Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE**
Name of the head of the Institution	**Dr. Sanjay S. Kharat**
Designation	**Principal**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**02025650931**
Mobile no.	**9011070912**
Registered Email	**kharat.sanjay@gmail.com**
Alternate Email	**iqacmoderngk@gmail.com**
Address	**Progressive Education Society's Modern College of Arts, Science and Commerce, Ganeshkhind, Pashan Road**
City/Town	**Pune**
State/UT	**Maharashtra**

Pincode	**411016**

2. Institutional Status

Affiliated / Constituent	**Affiliated**
Type of Institution	**Co-education**
Location	**Urban**
Financial Status	**state**
Name of the IQAC co-ordinator/Director	**Parag S. Shah**
Phone no/Alternate Phone no.	**02025634021**
Mobile no.	**9881313944**
Registered Email	**paragshah.8july@gmail.com**
Alternate Email	**gaurikop@gmail.com**

3. Website Address

Web-link of the AQAR: (Previous Academic Year)	https://www.moderncollegegk.org/NAAC_DATA/AQAR-2017-18.pdf

4. Whether Academic Calendar prepared during the year	**Yes**
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.moderncollegegk.org/Academic%20Calendar%202018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
3	**A**	**3.26**	**2017**	**22-Feb-2017**	**21-Feb-2022**

6. Date of Establishment of IQAC	**02-Jan-2006**

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
World Food Day	16-Oct-2018 1	147
District Level Workshop on Developing Practical Approach on use of Solar Energy	14-Feb-2019 2	38
State Level Conference on Innovative Teaching Pedagogy	22-Feb-2019 2	135
Short Term Course on Development : Exploring Dimensions under TLC of SPPU	22-Oct-2018 7	19
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8. Provide the list of Special Status conferred by Central/ State Government-UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
Dr. Vinay Kumar	Research Grant.	BCUD S P Pune University	2016 730	240000
Dr. Katade Sushma	Research Grant.	BCUD S P Pune University	2016 730	190000
Dr. Vinay Kumar	Research Grant.	SERB	2017 1095	3200000
Dr. Vinay Kumar	Research Grant.	BRNS	2018 1095	3463150
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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 :	5
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

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

Ranbhaji Mahotsav

Soft Skill Development Programme in association with industry.

Certificate Course in Vedic Mathematics.

Workshop on How to establish and strengthen counseling cell in colleges

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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
Induction programme for all first year students and Meeting with parents of first year students	Induction programme was organised for all newly enrolled studetns in Arts, Science and Commerce faculty was conducted in the first week of July 2018. Department wise Parents meets were organised in the month of July and August 2018.
Certificate course in Gender and Development jointly with Women's Studies Centre S.P.P.U.	The course was run from 22nd January to 22nd February 2019 for which 24 students enrolled.
Short Term Faculty Development Programme in association with Teaching Learning Centre, Department of Sociology, SPPU.	A seven day short term course from 22 to 28 October 2018 was organised jointly with MHRD sponsored Teaching Learning Center, SPPU and Department of Sociology, SPPU. 19 Faculty members participated in the course.
Spoken English Course in collaboration with Times of India under Teach India Campaign	Two and half month Spoken English Course starting from 17 Dec. 2018 was organiseed by the Department of English in collaboration with Times of India under Teach India Campaign. 25 final year students from Arts and Commerce faculty participated in it.
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14. Whether AQAR was placed before statutory body ?	Yes

Name of Statutory Body	Meeting Date
CDC	21-Dec-2018

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	**Yes**
Date of Visit	**22-Dec-2018**
16. Whether institutional data submitted to AISHE:	**Yes**
Year of Submission	**2019**
Date of Submission	**11-Jan-2019**
17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**'Documentation Validation and Verification Committee' (DVV) has been in place. This committee collects information from all departments in the areas of academic programs, certificate courses, major activities, achievements of staff and students, extension, research, collaborative work, seminar and workshops organized for staff and students, financial assistance given to students, remedial coaching and road map. The committee heads submit their annual activity report along with documentary evidences and photographs. A standard format of data collection is devised for systematic collection of information and the same is uploaded under three heads on the common server DVV Modules 1. 'College at a Glance' is compilation of department/Committee/office wise data annually 2. 'Scanned Documents' are the scanned copies of supporting evidence 3. 'Images': a collection of pictures taken during departmental activities along with captions We have started using 'eDocumentation' to avoid use of paper. A common server mechanism is used for this purpose. Compilation of data with regard to departmental activities, committee reports etc. are stored in it. This proves helpful in providing information to different statutory agencies. Module outcomes : 1. Paperless Documentation 2. eGovernance 3. Easy To Design A Road Map**

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

IQAC prepares academic plan of the year and forms a central time table committee which considers the directives given by the IQAC, feedback from stakeholders and prepares time table keeping in view optimum use of available infrastructure for effective implementation of academic plan. We run various UG, PG programs designed by our parent university as well as there are different Add- on courses such as Certificate, Skill based and Value added programs which are designed by our college. For the programs designed by Savitribai Phule Pune University, we follow the curriculum designed and approved by Board of Studies of the university. But for various add on programs, we design and develop the curriculum focussing employability and entrepreneurship consulting Industry Expert. Central Time table committee displays central time table on notice board and at our college website. All the programs commences after completion of On-line admission process as per the directives of Government of Maharashtra and Director of Higher Education. According to the distribution of subjects and workload, individual teachers prepare their lecture plan for the entire theory and practical course. The lecture plans are recorded in Academic Diary maintained by all the teachers. Diary contains information such as Personal time table, Academic planning, Result analysis of the subjects taught and Everyday teaching details in the classroom. All the teachers are expected to execute their course deliverables as per mentioned Teaching plan for their course. Curriculum delivery is monitored thorough this Diary by higher authorities. Teachers refer to the standard reference books prescribed by Savitribai Phule Pune University for lecture delivery. Latest research reviews of the topics are also referred for effective implementation of curriculum. Success of every teacher lies in their course content delivery effectively in the classroom. Besides the use of conventional Chalk and duster method, various other teaching methods are used for effective implementation viz. Quiz ,Group Discussion ,Demonstrations ,Debates , PPT Presentations , Role Play, Allied Projects ,Games ,Short Films, Industrial Visits, Models ,Add-on practicals ,Open book tests ,Assignments , Videos , Use of charts and graphs ,Case studies etc. Induction Program is organized by the college for the newly admitted First Year students to get acquainted with college environment. Bridge courses are also conducted by the college to bridge the gap between previous curriculum and latest curriculum. At the end of every semester, the students get assessed by conducting their Internal and External examinations. Result analysis of every course is carried out and corrective measures are suggested by IQAC and Departmental IQAC to improve students' performance. Remedial lectures are conducted to improve the slow learners. Fast learners are encouraged to opt different add on courses to improve the skills for employability. Placement cell conducts various grooming sessions for students to increase the chances of their employability and entrepreneurship. Periodically Academic review and feedback is taken from peers and students. The Higher authorities conduct weekly meetings to review curriculum implementation. Thus entire curriculum delivery is very well planned and properly documented by all the staff members.

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

Course	Date	Count	Type	Outcome
Vedic Maths	08/07/2018	19	Employability	Accurate and fast computational skills to qualify various competative examinations
Modi Script writing Course	04/08/2018	8	Employability	Learnt most important script of Medieval Maharashtra to understand unknown history
Add on Course in Soft Skills in Business Communication	20/08/2018	2	Employability	Personality Development
Spoken English Skills in Collaboration with Times of India under Teach India Campaign	17/12/2018	75	Employability	Enhanced communication skills
C programming	20/12/2018	9	Employability	Enhanced Programming Skills
Gender Development	15/01/2019	90	Entreprenuership	Gender Sensitization
Basics of Nanosciences	30/01/2019	6	Employability	Interdisciplinary course improved Analytical skills among the students

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
PhD or DPhil	Biotechnology	15/06/2018
BCA	Computer Application	15/06/2018
MPhil	Chemistry	15/06/2018
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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	Computer Application	15/06/2018
BVoc	Food Technology	15/06/2018
MSc	Computer Science	15/06/2018
MSc	Chemistry	15/06/2018
MSc	Zoology	15/06/2018
MSc	Microbiology	15/06/2018
MSc	Biotechnology	15/06/2018
MCom	Commerce	15/06/2018
MA	Sociology	15/06/2018
MA	History	15/06/2018
MA	Economics	15/06/2018

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

	Certificate	Diploma Course
Number of Students	363	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
Spoken English	16/07/2018	50
Soft Skills Development	03/09/2018	53
Development : Exploring Dimensions	22/10/2018	19
Soft Skills Development	03/12/2018	57
Modeling and simulation using MATLAB	15/01/2019	25
Certificate course in data science using Python	15/04/2019	37
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1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
MA	History	40
MSc	Computer Science	57
BSc	Computer Science	1
BSc	Biotechnology	2
BVoc	Food Technology	136
BCom	Banking and Finance	66
MCom	Commerce	88
MA	Sociology	6

BA	Psychology	30
MSc	Biotechnology	9
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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

We have developed in house Online Feedback System mechanism software. This mechanism is divided into five categories viz. Students' feedback, Parents' feedback, Alumni feedback, Teachers' feedback and Employers' feedback. Students feedback is based on two criterion overall college functioning and teaching learning process. Feedback on overall functioning of the college is based on the learning environment of the college, canteen facility, functioning of antiragging cell, counselling center, sports facility, infrastructural facilities etc. This year we have also collected suggestions from the students on curriculum and college functioning. Students have suggested for adding some of the topics in the current syllabus and also suggested to start new courses such as Defence and Strategic Management, Mathematical Economics. We have made possible compliances. Feedback on Teaching and Learning Process –Student fill the feedback form having 10 questionnaire based on teaching methods, teachers punctuality, communication skills, approach towards the students, sharing of innovative ideas and knowledge of current issues related to subject. We have emphasized on teachers use of ICT in teaching process. We collect individual teachers feedback and analyse it .The analysis is reported to the head of the institution, IQAC and Management members for corrective measures and it is communicated to the individual teacher for further improvement. Parents' feedback is based on overall development of their ward and about learning environment in the college as well as imparting value based education in their wards. We have active registered alumni association .Alumni Feedback is based on role of the college in the development of their personality, employability and academic excellence. The feedback also collects information about how the institution has helped them to acquire the life skills. Teacher's feedback is taken on their views about the curriculum provided by our affiliated university. Also their suggestions on the change in the existing curriculum related to particular course or topic is incorporated in the report to be submitted to the parent university. This will definitely help in the designing of the next curriculum which will be based on the requirement of the industrial skills and employability. Employers Feedback The feedback on the current curriculum is collected from the employers and Industry Experts to incorporate their views as per the current trends. This will definitely reduce the gap between industry and academia. It helps to reduce the training period of the students who are employed in a particular industry. This feedback will also help to develop good entrepreneurs in the society. As our feedback system is fully online, our students and stakeholders can fill the forms at any time with their own computers, mobiles under stressfree environment. Timely corrective actions are taken on the feedback of the students e.g. 1. Instructions are

given about the food to the canteen owner. 2. During the Induction Program, entry level students and their parents were informed about various facilities available on the campus like free counselling.

