centers
- 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
- Encouragement to teachers avail facility of FIP-UGC for improving and advancing their qualifications

Examination and Evaluation

- Onscreen evaluation is implemented for the paper checking.
- Provision of more options for continuous internal evaluation
- Compulsory questions on problem solving were introduced.
- Since SPPU has started online question paper system, the Examination Control room is made well equipped
- Examination Committee ensures the smooth conduct of examinations - Internal and External.
- The results of the examination are displayed and performance of the students is analyzed.
- Permanent numbering on benches in classroom for ease of seating arrangement
- Issuing of appointment letters to junior supervisors

Teaching and Learning

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:- 60 : Lecture Method (chalk and talk) 40 : LCD



	<p>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>
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. Various workshops are organized on syllabus designing, restructuring and implementation in the College. 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. To improve the curriculum delivery process various pedagogic methods are implemented by the teachers and number of demonstration experiments are introduced to get hands on training.</p>

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 for preserving the data in paperless format.</li> <li>• Online booking of assembly hall : Assembly hall booking system is made online over the internet.</li> <li>• 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 software are some of the innovative developmental things implemented in the college.</li> </ul>
Administration	<ul style="list-style-type: none"> <li>• Vridhhi ERP : The college has implemented a complete ERP system named Vridhhi. The system takes care of student management system, staff management system, online admission system, all the types reports related to student data.</li> <li>• Bulk sms system is used to send sms to staff and students</li> <li>• All staff members are given official email ids for all the official communication and are asked to use the</li> </ul>

same. • Library Automation is achieved through Autolib software and OPAC and WEB-OAPC • 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

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

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 • 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. • 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. This has helped in saving the animal life.

Examination

- 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.
- First year result is generated by the College through the ERP system.

### 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
2018	Dr. Anjali Sardesai	INTERNATIONAL Conference on Applications on IoT	-	2685
2018	Dr. Anjali Sardesai	One Day workshop on	-	545

		NAAC revised guidelines		
2018	Prof. Komal Bamdale	Workshop on Statistics	-	490
2018	Prof. Yogita Kharpude	Workshop on Statistics	-	490
2018	Prof. S. S. Thengadi	Workshop on BVoc Scheme	-	2060
2018	Dr. Sachin Sakte	Awareness Session for ARIIA	-	3776
2018	Sarika Sable	State Level Conference	-	500
2018	Prof. Sangeeta Raut	Conference	-	750
2018	Prof. S. M. Suryawanshi	Conference	-	750
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6.3.2 – Number of professional development / administrative training programmes organized by the College 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 Training Session	LMS Training Session	22/03/2019	25/12/2019	260	35
2018	Teachers Training Program on Computer Awareness	Teachers Training Program on Computer Awareness	02/04/2019	21/12/2019	12	0
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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
NCC Refresher Course	1	01/06/2018	21/06/2018	21
UGC-HRDC PUNE Refresher course in Disaster Management	1	25/06/2018	12/07/2018	21
National level	1	05/03/2018	09/03/2018	5

workshop on "Sophisticated Analytical Instrumentation for Advanced Research" funded by MHRD organized by CIF and Department of Chemistry, SPPU, Pune.				
STEM Workshop at UOM, Australia.	2	20/11/2018	30/11/2018	10
Refresher course in Nanoscience at Modern College of Arts, Science and Commerce Pune-05	5	04/10/2018	24/10/2018	21

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#### 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
22	22	19

### 6.4 – Financial Management and Resource Mobilization

#### 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 Statutory 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
SPPU, Blue Marble Space Instidute of Science USA, Pasalkar Yogesh,UGC	2845286	Avishkar Competition 2017, Workshop on Intercollegiate Competition Stat dept., International Conference Astrobiology, International Conference Astrobiology, Workshop Lab. Safety Chem, Vyapar Mela 18-19, Earn and Learn 2018-19., Community College Scheme
<a href="#">View File</a>		

6.4.3 – Total corpus fund generated

10435272
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## 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	Yes	CEDA	Yes	College Management and IQAC
Administrative	Yes	CEDA	Yes	Parent Institution, Progressive Education Society

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

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)

a. Conducted workshops on preparation for Autonomy : for HODs, Staff b. Created awareness among stakeholders about Autonomy and its advantages c. Prepared Autonomy Proposal and submitted the proposal d. Prepared the online registration form for the data collection for psychological wellbeing of student and the calculations are done through computer tool e. Implementation of Moodle system in the College (Conducting workshops, training for staff members) f. Developed infrastructural facility for e-content development as per the sanctioned plan g. Conducted Department wise QIP workshops (Department wise AAA) h. Feedback form from students about each teacher is designed and implemented i. Mentor-mentee System implemented j. Sanction of DST FIST grant of Rs. 1,30,000/-. Submission of report to DST FIST 2018 k. ARIIA proposal is submitted l. Developed Online booking system of Assembly hall m. Established Modern Media Station n. Developed one seminar hall o. Developed a computer lab for the visually challenged students Train the Trainers Institute, Poona Blind Men's Association. p. Developed accessible website q. Online registration for various course conducted r. Conduction of various need based courses in the college 2. Conducted Workshop on Autonomy of Foundation day of the College 3. Online teachers diary : Excel file is created to maintain individual teachers diary 4. Started Compulsory course for entry level students : student empowerment course

6.5.5 – Internal Quality Assurance System Details

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

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	Training for Learning Management	07/03/2019	22/03/2019	25/03/2019	225