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
BA	All	403	540	403
MA	Economics	60	53	40
MA	Sociology	60	28	22
MA	History	60	30	18
BCom	All	664	905	664
MCom	All	120	135	108
BBA	Computer Applications	160	148	93
BSc	General	360	510	320
BSc	Computer Science	264	371	263
BCA	Science	160	140	91
BSc	Biotechnology	82	148	76
MSc	Biotechnology	48	35	26
MSc	Computer Science	60	86	58
MSc	Microbiology	48	62	48
MSc	Chemistry	48	53	47
MSc	Zoology	24	32	22
BVoc	Food Processing Technology	50	68	48
MPhil	All	18	5	5
PhD or DPhil	All	66	33	33

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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	4278	744	95	20	34

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 Toolsand resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
149	85	60	34	1	4

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

1. Every class has a Class Advisor, who notifies, helps and counsels students about various academic and administrative updates. 2. In Science Faculty every practical subject has Practical In Charge. 3. Every year College conducts Induction Program for First year students right after the admission process to acquaint them with the following topics: a) About the College, its management and its various functioning b) Examination guidelines, patterns, rules and disciplines c) Career opportunities of all courses and programs d) Value Education and its importance e) Health and stress management to cope up with the present academic and professional challenges. f) Information about all mandatory committees like Anti Ragging, Anti Sexual Harassment Cell. 4. Teachers from all faculties of the College, i.e. Arts, Science and Commerce guide Second and Third year students about the subjects of their specialization. They are enlightened about different career avenues related to their subject of specialization. 5. Teachers give one to one guidance to the Post Graduate students for their projects and assignments. 6. To polish and hone students about the current employability needs, Skill Development Workshops are conducted every year. 7. The Placement Cell of the College functions for the students to offer opportunities available through guest lectures and workshops. 8. As many students aspire to crack competitive exams, a Competitive Guidance Cell in the College also functions to mentor the young minds. 9. Many departments (Chemistry, Microbiology, Commerce, Sociology and Psychology) send students for various internship programs to give exposure to the challenging career needs. 10. Teachers motivate and encourage students to participate in various national and international conferences, seminars and attend guest lecturers in various Research Institutes. 11. Teachers help students academically not only through classroom teaching but also by offering notes, reference books, online resources and extra classes. 12. Besides academic counselling and mentoring, teachers also extend support to students through personal counselling. The college has a fullfledged Counselling Cell led by a trained professional.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
5025	149	1:34

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
150	149	1	40	47

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

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Dr. Sanjay Patil	Associate Professor	'Paryavaran Mitra Puraskar 2019' by Natural Environment Protection and Humanity Development organisation
2018	Mr. Sandeep Sanap	Assistant Professor	'Best Teacher Award' by Avishkar Social and Educational

			Foundation, Kolhapur, Maharashtra
2018	Mrs. Sneha Ogale	Assistant Professor	Paul Harris Fellow, Rotary International

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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	BA01	Third	27/10/2018	11/12/2018
BCom	BCom02	Third	11/10/2018	30/11/2018
BSc	BSc03	Third	02/11/2018	10/01/2019
BSc	BScBiotech04	Third	12/10/2018	04/12/2018
BSc	BScComp05	Third	20/10/2018	08/12/2018
BVoc	Bvoc06	Third	08/12/2018	25/02/2019
BBA	BBACA07	Third	01/11/2018	19/12/2018
BCA	BCASc08	Third	16/10/2018	14/12/2018
MA	MA01	1 and 3	30/11/2018	21/01/2019
MCom	MCom02	1 and 3	30/11/2018	11/01/2019
MSc	MSc Biotech03	1 and 3	28/11/2018	25/01/2019
MSc	MSc Chem04	1 and 3	27/11/2018	09/02/2019
MSc	MSc Comp05	1 and 3	01/12/2018	18/01/2019
MSc	MSc Micro06	1 and 3	20/11/2018	25/01/2019
MSc	MSc Zoo07	1 and 3	08/12/2018	04/02/2019
BA	BA01	Third	15/04/2019	19/06/2019
BCom	BCom02	Third	29/03/2019	07/06/2019
BSc	BSc03	Third	25/04/2019	28/06/2019
BSc	BScBiotech04	Third	18/03/2019	17/05/2019
BSc	BScComp05	Third	05/04/2019	04/06/2019
BVoc	Bvoc06	Third	26/04/2019	04/07/2019
BBA	BBACA07	Third	05/04/2019	06/06/2019
BCA	BCASc08	Third	02/04/2019	31/05/2019
MA	MA01	2 and 4	17/05/2019	06/07/2019
MCom	MCom02	2 and 4	13/05/2019	04/07/2019
MSc	MSc Biotech03	2 and 4	15/05/2019	03/07/2019
MSc	MSc Chem04	2 and 4	14/05/2019	12/06/2019
MSc	MSc Comp05	2 and 4	20/05/2019	10/07/2019

MSc	MSc Micro06	2 and 4	10/05/2019	27/06/2019
MSc	MSc Zoo07	2 and 4	24/05/2019	03/07/2019

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

As per the guidelines of Savitribai Phule Pune University, Pune the institution appointed College Exam Officer for smooth conduct of internal and external examinations. This department is also involved in making policy decisions with regard to organizing examinations and for improvising the examination systems. Institute Adopted Centralized Continuous Internal Evaluation (CIE) System to assess student's development in both the semesters. The institute has faculty wise internal exam committees who are made aware of the CIE and assessment process. Many orientation programmes are conducted at the beginning of the semester as per the University guidelines which includes Induction Programme as well. Examination department inform students about the examination pattern, its schedule, regulations and Academic Calendar with CIE Exam dates. Schedules of exams are displayed in all noticeable and strategic places of the College and its various Departments. Result Analysis is done by the class tutors after CIE Test. The Principal conduct Review Meetings department wise to give necessary feedback for the improvement of students' performance. Whenever necessary, the tutor recommends visit of the parent to the college for giving updates of the student's progress. Remedial Classes are conducted for the slow learners and absentees. Assessments through group discussions, seminars, assignments are periodically organized. Written tests are also conducted to know if further remedial classes are needed for the students. Supplementary or Re Examinations are conducted for the absent students of science faculty as per university guidelines. These reforms have resulted in substantial improvement in student's performance.

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

The academic calendar is a very useful document, which contains the most important dates to guide the teachers and students. Our academic calendars provide important information about teaching dates, examination dates, extra and cocurricular activities, semesterbased and annual based examinations. Before the commencement of every semester respective departments prepare a detailed study plan, assignments for the individual teachers and the number of classes allotted to each course. On the basis of this the routine sub committee of the Teachers prepare a detailed timetable and academic calendar for the entire semester. Finally this is distributed to the departmental teachers and the students and also made available on college website. The effectiveness of the process is maintained through effective monitoring by the Principal/VicePrincipal. The Principal/Vice Principal sees to it that all departments follows academic calendar. The college has a vibrant culture of instilling desire for knowledge and scientific temper among the students through a number of activities.

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)

https://www.moderncollegegk.org/naac_criterion_II.php

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the	Number of students passed in final year	Pass Percentage

			final year examination	examination	
BScComp05	BSc	Computer Science	155	92	59.35
BCASc08	BCA	Science	15	15	100
Bvoc06	BVoc	Food Processing Technology	33	26	78.79
MSc Biotech03	MSc	Biotechnology	23	22	95.65
MSc Chem04	MSc	Chemistry	44	27	61.36
MSc Comp05	MSc	Computer Science	57	57	100
MSc Micro06	MSc	Microbiology	45	38	84.44
MSc Zoo07	MSc	Zoology	22	19	86.36
BCom02	BCom	All	351	183	52.13
MCom02	MCom	All	87	80	91.95
BBACA07	BBA	Computer Applications	50	30	60
BA01	BA	All	234	186	79.48
MA01	MA	Economics	26	18	69.23
MA01	MA	History	28	28	100
BScGen03	BSc	General	159	105	66.03
BScBiotech04	BSc	Biotechnology	54	54	100
MA01	MA	Sociology	18	17	94.44
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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)

https://www.moderncollegegk.org/NAAC_DATA/Student%20Satisfaction%20Survey%20 2018-2019.pdf

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
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05

Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Major Projects	1095	SERBDST Govt. of India	26.51	8.41
Major Projects	1095	DAEBRNS Govt. of India	34.63	18.4
Major Projects	730	UGC	4.4	0
Minor Projects	730	BCUD,	2.4	1.2
Minor Projects	730	BCUD	1.9	0.55
Minor Projects	730	UGC	4.7	0
Minor Projects	120	Genderations International	1.3	1.3
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.12	0.12
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.15	0.15
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
Minor Projects	365	DBTSTAR	0.05	0.05
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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
Workshop on Skill development Under Direct tax Advisor skill development program of MCOM	Commerce	21/09/2018
Investment awareness workshop In association with BSE	Commerce	01/09/2018

Investment awareness survey Questionnaire was designed and survey was conducted on investment awareness on its importance and avenues.	Commerce	01/09/2018
Workshop on self Management, Techniques of self management.	Commerce	03/10/2018
Workshop on Digital Marketing	Commerce	31/01/2019
Workshop on research methodology	Commerce	21/10/2018
District level Workshop on "Develop Practical Approach on Use of Solar Energy" Sanctioned by Board of Students' Development, Savitribai Phule Pune University, Pune	Electronics	14/02/2019
DBTSTAR sponsored Workshop on "Physicochemical and microbial analysis of soil"	Microbiology	03/07/2018
DBTSTAR sponsored Workshop on 'Research Methodology and Scientific Communication'	Microbiology	05/01/2019
Hands on training on "R Software and C Programming" Funded by Board of Students Development, SPPU	Statistics	02/02/2019
Soft Skill Workshop and guided our students with the topic "Career in IT and Positive Thinking	Computer Science	10/09/2018
Soft Skill Workshop	Computer Science	03/12/2018
Workshop on Goods Services Tax:Girl student Empowerment through Skill Building Conducted jointly with ICAI,Pune Chapter	Commerce	01/07/2018
Introduction, Importance and procedure of IPR	Commerce	14/02/2019
Two Days National Seminar on Breaking the Barriers in Sciences	Microbiology	01/02/2019

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
Social Awareness,Jagannath Rathi Award0	Dr. Abaso Shinde	Department of Lifelong Learning,SPPU,Pune	01/02/2018	Teacher
Best Students Welfare Officer Award	Dr. Dastagir Pathan	Board of Students Development, SPPU, Pune	10/02/2018	Teacher
Awarded 3rd Prize in the "Intercollegiate Chemistry Quiz" Competition	Harshal Patil, Dhanesh Tambe	Department of Chemistry, Modern College, Gk, Pune 16	24/01/2019	Student
Awarded 1st prize in Documentary competition in GeoCarnival Modern College, Gk, Pune 16	S. Archana	Modern College, Gk, Pune 16	29/01/2019	Student
Awarded 3rd Prize in the "Intercollegiate Poster competition: Innovatin and Technology for Her	Sagar Kandelkar	Sharda Shakti, Pune and Modern College of ASC, Ganeshkkhind	02/03/2019	Student
Won Third Prize in one day State Level Science Exhibition organised	Paresh Hawaldar	SPPU,Pune	05/01/2019	Student
View File				

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
00	Not Applicable	Not Applicable	Not Applicable	Not Applicable	24/12/2019
No file uploaded.					

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
4	0	1

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

Name of the Department	Number of PhD's Awarded
Biotechnology	2

Hindi	1
Psychology	2
Physical Education	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	Biotechnology	3	0
International	Biotechnology	9	3.08
International	Zoology	9	1.36
International	Microbiology	1	2.02
National	Mathematics	1	0
International	Economics	11	0
International	Commerce	4	0
International	English	1	0
National	Sociology	1	0
View File			

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
Biotechnology	16
English	2
Marathi	1
Psychology	4
Hindi	2
View File	

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
Application of the vectors in the determination of the miscibility of the substances	Mrs.Swati Kandharkar	The Pharma Innovation Journal	2019	0	Department of Mathematics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Densitomet	Dr.	Journal of	2018	4	Department	0

ric HPTLC quantification method for the validation of decolourization of disperse orange ERL and dye mixture by lichen Parmelia sp.	Ashwini Kulkarni	BioScience and Bioeng ineering			of Microbi ology, Shivaji Un iversity, Kolhapur, Maharashtr a, India41 6004	
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Kharat, S.,	Journal of Applied Ic hthyology	2018	9	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Pise, M., .,	Journal of Applied Ic hthyology	2018	2	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Kumkar, P.,	Journal of Applied Ic hthyology	2018	5	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Length?wei	Gorule,	Journal of	2018	1	Department	0

ght relationships of four freshwater fishes from northern Western Ghats of India	P.A.,	Applied Icthyology				of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Verma, C.,	Journal of Applied Icthyology	2018	2		Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Molecular phylogeny unveils hidden diversity of hillstream loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India.	Kharat, S.,	Meta Gene	2018	9		Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
A new syntopic species of small barb from the Western Ghats of India (Teleostei: Cyprinidae)	Kumkar, P.,	Zootaxa	2018	5		Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Interplay between	Kumkar, P.,	Zoology	2018	5		Department of	0

						Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	
Interplay between behavior, morphology and physiology supports lepidophagy in the catfish Pachypteruskhavalchor (Siluriformes: Horabagridae)	Kharat, S.,	Zoology	2018	9		Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
The identity of Aplocheilusandamanicus (Köhler, 1906) (Teleostei: Cyprinodontiformes), an endemic Killifish from the Andaman Islands, with notes on Odontopsisarmatavan Hasselt.	Kumkar, P.,	Zootaxa	2018	5		Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Glass in the water: molecular phylogenetics and evolution of Indian glassy perchlets	Kumkar, P.,	Journal of Zoological Systematics and Evolutionary Research	2019	5		Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkh	0

(Teleostei : Ambassid ae).					ind, Pune 411016, Ma harashtra, India	
Glass in the water: molecular phylogenet ics and evolution of Indian glassy perchlets (Teleostei : Ambassid ae).	Verma, C.,	Journal of Zoological Systematic s and Evol utionary Research	2019	2	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Assessing the sustai nability of lepidop hagous catfish, P achypterus khavalchor (Kulkarni, 1952) from a tropical river Panc haganga, M aharashtra , India	Kumkar, P.,	The Journal of Basic and Applied Zoology	2019	5	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Assessing the sustai nability of lepidop hagous catfish, P achypterus khavalchor (Kulkarni, 1952) from a tropical river Panc haganga, M aharashtra , India	Kharat, S.	The Journal of Basic and Applied Zoology	2019	9	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Role of Banks in Promoting Women Entr epreneursh ip	Dr. Shubhangi Joshi	Research Journey	2019	0	Department of Commerce, Modern College, Savitribai Phule Pune University , Ganeshkh	0

					ind, Pune 411016, Maharashtra, India	
Building Innovative Intrapreneurship :Need of an Hour	Dr. Shubhangi Joshi	Galaxy Link	2019	0	Department of Commerce, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Perception s of Teachers about Cultural I ntelligenc e: An essential skill in Global Economy	Manisha Bele	Anveshak:I nternation al double blind Peer reviewed and Refereed Journal	2019	0	Department of Commerce, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Impact and Importance of Technology on Education	Mrs. Manjusha Kulkarni	Journal of General Management	2019	0	Department of Commerce, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Applicatio ns of carbon nan omaterials in the plant system: A perspectiv e view on the pros and cons.	Dr. Vinay Kumar	Science of the Total Environmen t (In Press)	2019	20	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	13

Title	Author	Journal	Year		Institution	
Light stress responses and prospects for engineering light stress tolerance in crop plants. Impact Factor: 2.1	Dr. Vinay Kumar	Journal of Plant Growth Regulation 18(In pr19ess). (Spr20inger).	2019	20	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	1
Nrf2/HO1 mediated antioxidant activities, cytotoxicity analysis and LCESI/MS profiling of Eulophia nuda L.	Dr. Vinay Kumar	The Natural Products Journal (In press) (Bentham Science).	2019	20	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Phytochemical profile, antioxidant, antiinflammatory and antiproliferative activities of Pogostemon deccanensis essential oils.	Dr. Vinay Kumar	3 Biotech	2018	20	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Inhibiting bacterial drug efflux pumps via phytotherapeutics to combat threatening antimicrobial resistance.	Dr. Vinay Kumar	Frontiers in Microbiology	2018	20	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	3

Title	Author	Journal	Year		Institution	
Exploring miRNAs for developing climateres ilient crops: A p erspective review. 653:91104.	Dr. Vinay Kumar	Science of the Total Environmen t	2018	20	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	3
Transcript ional regulation of osmotic stress tolerance in wheat (Triticum aestivum L.). Impact Factor: 3.543	Dr. Vinay Kumar	Plant Molecular Biology,	2018	20	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	6
A critical review on Nepal Dock (Rumex nep alensis): A tropical herb with immense medicinal importance .	Dr. Vinay Kumar	Asian Pacific Journal of Tropical Medicine 11(7): 405414 (Kluwer)	2018	20	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	3
Engineered nanomateri als for plant growth and developmen t: A persp ective analysis. Impact Factor: 4.984	Dr. Vinay Kumar	Science of the Total Environmen t	2018	20	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	33
Isolation, Screening, and Charac terization	Dr.Pooja Rana	Internatio nal Journal of Pharmaceut	2018	4	Department of Biotech nology, Modern	0

					College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	
of BiosurfactantProducing Microorganisms from PetroleumContaminated Soil and Further Optimization of Parameters for Biosurfactant Production"		ical Biological Archives				
Hepatoprotective activity and antimicrobial potential of Sesuvium portulacastrum extracts	Mrs Snehal Gagre	J. Chemistry and Chemical Sciences.	2018	3	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Chromatographic separation of phyto constituents from Sesuvium portulacastrum	Mrs Snehal Gagre	Indian Journal of research	2018	3	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Criterion I – Curricular Aspects	Parag Shah	Research Journey	2019	0	Department of Commerce, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Impact, recovery	Kharat, S.	Ecotoxicology	2019	9	Department of	0

					Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	
and carryover effect of Roundup® on native and nonnative predator recognition in common spiny loach, Lepidocephalichthysthermalis						
Challenges and Opportunities in Indian Banking Sector	Pathan Dastagir Ramjan	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Nationalization of Commercial Banks	Pathan Dastagir Ramjan	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Ebanking	Pathan Dastagir Ramjan	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Sustainable Developm e Developm	Pathan Dastagir	Research Journey	2019	0	Department of	0

ent in Commercial Agricultur e	Ramjan					Economics, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	
Nationaliz ation of Commercial Banks	Dr. Abaso Shinde	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Bharatiya Sheti Kshetratil Peru Utpad anatun Swayam Rojgar	Dr. Abaso Shinde	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Kutumb Vya vasthechya Mansiktech e Arthasha stra	Dr. Abaso Shinde	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India	0
Poverty Er adication in India	Sawaishikr e B. G	Research Journey	2019	0	Department of Economics, Modern College, Savitribai	0

					Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	
The Current State of Higher Education	Sawaishikre B. G	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Problems of Agricultural Labourers in India	Sawaishikre B. G	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Subordinate Position of Women Characters in Kiran Desai's Novel The Inheritance of Loss	Sandeep Sanap	Research Journey	2019	0	Department of English, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0
Sheti va Shetipurak Vyavasayatil Swayam Rojgarancha Abhyas	Dr. Abaso Shinde	Research Journey	2019	0	Department of Economics, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune	0

					411016, Maharashtra, India	
Status of Women in Higher Education	Dr. Jyoti Gagangras	Indian Sociological Society	2019	0	Department of Sociology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India	0

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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
Densitometric HPTLC quantification method for the validation of decolourization of disperse orange ERL and dye mixture by lichen Parmelia sp.	Dr. Ashwini Kulkarni	Journal of Bio Science and Bioengineering	2018	4	0	Department of Microbiology, Shivaji University, Kolhapur, Maharashtra, India416004
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Kharat, S. S.	Journal of Applied Ichthyology	2018	9	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Impact, recovery and	Kharat, S. S.	Ecotoxicology	2018	9	0	Department of Zoology,

carryover effect of Roundup® on native and nonnative predator recognition in common spiny loach, Lepidocephalichthysthermalis						Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Pise, M., .,	Journal of Applied Ichthyology	2018	2	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Kumkar, P.,	Journal of Applied Ichthyology	2018	5	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Length?weight relationships of four freshwater fishes from northern Western Ghats of India	Gorule, P.A.,	Journal of Applied Ichthyology	2018	1	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Length?weight relationships of	Verma, C.,	Journal of Applied Ichthyology	2018	2	0	Department of Zoology,

four freshwater fishes from northern Western Ghats of India						Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India
A new syntopic species of small barb from the Western Ghats of India (Tel eostei: Cy prinidae)	Kumkar, P.,	Zootaxa	2018	5	0	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India
Interplay between behavior, morphology and physiology supports l epidophagy in the catfish Pa chypterusk havalchor (Silurifor mes: Horab agridae)	Kumkar, P.,	Zoology	2018	5	0	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India
Interplay between behavior, morphology and physiology supports l epidophagy in the catfish Pa chypterusk havalchor (Silurifor mes: Horab agridae)	Kharat, S.,	Zoology	2018	9	0	Department of Zoology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India
The identity of Aploche	Kumkar, P.,	Zootaxa	2018	5	0	Department of Zoology,

ilusandama nicus (Köhler, 1906) (Tel eostei: Cy prinodonti formes), an endemic Killifish from the Andaman Islands, with notes on Odontop sisarmata van Hasselt.						Modern College, Savitribai Phule Pune University, Ganeshkh ind, Pune 411016, Ma harashtra, India
Glass in the water: molecular phylogenet ics and evolution of Indian glassy perchlets (Teleostei : Ambassid ae).	Kumkar, P.,	Journal of Zoological Systematic s and Evol utionary Research	2019	5	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkh ind, Pune 411016, Ma harashtra, India
Glass in the water: molecular phylogenet ics and evolution of Indian glassy perchlets (Teleostei : Ambassid ae).	Verma, C.,	Journal of Zoological Systematic s and Evol utionary Research	2019	2	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkh ind, Pune 411016, Ma harashtra, India
Assessing the sustai nability of lepidop hagous catfish, P achypterus khavalchor (Kulkarni, 1952) from a tropical river Panc haganga, M aharashtra	Kumkar, P.,	The Journal of Basic and Applied Zoology	2019	5	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkh ind, Pune 411016, Ma harashtra, India