	System to Teaching Staff				
2018	Departmental Academic and Administrative Audit	28/07/2018	20/09/2018	20/09/2018	225
2018	Workshop on Institutional Autonomy	21/04/2018	15/06/2018	15/06/2018	275
2019	Awareness lecture for Autonomy Implementation By Dr. Sameer Terdalkar	28/07/2018	28/05/2019	28/05/2019	25
2018	Awareness Session for Autonomy by Dr. Ashish Puranik	21/04/2018	24/07/2018	24/07/2018	28
2018	Awareness session for Autonomy by Dr. Pardeshi and Dr Terdalkar	28/07/2018	31/08/2018	31/08/2018	200
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## 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
A workshop on 'Gender and Sexuality Sensitization'	08/09/2018	08/09/2018	90	18
Employment oriented Mobile Trading and Repairing Course	05/09/2018	05/03/2019	11	0
Employment oriented Mobile Trading and Repairing Course	22/12/2018	22/12/2018	84	0

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	67
Provision for lift	Yes	10
Ramp/Rails	Yes	10
Braille Software/facilities	Yes	50
Rest Rooms	Yes	60
Scribes for examination	Yes	60
Special skill development for differently abled students	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
2018	1	0	20/02/2019	4	Event Name: GTT (Global Talent Track Training)	Global talent tracking system and training	300
2018	1	0	19/12/2018	1	EVS Exhibition	Environmental consciousness and awareness	300
2018	0	1	06/12/2018	1	Mission Sahasi	Role of human being as a solidure	150
2018	0	1	27/09/2018	1	Banking Exhibition	awareness about banking facilities and awareness	200
2018	1	0	05/02/2019	11	Soft Skills Development Workshop	Personality development and soft skills	50

2018	0	1	18/02/2019	2	Counseling Camp( Personal Counseling)	personal counselling to neighborhood community	55
2018	1	0	01/08/2018	84	Skill Development Course on Seed technology	seed technology training	20
2018	1	1	20/12/2018	1	one day workshop on Life Development Skills	personality development and mind mapping	50
2018	1	0	05/12/2018	1	Art of Living	Art of Living	67
2018	1	0	14/01/2019	1	Skill Development Guidance	training about skill development	56

[View File](#)

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Code of Conduct	24/12/2019	<p>The college management runs as per the defined policies. The roles and responsibilities of each and every stakeholder should be well defined and should be followed in disciplined manner to maintain the administrative working peaceful and efficient. The College Management has decided to prepare the document containing roles and responsibilities of various stakeholders, who are responsible for the smooth working of College Management are :</p> <p>Principal, Vice-Principal, Head of the Department, UG Coordinator, PG Coordinator, Teaching Staff, Non-teaching Staff and students. The document named Code of Conduct 2018-19 is</p>



prepared and published in college website. The link is : (<http://moderncollegepune.edu.in/administrati on/>).

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

Activity	Duration From	Duration To	Number of participants
Guest Lecture on 'Kriya Yoga Meditation Path on the occasion of International Yoga Day 21st June 2018 by Yogada Satsang Society of India	21/06/2018	21/06/2018	100
Book Exhibition Cum Sale by Yogada Satsang Society of India	21/06/2018	22/06/2018	750
Book Exhibition Cum Sale by Chinmay Mission, Pune	03/08/2018	04/08/2018	1000
A Guest lecture on 'Youth Empowerment' in collaboration with Zoology Department by Mr. Milind Tilak, Chinmay Mission.	03/08/2018	03/08/2018	113
Faculty Development Program on 'Principles of Teaching.	13/08/2018	14/08/2018	37
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#### 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. 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, lamphibian specie and lmollusc 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

- 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

i. To plan activities to be conducted in the academic year 2018-19 Short term :

- a. To conduct AAA through external agency
- b. To prepare for Autonomy: Budget, Credits, Syllabi, BOS, Rules and regulations, Exam Section, exam related policies
- c. Implementation of Autonomy
- d. To implement LMS at College from academic year 2019-20
- e. Request to strengthen the departments w.r.t. desktops, printers and scanners, Public Address system, personal speaker system
- f. To implement firewall
- g. Implementation of online examinations
- h. Semester wise feedback to be taken
- i. Internships and field visits to be conducted for all students
- j. Develop a routine system for library stock taking
- k. Training for office staff to use technology available
- l. Extension Activities to be distributed among all students
- m. Budget to be sanctioned for digitization of documents
- n. Establishment of Braille library section
- o. To collect the data of staff members attended conferences, seminars, workshops, etc.
- p. To Collect the data of conferences, seminars conducted in the college
- q. To collect pdf files of reference books from all the departments
- r. Zero Garbage Campus, Collection of plastic waste
- s. Installation of speakers across the campus to play special ragas based on the time slot.
- t. To install meditation booths in the campus.
- u. To develop Innovation, Incubation center
- v. Whole campus ICT based
- w. To implement Learning Management System

Long Term :

- a. Adoption of 5 villages under Unnat bharat Abhiyan and apply for Unnat Bharat Abhiyan
- b. To establish the Digital Science Lab
- c. To establish Central Instrumentation facility
- d. Establishment of foreign language cell
- e. Establishment of student facility center
- f. Establishment/ improvement digital language laboratory
- g. leave management system, stock verification/ updation / record keeping system, online approval system
- h. Website

Phase III

- i. Connecting Digital library to all department through LAN
- j. Center for promotion of research : for interdisciplinary research
- k. Achieving PG College status
- l. Planning of criteria for selection of Best Department of year award
- m. Installation of flood lights through on the play ground
- n. Replacing tube lights with LED bulbs/ tubes
- o. Use of Solar energy for Institution