	India						
	Assessing the sustainability of lepidophagous catfish, Pachypterus khavalchor (Kulkarni, 1952) from a tropical river Panchaganga, Maharashtra, India	Kharat, S.,	The Journal of Basic and Applied Zoology	2019	9	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
	Molecular phylogeny unveils hidden diversity of hillstream loaches (Cypriniformes: Cobitoidea) in the northern Western Ghats of India.	Kharat, S.,	Meta Gene	2018	9	0	Department of Zoology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
	Applications of carbon nanomaterials in the plant system: A perspective view on the pros and cons.	Dr. Vinay KumarDr. Vinay Kumar	Science of the Total Environment (In Press)	2019	20	13	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
	Light stress responses and prospects for engineering light stress tolerance in crop	Dr. Vinay Kumar	Journal of Plant Growth Regulation 18(In pr19ess). (Spr20inger).	2019	20	1	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Ma

						harashtra, India
Nrf2/HO1 mediated antioxidant activities, cytotoxicity analysis and LCESI/MS profiling of Eulophia nuda L.	Dr. Vinay Kumar	The Natural Products Journal (In press) (Bentham Science).	2019	20	0	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Phytochemical profile, antioxidant, antiinflammatory and antiproliferative activities of Pogostemon deccanensis essential oils.	Dr. Vinay Kumar	3 Biotech	2018	20	0	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Inhibiting bacterial drug efflux pumps via phytotherapeutics to combat threatening antimicrobial resistance.	Dr. Vinay Kumar	Frontiers in Microbiology	2018	20	3	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Exploring miRNAs for developing climateresilient crops: A perspective review. 653:91104.	Dr. Vinay Kumar	Science of the Total Environment	2018	20	3	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune

						411016, Maharashtra, India
Transcriptional regulation of osmotic stress tolerance in wheat (Triticum aestivum L.). Impact Factor: 3.543	Dr. Vinay Kumar	Plant Molecular Biology,	2018	20	6	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
A critical review on Nepal Dock (Rumex nepalensis): A tropical herb with immense medicinal importance.	Dr. Vinay Kumar	Asian Pacific Journal of Tropical Medicine 11(7): 405414 (Kluwer)	2018	20	3	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Engineered nanomaterials for plant growth and development: A perspective analysis. Impact Factor: 4.984	Dr. Vinay Kumar	Science of the Total Environment	2018	20	33	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India
Isolation, Screening, and Characterization of BiosurfactantProducing Microorganisms from PetroleumContaminated Soil and Further Optimization	Dr.Pooja Rana (Pathania)	International Journal of Pharmaceutical Biological Archives	2018	4	0	Department of Biotechnology, Modern College, Savitribai Phule Pune University, Ganeshkhind, Pune 411016, Maharashtra, India

of Parameters for Biosur factant Pr oduction"						
Hepatoprot ective activity and antimi crobial potential of Sesuvium p ortulacast rum extracts	Mrs Snehal Gagre	J. Chemistry and Chemical Sciences.	2018	1	0	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, India
Chromatogr aphic separation of phyto c onstituent s from Sesuvium p ortulacast rum	Mrs Snehal Gagre	Indian Journal of research	2018	1	0	Department of Biotech nology, Modern College, Savitribai Phule Pune University , Ganeshkh ind, Pune 411016, Ma harashtra, 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
Resource persons	1	12	13	46
Presented papers	33	32	20	7
Attended/Semina rs/Workshops	15	38	51	30

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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
Ranbhaji Mahotsav (Botany)	Nisargsevak, Pune	4	128
Collection Donation of Grains , Note	Maitra Mandiaali Sansta, Jalna NSS	1	20

Book Pen (85 Kg of Grain)	Unit of the college.		
"Red Dot Campaign": A movement toward awareness of disposal of sanitary waste on 19th September 2018. (Biotechnology)	Inner wheel Club Baner Hills, Pune	25	54
Informative (audio visual) and Interactive session for Class IXth students on " Fasciating world of microflora "Biotechnological prespective"(7th September 2018) (Biotechnology)	Modern High School Ganeshkhind, Pune	3	146
Visit to departmental Plant tissue culture laboratory and Biotech department (Biotechnology)	Shri Shiv Chhatrapati College Junnar, Pune	4	20
MSc Botany Students from Fergusson College, Pune –Completion of MSc projects (Biotechnology)	Fergusson College, Pune	1	2
Awareness of Organ Donation Campaign (Biotechnology)	Rotary Club of Pune Lokmanyanagar	4	50
Nature Trail and Plastic Collection Drive at Pachgaon Parvati (Botany)	Pune Forest Division, Pune Municipal Corporation, Botanical Survey of India, Biosphere, Samarth Bharat	5	103
Cleaning of Mula River (Botany)	Pune Forest Division, Pune Municipal Corporation, Botanical Survey of India, Biosphere, Samarth Bharat	15	197
Plastic Collection drive and distribution of TShirt at Bhamburda Vanvihar (Botany)	Pune Forest Division, Pune Municipal Corporation, Botanical Survey of	3	40

	India, Biosphere, Samarth Bharat		
Botany exhibition for 8th 9th Std. school student (Botany)	Ravasaheb Patwardhan Vidyalay, Pune	1	20
Student Volunters at Kisan AgriExhibition (Botany)	Kisan Farm Pvt. Ltd.	1	71
A Conference on "Biodiversity of Greater Pune"	Pune Municipal Corporation, Biosphere,	3	79
Blood donation camp (Computer Science)	Rotary club Baner	1	3
Nirmalya collection Chaturshrungi temple Pune (Computer Science)	Green hills, Pune	1	4
Pani Foundation (Computer Science)	Savitribai Phule Pune University	1	10
Thalassemia Awareness Lecture Thalassemia Awareness stall in Vividha (Microbiology)	The Wishing Factory, Pune	1	32
Blood Donation Camp (Microbiology)	State Blood Transfusion Council and Rotary Club of Pune	3	5
Pune Kanyakumari cycling (Geography)	Selforganized.	3	0
Modern Cycling Club (Geography)	Inauguration of Cycling Club	3	106
Modern Trekking Club (Geography)	Katraj To Sinhagad Fort Cycling	3	70
CPR training and Rakshabandhan festival	Indian Red Cross Society	1	105
StreetPlay Competition: Interschool and Intercollegiate streetplay competition	Indian Red Cross Society	1	90
Disaster Management, First Aid and Youth Leadership Training Camp	Indian Red Cross Society	1	10

Financial Literacy – Union Budget	Department of Life long learning and extension, SPPU, Pune	1	108
International Snakebite Awareness Day	Department of Life long learning and extension, SPPU, Pune	1	139
Employment and Entrepreneurship	Department of Life long learning and extension, SPPU, Pune	1	53
Law Literacy	Department of Life long learning and extension, SPPU, Pune	1	55
YUVA MELA	Women's Studies Center, SPPU:, Pune	1	19
Social Responsibility: Ummeed	Department of Psychology, Modern College, Ganeshkhind, Pune16	1	21
Tribal Handicraft Exhibition	Jointly Organized with IDEA NGO	1	500
Modern Trekking Club (Geography)	Selforganized., Modern College, Ganeshkhind	2	135
[View File](#)			

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
Awareness about social issues.	N.A.P. Nanavati (Best College) Award, Indian Red Cross Society, Youth Red Cross, Pune.	Indian Red Cross Society	40
[View File](#)			

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 activites	Number of students participated in such activites
Gender Equity: Gender and Development Course.	Women's Studies Center, SPPU,Pune	Gender Equity	1	24
Gender Equity: ''My Journey as	Psychology Department,	Gender Equity	1	23

a Feminist Activist Part 1' by Dr. Sadhana Natu	Modern College, Ganeshkhind, Pune16.			
Gender Equity: ''My Journey as a Feminist Activist Part 2' by Dr. Sadhana Natu	Psychology Department, Modern College, Ganeshkhind, Pune16.	Gender Equity	1	22

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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
IISER, Pune Skillbased course (Elective) M.Sc. II Chemistry	44	Selffinanced	1
DBTSTAR sponsored Workshop on 'Research Methodology and Scientific Communication' microbiology	120	DBT Star	1
Physicochemical and microbial analysis of soil"	74	DBT Star	3
Workshop on "IPR and its Relevance". (biotech)	55	Self financed	1
Workshop on IPR(Biotech)	23	Self financed	7
Biodiversity assessment workshop With YASHADA, Pune for MSc. Zoology Students	36	Self financed	3
Internship Program for PG students of Computer Science	38	Self financed	180
Internship Program for PG students of Chemistry	04	Self financed	180

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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/	Duration From	Duration To	Participant

		industry /research lab with contact details			
Academic	Internship for Students	Stree Mukti Sangathana	02/05/2018	02/06/2018	04
Academic	Internship for Students	Bapu Trust	14/05/2018	02/06/2018	13
Academic	Conduct Workshops and Course	Women's Studies Centre	15/06/2018	30/04/2019	35
Academic	Member BOS	MIT College , Alandi	15/06/2018	30/04/2019	01
Academic	Internship for Students	Symbiosis Pune Police Public School	01/08/2018	01/03/2019	02
Academic	Internship for Students	Door Step School	10/09/2018	10/11/2018	08
Academic	Attended Organized Workshop	Department of Sociology (SPPU)	28/10/2018	28/10/2018	15
Academic	Liabrary Access for M.Com	Department of Commerce	15/06/2018	15/05/2019	90
Biodiversity Assesment	Biodiversity Assesment	YASHADA,Pune	09/01/2019	11/01/2019	36
Hands on training	Hands on training	Vidya Sahakari Bank ltd Pune	12/11/2018	12/12/2018	66
Institutional Social activity	Support to Orphanage	Annapurna Ashram	15/06/2018	15/05/2019	24
Institutional Social activity	Support to Orphanage	Gurukulam	15/06/2018	15/05/2019	37
Institutional Social activity	Tribal Handicraft Exhibition	IDEAS NGO	26/02/2019	26/02/2019	50
Research and student training	Research and student training	SPPU(Biotech)	15/06/2018	15/06/2019	05
Research and student training	Research and student training	Vasantdada Sugar Institute, Pune	15/06/2018	15/06/2019	07
Research and student training	Project Dissertation	NCCS NCMR	28/11/2018	31/03/2019	07

Research and student training	Project Dissertation	NCL	28/11/2018	31/03/2019	01
Research and student training	Project Dissertation	NCL Venture Center	28/11/2018	31/03/2019	02
Research and student training	Project Dissertation	Department of BioChemistry ,SPPU	28/11/2018	31/03/2019	01
Research and student training	Project Dissertation	Department of Botany ,SPPU	28/11/2018	31/03/2019	4
Skill based training	Skill Development under Direct Tax Advisor for M.com Part II	Khaladkar And Sons	15/06/2018	30/04/2019	52
Skill based Course	Skillbased course (Elective) M.Sc. II	IISER, Pune	11/03/2019	11/03/2019	44

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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
RMIT University, Australia(Biotech)	15/06/2018	Research	4
RASA LifeInformatics	15/06/2018	Research and Training	71
KISAN Forum Pvt. Ltd., 1170/17B, Shivaji Nagar, Pune, Maharashtra 411005, (02030252000), http ://www.kisan.com/bo tany	12/12/2018	As a Volunteer in Kisan Agriculture Expo.	82

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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
201	179

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Campus Area	Existing
Class rooms	Existing
Laboratories	Existing
Seminar Halls	Existing
Classrooms with LCD facilities	Existing
Classrooms with LCD facilities	Newly Added
Seminar halls with ICT facilities	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Newly Added
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Newly Added
Class rooms	Newly Added

4.2 – Library as a Learning Resource

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

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
AUTOLIB	Fully	NG	2006

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	12813	1710839	191	34200	13004	1745039
Reference Books	16880	8193189	966	648298	17846	8841487
e-Books	50000	5900	30000	5900	80000	11800
Journals	85	146451	70	124430	155	270881
e-Journals	50000	5900	3828	5900	53828	11800
Digital Database	35	101225	0	89900	35	191125
CD & Video	1065	25677	52	0	1117	25677
Library Automation	1	75000	1	28750	2	103750
Weeding (hard & soft)	0	0	0	0	0	0
Others(specify)	0	0	165	16543	165	16543

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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	Platformon which module is developed	Date of launching e-content

Mrs. Priti Deshmukh	Pointers in C Programming	www.teachertube.com	19/09/2018
Mrs. Priti Deshmukh	How to access Arrays Structures using Pointers part2	www.teachertube.com	30/09/2018
Mrs. Priti Deshmukh	How to access Arrays and Structures Using Pointers part1	www.teachertube.com	02/10/2018
Mrs. Priti Deshmukh	How to Convert an Algorithm to C Program	www.teachertube.com	28/12/2018
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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 (MGBPS)	Others
Existing	355	11	2	11	2	21	323	30	0
Added	60	1	0	2	0	0	58	100	0
Total	415	12	2	13	2	21	381	130	0

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

100 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
Nil	[Nil](#)

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 incurredon maintenance of physical facilites
8.51	3.92	65	88.18

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)

Physical facility Classrooms – Regular cleaning and maintenance is carried out to provide effective learning environment. Some of the class rooms are provided with the electricity generated by hybrid wind and solar plant present in college campus. Regular cleaning is outsourced for maintenance of buildings and other facilities. Looking at volume of work some conservancy work is allotted to support staff. Regular monitoring of electrical and fixtures is done and repaired.Central time table is designed for maximum utilization of

infrastructure and class rooms. College runs in two sessions. Academic facility Laboratory -Annual maintenance contract is done for high grade instruments. Stabilizers are used for instruments .Regular servicing and maintenance is carried out for the instruments. Calibrations of instruments is done. Service engineers from manufacturing companies are called for the repairs if available. Comparative statements are made from quotations taken from different agencies for the repair, and one who can give effective service is given the work Practical batches are prepared so as to give hands on experience to all the students. Practical are conducted in morning, afternoon and evening sessions for maximum utilization of laboratory space.Library Annual maintenance contracts are done for the software used in the library. Proper ventilation is done so as to maintain dry environment near book shelves. Regular dusting and cleaning is done by using vacuum cleaners. Pest control Library is made fully automated. Computerized issuing and returning of books is done so as to save time. Book exhibitions are conducted in the library and books suggested by staff members are included in the library .Open access is given to students to the books so as to have effective referencing and exploring of new books related to subjects. Special reading room facility and computers are provided for access to e content .Library staff conducts orientation and information literacy programs to educate patrons. New arrivals are exhibited on board and screens. Library is kept open in long vacations for the benefits of the students. Qualified staff is appointed in library to guide and help students. Separate computer is provided to student for book search. Social platform is used to notify about the current updates of library. Flip class room was used to educate patrons online through tutorials and videos prepared.Computers Maintenance and support are carried out by Excel IT services Pvt. Ltd on AMC basis with three full time system administrators. Regular upgradation carried out for hardware and software Available computers are distributed in departments, office and library and for administrative work as per the requirement and load of the work. Computers are connected through LAN and with high speed internet facility. Computers are provided with upgraded antivirus.Sports facility Regular maintenance is carried out for gymnasium, sports equipment and sport material from experts in the field.Synthetic surfaces on ground are cleaned periodically Sport material is issued to students as per the schedule. For Intercollegiate competitions sport material is issued to the student for the period of the competition. Gymnasium is used in slots.

https://www.moderncollegegk.org/NAAC_DATA/Procedures%20and%20policies%20for%20maintaince%20and%20utilization%20of%20infrastructure.pdf

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	Scholarship and Freeship	1893	7433568
Financial Support from Other Sources			
a) National	Central Sector, Post Matric Minority, Ishan Uday, Umbrella Scheme, Pandit Deendayal, PMSSS JK	69	606640
b)International	ICCR	22	630365

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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 implemetation	Number of students enrolled	Agencies involved
Career Counselling	01/07/2018	442	English, Psychology, Sociology,Commerce, Biotech Departments
Soft Skill Development	01/07/2018	261	English, Sociology, BCA(Sci), Computer, Microbiology, Maths Departments.
Remedial Coaching	01/07/2018	119	English, Commerce, Biotech, Electronics Departments
Language Lab	01/07/2018	50	English
Bridge Courses	01/07/2018	78	Electronics, Microbiology, Zoology, Maths Departments.
Personal Counselling	01/07/2018	12	English, Sociology, Electronics, Zoology, Departments
Personal Counselling	01/07/2018	156	Counselling Cell, Department of Psychology
	[View File](#)		

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 passedin the comp. exam	Number of studentsp placed
2019	Guest Lectures	112	442	0	0
2019	National Level General Knowledge Exam	16	0	0	0
2019	Inaugural Guest Lecture	144	0	0	0
2019	Induction Lectures	1482	0	0	0

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
8	8	3

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Infotools, imates, Nanostuffs Technologies Pvt Ltd, GTL Software, Hewlett Packard Enterprise Communication, Infosys, Cognizant, Capgemini, FDC Ltd, Lupin Ltd, Deccan Neutraceuticals, Emcure Pharmaceuticals, Tata Consultancy Systems, Wipro, Vodafon,	252	93	Kanchan Drugs and Private Ltd., MSGL Co. Ltd.	10	2

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

Year	Number of students enrolling into higher education	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme admitted to
2018	72	BCom	Commerce	Modern College Ganeshkhind	MCom
2018	44	BSc	Biotechnology	SPPU, MITCON, Pune University, Management	M.Sc. Clinical Research, MBA Biotechnology, M.Sc. Bioinformati

					cs, M.Sc. Zoology, M.Sc. Biotechnology, M.Sc. Microbiology,
2018	45	BSc	Computer Science	Modern College of Engineering, Pune, Vishwakarma Institute of Technology, Sir Parshurambhau College, Pune, Fergusson College, Pune, MES Institute of Management and Career Courses, Pune, Rajarshee Shivray Pratishthan, Kothrud, Pune, Nowrosjee Wadia	M.Sc(Scientific Computing), MBA, M.Sc. Computer Science
2018	7	BVoc	Vocational course in food processing technology	NAFARI	Diploma
2018	16	BSc	Microbiology	HV Desai College, Pune, Dr. DY Patil College, Pimpri, Modern College, Shivajinagar Pune 5, Modern College, Ganeshkhind Pune 16,	MSc Microbiology
2018	15	BA	Psychology	D Y Patil College, Karve Institute,	Defence Studies, MA Psychology, Mental

				Symbiosis College, Wadia College , SPPU, S.P College, Modern College Shivaji Nagar,	Health,
2018	11	BSc	Chemistry	Competitive exam centre SPPU, Modern College, Shi vajinagar, Pune - 5, SPPU, Modern College Ganeshkhind	MPSC, UPSC, M.Sc. (Analytical Chemistry), M.Sc. Bioche mistry, M.Sc .(Organic Chemistry),
2018	10	BA	Sociology	Modern College Ganeshkhind, Bharti Vidyapeeth, Department of Sociology SPPU	MA & MSW
2018	5	BA	Economics	Modern College of Arts, Science and Commerce	MA Economics
2018	3	BA	English	University of Roehampton, London, SPPU, Department of English, Symbiosis In ternational University,	MA, MBA
2018	11	BA	Geography	Dr. D Y Patil College, Pimpri, Modern College, Ganeshkhind Pune 16, Modern College, Shi vajinagar, Pune 05, SPPU, Ranade Institution,	MA Geography, MA Economics, MA History, Mass Communi cation

2018	5	BSc	Zoology	SPPU, Jahangir Hospital	MSc Health Science, Clo
				N. Wadia College, Pune,	
2018	7	BA	History	ISBJ , Loni, Pune, Garware College, Pune, Deccan college, Yerwada, Pune, Modern college, Ganesh khind, pune,	MA (History), MA (Archaeology)
2018	3	BSc	Physics	S.P. College, Pune, Abasaheb Garware College, Pune, Modern College, Ganeshkhind Pune 16	MSc

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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
NET	3
GATE	4
Any Other	5
Any Other	1
Any Other	3
Any Other	7
Any Other	4
Any Other	37

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

Activity	Level	Number of Participants
Odyssey (Theme: Campus culture) (in house journal release)	College	34
Quiz competion on Laws related to women	national	130
Modern Trekking Club	Intercollegiate	205

Geocarnival	intercollegiate	200
Movie club	College	72
Poetry reading competition during yuva satah	college	39
Elocution competition during yuva saptah	college	13
Kaun BAnega History Scholar	Intercollegiate	182
Historical Documentary Film club	college	46
Birth and Death anniversaries of Indian personalities	college	143
Heritage walk in SPPU	college	16
Story telling competition on occassion of Dr. A.P.J. Abdul Kalam Birth anniversary	college	17
Poetry reading competition	intercollegiate	45
Elocution competition	intercollegiate	15
release of 11th volume of Kaleidoscope (Theme: Psychologists who influenced the world)	college	76
Psy world	college	500
awareness campaign on occasion of world suicide prevention day	college	25
mental Health program: Ummeed	college	21
Euphoria (theme:rejection)	college	50
Master mind: a quiz competition during yuva saptah	college	45
Tribal handicraft exhibition cum sale	college	500
Awareness through street plays: no horn ok please	college	45
Awareness through street plays: helmet awareness	college	15
Awareness through street plays: eat healthy stay healthy	college	20
environmental awareness	college	10
project competition for	intra class	64

FYBCom students on acoount opening and account operation procedure in bank		
MAGNIT PROXIBIT (Project competition), MAGNIT CANVAS (Wall magazine competition), MAGNIT MANTHAN (group discussion competition)	intercollegiate	56
Screening of scientific movie: Parmaanoo	Departmental	77
Know Thy World: a scientific discussion platform	Departmental	52
Rangoli competition (theme: Microbiology)	departmental	13
Salad decoration (theme: Microbiology)	departmrntal	1
Mathematics quiz	intraclass	16
Mathematical hockey	intercollegiate	18
celebration of marathi bhasha din through talks, drama, poetry reading	college	41
Anubhuti: science exhibition (project, poster and model competition)	college	337
Modern chef: recipe competition	college	35
Environmental poster rally competition (theme: SAY NO TO PLASTIC)	intra class	128
Swarmadhuri: a state level interuniversity competition of classical and vocal music and natyasangeet	state	17
Essay writing competition	college	17
Quiz competition	college	9
Ashayghan: staff cultural activity	college	77
short film competition	college	11
mehendi competition	college	28
rangoli competition	college	64
poster competition	college	16
18th State level Microbiolympiad (first round)	college	41

PUSA quiz	intercollegiate	45
Vividha Cultural programme and exhibition cum sale	college	108
Poster exhibition and interactive learning	intraclass	48
Red Dot Campaign	college	79
Organ donation campaign	college	54
students wall magazine entitled Microorganism of teh day	departmental	74
Chemistry quiz competition	intercollegiate	22
Project and poster competition (theme: innovations and technology for HER health, comfort and digital literacy)	intercollegiate	22
Quiz competition in snake and ladder game	inter class	22
Assemble it competition	intercollegiate	28
Physics quiz	intraclass	17
Physics puzzle	intraclass	30
Physics fun game: Ludo	intraclass	18
Cartoon making competition	intraclass	16
Modern Shree Best Physique Competition	state	88
Cycling Competition (Track and Road) (M/W)	Intercollegiate	12
Basketball Competition (M)	Interclass	6
Basketball Competition (W)	Interclass	3
Fiveaside football competition (M)	Interclass	20
Fiveaside football competition (W)	Interclass	5
Volleyball (M) competition	Interclass	15
Volleyball (W) competition	Interclass	3
Throwball competition (W)	Interclass	5
Dodgeball competition (W)	Interclass	7
Chess competition (M/W)	Interclass	9

Table tennis Competition (M/W)	Interclass	9
Badminton competition (M/W)	Interclass	43
Staff throw ball competition	College	16
staff dodgeball competition (W)	College	16
staff badminton competition (M/W)	College	29
INTERACTION 2019: an intercollegiate competition for UG and PG	Intercollegiate	271
Litcarnation	Intercollegiate	356
Caption contest	Intraclass	14
Spellathon	Intraclass	38
English Corner	Intraclass	40
Workshop on Cinema, Media and Journalism	College	80
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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 Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	Silver medal in Interuniversity Cricket tournament, Nanded	National	1	0	9973989601 32	Aditi Kale
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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)

The college conducts elections for University Representative, Ladies Representative and Sports Representative. Statutory representation is provided for students on the Cell for Prevention and Prohibition of Sexual Harassment. These representatives participate in committee meetings, deliberations and decision making process. The Student Council helps in maintaining academic discipline and rigour. They have special tasks during co curricular, extra curricular and sports activities. They also help in coordinating the Alumni and Current students' festival and entrepreneurship event Vividha. We have Student representatives in Magazine Committee, IQAC, Vividha, Yuva Saptaha Committees. Student representatives are appointed for sports events and competitions. College organises a variety of events for which committees are devised. Students get representation on such committees and direct participation in the events.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

 Yes

 The Alumni Association called Modernites is really proactive. The alumni organize various activities such as Vividha an Entrepreneurship Fair to promote self employment. They also conduct training for Business plans, making and designing articles for sale etc. They conduct training for Event management, mentor current students and help by giving endowments, scholarships.

5.4.2 – No. of enrolled Alumni:

661

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

60967

5.4.4 – Meetings/activities organized by Alumni Association :

 Activities that the alumni of various departments are involved in are as follows : Resource Persons and Chief Guests for various activities and programs, conducting lecture demos in areas of their domain expertise, giving scholarships and endowments to current students, guidance and recommending the college for admissions to family and friends.

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)

 1. Academic functioning : The college inculcates the culture of collective responsibility among its faculty members and Departments. The college delegates authority and provides operational autonomy at various levels. Vice Principals and head of the Departments are empowered and academic autonomy is provided to the Departments under the supervision of Principal. It helps to implement effective decentralized governance. Due to this academic freedom Departments prepare their academic planner and schedule of various activities, skill based courses, Time table designing and assigning of projects to conduct workshops/hands on training program/guest lectures on areas as per the requirement. 2. Administrative functioning : The college Registrar do the administrative responsibility distribution under the guidance of Principal. He monitors the day to day functioning of administrative staff. All the Departments prepare budgets at departmental level as per their requirement and final budget is prepared by office on basis of Departmental inputs.

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

Yes

6.2 – Strategy Development and Deployment

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

Strategy Type	Details
Research and Development	A Research Committee is appointed by the Principal of the College for improving the standards of learning and research and for encouraging teachers and students for undertaking research projects. Under the guidance of the

	Academic Research Coordinator appointed by the University, and the Principal various departments of the College organize National, International conferences, symposium and workshops annually to promote research activity in the institution. The achievements of the teaching staff is appreciated and acknowledged and they are felicitated for their research paper publications in national and international journals during college Common Meetings, national festivals and annual functions
Library, ICT and Physical Infrastructure / Instrumentation	The IQAC of the College has signed an MoU with the IQAC of 200 other which fall under the jurisdiction of Pune University and Maharashtra. The college provides expensive software's, physical infrastructures and instrumentation facilities under DBT Star College DST Fist scheme. This has also enabled researchers, teachers and students from other colleges, who have signed an MoU, to avail the facilities of our College and viceversa.The College also provides facilities and space for conducting competitive exams and SET exams of the University.
Industry Interaction / Collaboration	To acquaint the staff and students of the College with current industrial and corporate scenario HR meets are conducted. The College has organized placement drives twice in the campus this year. Total 50 Companies participated. The Placement cell of the College has organized eight Placement drives. Workshops and interactions are organized with students and teachers to enhance employability skills among students. Our alumni, who hold high positions in Corporate and Industries, also provide guidance to current students. The college regularly conducts activities under its Entrepreneurship development Cell. The college is also planning to start an Incubation Centre for its students.
Admission of Students	The College has equipped itself to provide all admission formalities. Online admission is done through Vriddhi Software wherein students' data is used for official correspondence and administrative work. This online admission procedure is taken care of by the admission committee where students are provided assistance in filling up forms. Later their forms are

	scrutinized and verified by the admission committee. Career Counseling is also done. There are few departments that conduct entrance test for admission to various courses. This also is done under the guidance of admission committee and Vice Principal of the concerned faculties.
Curriculum Development	All undergraduate and post graduate courses run by the College follow the curriculum of Savitribai Phule Pune University. The College designs its own curriculum for Add on Certificate courses, skill based courses. Skill based courses are designed and planned under various departments keeping in view the demographic diversity and socioeconomic background of the students. The College also runs a self designed curriculum for the Bachelor of Vocational Studies (B.Voc)as well. The College follows credit system for PG Level wherein there is a flexibility to design various academic activities and Choice based extra credit skill based courses.
Teaching and Learning	The Management of the College ensures a proper teaching learning environment. A College Feedback Committee has been constituted so as to obtain a detailed online feedback from the students regarding teachers' efforts in classroom teaching. These reports are shared with the teaching staff of the College from time to time. Based on the feedback, concerned teachers are guided and suggested to take practical's, Add on,bridge courses, ICT based teaching and implement other methods to improve and enhance teachinglearning process.
Human Resource Management	The College has been a backbone for many all round activities to ensure a healthy environment for its employees. Cultural Programmes are conducted under Staff Academy to spread positive energy in the campus. Under this forum, programmes like Yoga Day, Women's Day are also organized for stress management and awareness. Teaching faculties are given Duty Leave to participate in national and international conferences. To upgrade and enhance the standards of academic environment, permanent teaching faculties are sent to various refresher, orientation and Short Term courses. Some departments of the

	College also conduct refresher, Faculty Development Programme and Short Term Courses.
Examination and Evaluation	The Principal, College Examination Officer and VicePrincipals collaboratively conduct meetings and workshops for faculty members and staff of the College for smooth functioning of examinations and evaluation process. Information regarding supervision duties, rules of answer sheet evaluation is intimated regularly to all the staff members of the College. Internal examinations are also conducted. Students are shown their internal exam answer sheets to maintain transparency. University question papers are received online through University website. The college provides seating arrangements and results online to students for quicker and faster methods of accessibility and support.

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

E-governace area	Details
Student Admission and Support	Online tools are used to provide constant support and assistance to the students and update them on all academic and administrative matters through notices regularly. Vriddhi notices and feedback forms are made available for students on the college website. Besides this, online messages and short messaging services are also used to communicate official information. The teaching faculty has also created google groups and whatsapp groups to post updates and news related to academic and official documents.
Examination	The College conducts annual and Semesterwise examinations smoothly. The seating arrangement of the students is provided online to avoid chaos and confusion on the examination days. This also saves time, controls stress of the students during examinations. Notices related to exams are also posted and updated on priority basis. Thus the Chief Examination Officer and examination committee in College ensures transparency and quicker methods of conducting exams. Besides this, marks of the internal exams and semester exams are also sent to the University online. College also displays Internal Examination Results

	Online on College Website. Examination system of the college is studentfriendly.
Planning and Development	The College has equipped itself to provide all admission formalities under one roof. Online admission is done through Vriddhi Software wherein students' data is saved and used by the College for further correspondence in all official and administrative work. This online admission procedure is taken care of by the admission committee where students are provided assistance in filling up forms. Later their forms are scrutinized and verified by the members of the admission committee. Career Counseling is also a part of the admission procedure. There are few departments that conduct entrance test for admission to various courses. This also is done under the guidance of admission committee and Vice Principal of the concerned faculties.
Administration	The College makes continuous efforts to go paperless in all its administrative and official work. All functions of the college are carried out online and is computerized in order to maintain transparency while sharing information within the college, faculties and departments. Flowchart – Principal Vice PrincipalHeads of the Departments Staff members
Finance and Accounts	Fully equipped computerized methods are followed to keep track and records of all finances of the College. Advanced software is used to preserve scanned documents, efiling and budget transactions accurate. The Management checks, verifies and guides the finance and accounts section from time to time.

6.3 – Faculty Empowerment Strategies

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

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Nil	Nil	Nil	0
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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)
2018	Science Teachers' Training Programme	Not Applicable	14/07/2018	14/07/2018	12	0
2019	"Patent: an area to know" (Under DBT Star Scheme)	Not Applicable	29/01/2019	29/01/2019	58	0
2019	How to Establish and Strengthen Counselling Cells in College Campuses	Not Applicable	12/02/2019	12/02/2019	80	0
2019	State Level Conference on Innovative Teaching Pedagogy	Not Applicable	22/02/2019	23/02/2019	135	0
2018	Not Applicable	Laboratory Safety and Maintenance	27/09/2018	27/09/2018	0	38
2019	Not Applicable	Use of ICT Tools in Office Administration	24/01/2019	24/01/2019	0	15
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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
Microeconomic Analysis	1	01/01/2019	01/03/2019	90
Consumer Behaviour	1	01/01/2019	01/03/2019	90

Exploring Dimensions conducted by Teaching Learning Centre (PMMMNMTT), SP Pune University Dept. Of Sociology, Modern College of Arts, Science Commerce, Ganeshkhind, Pune.	7	22/10/2018	28/10/2018	6
Online Certificate Course in Research Methodology conducted by Laxmi Book Publications, Solapur	1	20/11/2018	05/12/2018	15
National Seminar on Animal Cell Culture" organized by HRDC	1	08/05/2018	14/05/2018	8
State level conference on Innovative Teaching Pedagogy	4	22/02/2019	23/02/2019	2
Workshop on Taxonomy Biodiversity, Exsitu conservation applications of Fungi Conducted by MACS Agharkar Research Institute, Pune 4	1	21/05/2019	28/05/2019	8
FDP on PatentAn important area to know Organized by Department. Of Biotechnology, Modern College, Pune 16	10	29/01/2019	29/01/2019	1

'Train the trainers. Course organized by TLC, SPPU and S.P.College, Pune.	2	10/05/2018	15/05/2018	5
Matlab using Octave	1	30/03/2019	30/03/2019	1
The Joy of computing using Python	1	15/07/2018	15/10/2018	90
Image and Video Processing from Mars to Hollywood with a stop at Hospital	1	01/11/2018	31/01/2019	92
Introduction to Biostatistics, IIT Bombay	1	27/07/2018	22/09/2018	60
Introduction to Proteomics, IIT Bombay	1	27/01/2019	27/03/2019	60

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

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
109	149	57	57

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
Credit cooperative Soc. (Pat Pedhi), Staff Medical Insurance	Credit cooperative Soc. (Pat Pedhi), Staff Medical Insurance, Exgracia	Students Aid Fund contributed by staff members of the college, Scholarships by teachers personally, Scholarships by Alumni, Counselling, Earn and learn

6.4 – Financial Management and Resource Mobilization

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

Institute maintains finance and accounts systematically. Management takes periodic review of financial position of the organisation. Institution conducts internal and external financial audits regularly. Internal audit is conducted after every six months. External audit is conducted after end of accounting period. Internal and external auditors are appointed by parent institute. Audit report and audited statements of accounts are discussed in College Development Committee, Board of Life Members and also submitted to Business Council of Progressive Education Society. Queries and suggestions are resolved satisfactorily. The institute also ensures timely submission of audited utilization certificate to various funding agencies.

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
Savitribai Phule Pune University	1090096	Equipment Workshop Seminar Earn Learn

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6.4.3 – Total corpus fund generated

0

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	IQAC Cluster India	Yes	Progressive Education Society
Administrative	No		Yes	Progressive Education Society

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

1. Scholarship to Rank holders given by a parent of a student from Commerce Faculty 2. Guest lecture by a parent of a PG student from Microbiology department on Health and Hygiene awareness. 3. Inviting parent participation during Anubhuti which aims to promote science through community participation

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

1. Ashayghan, a cultural program organised on 23 Feb. 2019 for exhibiting expression of staff. 2. Weight and Health Checkup Campaign organised by the Staff Academy and The Fitness Forum on 28 Feb. 2019 3. Capacity building activities for Administrative and Support Staff.

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

1. Introduction of new Programs 1.1 Ph.D. Research Center in Biotechnology 1.2 BCA Computer Application 2. Conducted Certificate courses in 2.1 Vedic Mathematics 2.2 C Programming 2.3 Gender Development 2.4 Basics of Nano Sciences 3. Organised Value Added Courses 3.1 Development : Exploring Dimensions jointly with Savitrubai Phule Pune University 3.2 Modeling and Simulation using MATLAB.

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	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants

2018	World Food Day	16/10/2018	16/10/2018	16/10/2018	147
2018	Short Term Course on Development : Exploring Dimensions under TLC of SPPU	22/10/2018	22/10/2018	29/10/2018	19
2019	District Level Workshop on Developing Practical Approach on use of Solar Energy	14/02/2019	14/02/2019	15/02/2019	38
2019	State Level Conference on Innovative Teaching Pedagogy	22/02/2019	22/02/2019	23/02/2019	135

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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
Quiz Competition –National Commission for Women. National Level Competition on "Laws Related to Women" organized in the College	21/01/2019	21/01/2019	62	68
Certificate Course for under graduate – 'Gender and Development' with Women's Studies Centre, SPPU	22/01/2019	22/02/2019	12	10
'Gender Issues in current	31/08/2018	31/08/2018	40	34

Techno-Socio Environment' deliberation and discussion by Team Abhivyakti				
Guest Lecture: 'Cyber Crime and Women Security' by PSI , Shri. Dhome	28/12/2018	28/12/2018	45	20
Vidyarthini Manch (Nirbhay Kanya Scheme)- I	10/12/2018	10/12/2018	104	0
Vidyarthini Manch (Nirbhay Kanya Scheme)- II	22/12/2018	22/12/2018	111	0
Vidyarthini Manch (Nirbhay Kanya Scheme)- III	29/12/2018	29/12/2018	126	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

Alternate Energy Initiative and Energy Conservation: Installation of Solar Wind Hybrid Power Generation Plant in the year 2016 and its upgradation in 2017 is a very important step for energy conservation and its role in sustainable national development. The average annual purchase from MSEDCL is 1,99,080 kWh. The annual energy generated is 23,400 kWh. it means the percentage of total annual power requirement made by renewable energy resources is 10.51. Annual lighting power requirement is 37,632 kWh. Use of LED bulbs meets our requirement of 13,529.6 kWh annually. Thus 35.95 of lighting power is met by LED bulbs. As per the recommendations of the energy audit, the institution is in the process of replacing fluorescent tubes by LED bulbs, replacing old ACs and other instruments by star rated one. Efforts are being made to create awareness in stakeholders about sustainable use of power. Environmental Consciousness and Sustainability Initiative: 1. Mula River Cleaning drive organized in collaboration with Pune Forest Division, Pune Municipal Corporation, Botanical Survey of India, Biosphere and Samarth Bharat on 3rd June 2019 (Participant 212) 2. Plastic Collection Drive at Pachgaon Parvati organized in collaboration with Pune Forest Division, Pune Municipal Corporation, Botanical Survey of India, Biosphere, and Samarth Bharat for collection of plastic waste on 4th June 2019 (Participant 108) 3. Tree Plantation program in collaboration with Modern AgriBiotech College, Kule Dakhane, organized on 21st July 2018 at village Kule. (Participant 218) 4. Training program on Biodiversity Assessment was organized for M.Sc. students from 9th to 11th January 2019 (Participant 36). In this workshop, students got an opportunity to gain the knowledge and experience from Indian Forest Service officers, Government of India. 5. A special programme "Conserve mother earth" was organised by SYBSc students where they presented their topics of faunal Conservation in front of the school students of Lawarde and Urawade on 08th Jan 2019 (Participant 58) 6. Exhibition of wild vegetables organized in collaboration with Shaswat Organics, Model Colony, and Pune on 30th September

2018 (Participant 50) 7. A Conference on "Biodiversity of Greater Pune" was organized on 4th January 2019 in association with Pune Municipal Corporation, Biosphere (Participant 82) 8.Brainstorming workshop on "Environmental issues in Pune City" organized in association with Pune Forest Division, Pune Municipal Corporation, Botanical Survey of India, Biosphere, and Samarth Bharat on 5th June 2018 (Participant 42) 9. Exhibition on flora and fauna of the Western Ghats and Plastic Pollution was organized on 4th and 5th June 2018 at Jawaharlal Nehru centre Ghole Road on occasion of World Environmental Day – 2018 (Participant 52) 10. Environmental Awareness did during Ganesh Utsav on 15 September 2018 (Participant 10)

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	23
Provision for lift	Yes	23
Ramp/Rails	Yes	23
Braille Software/facilities	Yes	8
Rest Rooms	Yes	23
Scribes for examination	Yes	8
Special skill development for differently abled students	Yes	13
Any other similar facility	Yes	21

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	1	08/09/2018	4	Bank Connect	Designed syllabus and oriented the students on the financial inclusion and financial literacy	10
2018	1	1	09/09/2018	2	Traffic Awareness Programme.	Traffic Awareness Programme Jointly Organized with RTO	45

							Pune	
2018	1	1	21/08/2018	8	Conserve Mother Earth8	Organised by SYBSc students where they visited 2 schools in Lavarde and Urawade. Our students made the school children understand and learn the importance of faunal conservation.	58
2018	1	1	10/09/2018	4	Visit to Nearby National Institute NCMRNCCS	Students saw facilities like MALDITOF, FAME, Next generation sequencer	51
2018	1	1	10/09/2018	1	Suicide Prevention Awareness Campaign at Modern High School, NCL Campus	Spread Awareness about Suicide Prevention with the help of posters and slogans	28
2018	1	1	10/09/2018	1	Suicide Prevention Awareness Campaign at Modern College Campus	Spread Awareness about Suicide Prevention with the help of posters and slogansSpread Awareness about	28

						Suicide Prevention with the help of posters and slogans	
2018	1	1	10/09/2018	1	Suicide Prevention Awareness Campaign in Modern Law College campus	Spread Awareness about Suicide Prevention with the help of posters and slogans	28
2018	1	1	12/10/2018	1	Suicide Prevention Awareness Campaign at Modern High School and Junior College	Spread Awareness about Suicide Prevention with the help of posters and slogans	28
2018	1	1	15/10/2018	3	Environmental Awareness	Environmental Awareness During Ganesh utsav	10
2018	1	1	21/09/2018	2	Ummeed, College Community Mental Health	SelfCare Module: which includes diet and food habits, exercise, discussion on hobbies and relaxation techniques.	25
2018	1	1	21/09/2018	4	Visit to Nearby National Institute NCMRNCCS	Students saw instruments like Confocal microscopy, FACS, Cell repository,	35

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

Title	Date of publication	Follow up(max 100 words)
Teacher's diary	22/06/2018	The mission of the institution is to develop Modern youth as responsible citizen by inculcating human values along with scientific insight for which various efforts are being done. The institution follows the code of conduct of S.P. Pune university and the parent institution. It is published every year in the Teacher's Diary which is maintained by every teacher and is duly signed by HOD, Vice Principal and Principal. The code of conduct for students is made available in the prospectus every year and also displayed on campus in the form of display boards.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
National Science Day	02/03/2019	02/03/2019	22
Dr. Babasaheb Ambedkar Birth Anniversary	14/04/2019	14/04/2019	135
National Mathematics Day	22/12/2018	22/12/2018	16
National Statistics Day (Birth Anniversary of Dr. P.C. Mahanobis	26/06/2018	26/07/2018	12
Lokmanya Tilak Death Anniversary	23/07/2018	23/07/2018	51
Social reformer Nana Shankarsheth birth anniversary	31/07/2018	31/07/2018	20
Annabhau Sathebirth anniversary	01/08/2018	01/08/2018	32
Documentary on Kranti Din	09/08/2018	09/08/2018	26
Banking Day	11/08/2018	11/08/2018	85

Independence Day Celebration	15/08/2018	15/08/2018	350
Rakasha bandhan festival	27/08/2018	27/08/2018	97
Hindi Divas	09/09/2018	09/09/2018	50
Mahatama Gandhi Lal Bahadur Shastri Birth Anniversary	02/10/2018	02/10/2018	200
Vachan Prerna Din	15/10/2018	15/10/2018	24
Dr. A.P.J. Abdul Kalam Birth Anniversary	15/10/2018	15/10/2018	54
Valabbhai Patel Birth Anniversary	31/10/2018	31/10/2018	81
Dadabhai Nouroji birth anniversary Death anniversary of Indira Gandhi	31/10/2018	31/10/2018	14
Savitribai Phule Jayanti	03/01/2019	03/01/2019	64
Netaji Subhashchandra Bose	23/01/2019	23/01/2019	50
M. G. Ranade Birth Anniversary	18/01/2019	18/01/2019	13
Republic Day Celebration	26/01/2019	26/01/2019	300
Chatrapati Shivaji Maharaj Birth Anniversary	19/02/2019	19/02/2019	200
Marathi Bhasha Din	27/02/2019	27/12/2019	41

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

1. Drip irrigation and sprinkler for watering the garden and campus plants. 2. Effluent water plant to convert laboratory waster water into recyclable water used for oncampus trees 3. Reuse and recycling of paper waste 4. Recovery and recovery of solvent 5. The ewaste collection drive is implemented throughout the academic year. 6. Cactus garden with near about 65 different varieties of cactus is developed in a college campus 7. Awareness among students by arranging field visits, guest lectures, conferences, workshop, and seminar 8. Formation Cycling club 9. Formation of Trekking Club 10. Scientific disposal of biowaste

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Best Practice 1 1. Title of the Practice: Disposal of biowaste in Life Science departments of the college. 2. Goal: To take an initiative in maintaining a clean and healthy environment for all stakeholders of the college and community at large while ensuring the safety of personnel at risk. 3. The Context: Life science departments viz. Microbiology, Biotechnology, Zoology and Botany generate waste of different types viz. dry, sharps (broken glassware, used blades, needles etc.) and wet including biological waste some of which may be

biohazardous. Such waste cannot be disposed of without proper segregation, else it may pose a hazard to various stakeholders of the college and community at large. Inadvertent exposure to sharp and biohazardous waste can lead to cuts, wounds, infections or spread of disease. The support staff of Microbiology and Biotechnology Departments re at a higher risk of contracting infections since they handle biohazardous material and glassware and clean the laboratories. 4. The Practice: In order to ensure health and safety of the support staff, they are vaccinated at the Health Centre, Savitribai Phule Pune University and it is ensured that they use safety gear like a mask, handgloves etc. while handling the waste. The waste is first segregated as per the as per guidelines of the Pune Municipal Corporation into dry, wet and sharps. The decontamination of wet waste (by autoclaving at 15 PSI for 30 min) is carried out prior to disposal in Microbiology and Biotechnology departments. Before the waste is handed over to the Common Biomedical Waste Treatment Facility Centre (CBWTF), PASSCO Environmental Solutions Pvt. Ltd., it is segregated in different bags as per the following color code: ? Red Bag – for Class VII solid wastes like gloves, injections, saline bottles and all types of plastic wares (to be cut before disposal) including tubings and catheters. ? Yellow Bag – For Class I wastes which include human cells, tissues, organs or part of it. ? For Class II wastes such as animal wastes. ? For Class III wastes like Microbial and Biotechnological wastes. ? For Class V wastes which includes cytotoxic chemicals or expired drugs and bloodcontaminated wastes. ? For Class VI wastes such as Cotton, bandages which come in contact with blood or body fluids. ? White Transparent Bucket/ Container – for Class IV wastes such as Blades, syringes, scalpels, glass pieces. After decontamination, they are enclosed in a thick cardboard box and then the white barcode sticker is applied. The weight of the waste is recorded at the time of handing over and an entry is made in the Waste disposal Entry Book, duly signed by the receiver. 5. Evidence of success: There is no reported outbreak of disease amongst the students, staff members or community at large due to faulty waste disposal practices. 6. Problems Encountered and Resources required: The support staff required to be oriented and trained with respect to handling and segregation of waste, decontamination of wet waste and its proper disposal. For an educational institution, the expense of proper waste disposal becomes a burden. The institution is committed to ensuring the safety of all stakeholders and the protection of the environment. Best Practice 2 1. Title of the practice : Additional coaching for enhancing the career potential of advanced learners 2. The objective of the Practice : To strengthen basic concepts, improve computational skills and to motivate the students to pursue higherorder career opportunities in mathematics 3. The Context : Mathematics is a mother all disciplines. Interdisciplinary research requires the application of mathematics for analysis and interpretation. It is observed that the students are not aware of the scope and applicability in daytoday life. It is the need of the hour to apprise students about emerging opportunities and trends. 4. The Practice : In class, there are two different proficiency levels among students. Some are interested in mathematics but lack the basic understanding of mathematical concepts and hence cannot perform well in examinations. On the other hand, a few students are advanced learners. These students are interested in pursuing higher order career options in mathematics. In order to enhance career potential of such students and for other interested students, the Department of Mathematics organises 'Summer Training Program' regularly in the second week of June for eight to ten days. Inhouse faculty members, as well as external experts, conduct lectures during the summer program. These lectures focus on basic concepts that are part of the current syllabus. Also, some additional inputs are provided. Sessions for solving complex theoretical and applicationbased problems, video lectures and interactive learning sessions are organised during this summer training program. 5. Evidence of Success : As an outcome of the training program, four students have selected 'Mathematics

Talent and Training Search' (MTTS) organised by the National Board of Higher Mathematics. Also enhanced confidence level among students is reflected in their increased participation at National level 'Madhava' Mathematics Competition and also in pursuit of postgraduate studies in Mathematics. 6. Problems Encountered and Resources Required : • Fear of mathematics since school years percolates during undergraduate education • Lack of logical thinking • Extra working hours during the regular teaching schedule

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

https://www.moderncollegegk.org/naac_criterion_VII.php

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

IQAC Cluster of India : PE Society's Modern College of Arts, Science and Commerce, Ganeshkhind has been one of the lead colleges to lead IAQC Cluster. This is an initiative of mentoring and supporting HEIs for enhancing quality in higher education through cooperation and by providing neighbourhood assistance. Goals of the Cluster • To create a performing IQAC in HEIs of India with adequate knowledge, skills and quality tools through cooperation. • To provide a 24 X 7 knowledge support to the remotest institutions in India with the easiest available technological support Scope/Reach : Nine clusters comprising of 220 colleges have been formed and are working well. (Two in Pune, One in Solapur, One at Khamgaon, Four in Mumbai, one in Bidar, Karnataka. One independent cluster at New Delhi) Methodology : Whatsapp groups/ Telegram group and Google groups help communication over distances and help sharing details. It is a group which is dedicated to discussion on issues such as IQAC, NAAC and areas of higher education. Now have launched a website : www.iqacclusterindia.com to provide essential information and work as a ready reckenor for aspiring HEIs. Activities / Outcomes • Hosted and facilitated (10 in 201819) meetings of the cluster for designing syllabus for FDPs and creation of SSR Manuals as and dissemination of Manuals. • The cluster is working for generating awareness about the processes and procedures of IQAC for creating a healthy work culture at academic institutions. • Standardized the procedures and processes of IQAC to segregate different activities of Quality Assurance, quality control, and quality planning. • Instrumental signing of MOUs (8 from Maharashtra and 1 from Karnataka) covering 217 HEIs so far. • Conducted various types of need based IQAC programs such as • Faculty Development programs (FDP) for IQAC coordinators and IQAC personnel, • Special workshops for Principals. • Introductory and concept workshops for colleges • Conducted one week FDP's on IQAC and NAAC methodology at o Savitribai Phule Pune University, HRDC Pune o Satish Pradhan Dynansadhana College Thane. o Velankar College, Solapur in association with Solapur University o Mumbai University o Faizpur, Jalgaon University, sponsored by Pune HRDC • Trainers' Training Six hundred IQAC Coordinators and IQAC Personnel have been trained. • Inhouse Programs: For a large number of colleges for understanding various aspects of quality, NAAC criteria, and IQAC. • Analysis of SSR before it is sent to NAAC • PreNAAC visit guidance • Academic and Administrative Audits about the methodology of filing and complete guidance about NAAC accreditation process. MOUs : From November 2017 to February 2019, total of 217 HEIs from Maharashtra have signed MOUs. Recently, sixteen HEIs from Karnataka have also signed MOUs in this cluster. • National Seminar on "Innovative and Best Practices in Higher Education" was organized by the institution in collaboration with NAAC, Bangalore and in association with CEDA, Pune and IQAC Cluster India on 26th July 2019.

Provide the weblink of the institution

8.Future Plans of Actions for Next Academic Year

 1. New Programs to be introduced : (a) MCA Science, (b) MA Psychology, (c) MSc Mathematics, (d) BSc Statistics, (e) BSc Blended (in collaboration with University of Melbourne, Australia). A new course on Defence and Strategic Studies to be introduced in BA. 2. Quality Enhancement Initiatives : National Seminar by IQAC : IQAC of PES Modern College, Ganeshkhind, Pune would be organizing a One Day National Seminar on Innovative and Best Practices in Higher Education (NAAC related Mentoring Program for Colleges) jointly with National Assessment and Accreditation Council, (NAAC) Bengaluru, Savitribai Phule Pune University and in association with CEDA, Pune and IQAC Cluster India. The Seminar aims at bringing policymakers on a single platform to discuss various issues like Paramarsh scheme of UGC, UGC Quality Mandate, Outcome Based Assessment and Accreditation Process, Concept of Consortium of Academic and Research Ethics (CARE), New Education Policy etc. 3. Other initiatives : (a) International Conference by the Department of Biotechnology : Department of Biotechnology would be organizing an international conference under the aegis of BCUD, Savitribai Phule Pune University, Pune entitled Biotechnology: Perspective and Challenges. The conference aims to bring together the academicians, scientists and manufacturers from different institutions, universities, colleges and industry to discuss the relevance of various futuristic technologies emerging in the area of Biosciences throughout the world. (b) Science Fair : A one day Science Popularization Program 'Science Fair' to be organized for popularizing science and spirit of inquiry among students from colleges and school. To seek sponsorship from the Department of Biotechnology (DBT), Government of India. Participants from several schools and colleges in Maharashtra and Karnataka to be invited. The fair would also conduct science popularization lectures by the stalwarts and would invite entries for Poster/Model/Project Competitions. (c) Training of Learning Management System (LMS) to the Teaching Staff (d) Edead stock register (e) Developing Research Policy Document 4. Promotion of mentoring system