



SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE

**PASHAN ROAD, OPPOSITE SAVITRIBAI PHULE PUNE UNIVERSITY,
GANESHKHIND, PUNE 411016.**

411016

<https://www.moderncollegek.org>

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

P.E. Society's Modern College of Arts, Science and Commerce, Ganeshkhind established in 1992 with 230 students, now hosts 6106 students under 9 undergraduate, 13 post-graduate and 4 MPhil/PhD in various classical and interdisciplinary programmes. Students from 24 Indian states and 18 countries display vibrant demographic diversity. Women power is the striking feature of this co-education institution with over 50% girl students and 70%+ women faculty members. We have state-of-the-art physical, sports and IT infrastructure, well-equipped laboratories and well-stocked library with e-resources that enables quality teaching-learning-evaluation process. A good number of students have secured university rank and gold medals and are passing competitive examinations and representing the college in extra-curricular and outreach activities. Academic achievements of students enabled the college to leave a mark on Pune's educational map. The college has been awarded with prestigious **Star Status** from the DBT, Government of India, being the first college under SP Pune University. The college is supported under DST-FIST and different UGC grants and has been sanctioned in 2021 prestigious **DBT-BUILDER** programme. Faculty members received research grants of Rs. 2 Crores in the last 5 years from various funding agencies like UGC, DBT, SERB, ISRO, DAE-BRNS, Australia-India-Council and SP Pune University. Besides, college has a provision of providing seed money to the research aspirants. College has several national and international linkages and collaborations like with RMIT University, Australia, University of Melbourne, Australia, Louisiana University, USA and many more for collaborative research and student and faculty exchange. One of the striking features is that more than 2000 under-graduate and 700 post-graduate students have undertaken independent research projects. The students and faculty members have a substantial number of publications in research journals of repute besides filing patents. The college has a registered alumni association contributing to college development. The college being the Founder Institution of IQAC Cluster, has displayed its leadership for a National Movement for collective upliftment of HEIs. With its research prowess, the college is engaged into mentoring other HEIs for Research. In its journey toward excellence, college has brought together different stakeholders and is ready to advance towards autonomy.

Vision

Create Vibrant Knowledge Society driven by 'Progressive' ideas and 'Modern' techniques in education

Mission

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

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

- Academic Autonomy
- Proactive and supportive management
- Experience of multi-faculty education, diverse programmes
- Catering to students of diverse socio-economic group from several states and countries
- Higher percentage of female students and teachers
- Research-based learning environment
- Proven leadership in research and administration
- Well-equipped laboratories and well-stocked library
- ICT-enabled infrastructure and optimal use in teaching-learning-research and evaluation
- Higher percentage of women teachers
- Socially responsible college balancing global and local requirements

Institutional Weakness

- Industry academia gap
- Academic rigidity under affiliating system
- Employee turnover
- Located in neo-urban transit hub

Institutional Opportunity

- Exploration of emergence of Pune as a hub for industries and institutes of national and international importance
- Effective implementation of Autonomy and NEP
- To explore optimally the linkages and collaborations
- To explore possibilities of Student and faculty exchange at National and International level
- To further enhance inter- and multi-disciplinary research
- To engage and explore well-placed alumni for generating corpus and placement opportunities

Institutional Challenge

- To keep the pace with changing scenario (Academic, technology, research, innovation)
- Consultancy services
- Vertical growth is restricted as located in metropolitan city

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- Curriculum is very essential component of an education system. Teaching-learning-evaluation, student activities and research revolves around it.
- UG Curriculum was changed from Annual pattern to Choice Based Credit System from June 2019. It introduced more academic flexibility.
- Currently the institution runs 9 UG and 13 PG programs. B.Voc. and B.Sc. (Blended) programs have

been designed by in-house faculty members and approved by affiliating university.

- Our 12 faculty members are involved in curriculum design process and 111 teachers participate in question paper setting and assessment/evaluation process at university level.
- In-house faculty members have designed 14 add-on programs focusing on employability and entrepreneurship.
- Our entire campus is Wi-Fi connected with all ICT enabled classrooms for academic implementation.
- Ten Departments conduct Bridge courses.
- Remedial sessions are conducted to improve slow learners' performance.
- The institute adheres to Academic Calendar for conduct of CIE for achieving academic excellence.
- Different programs integrate cross-cutting issues into curriculum.
- Student-centric activities inculcate core values among students.
- Our multiple courses include experiential learning through project-work/ field-work and internship.
- The institution regularly obtains feedback on curriculum from all stakeholders. Based on feedback, action is taken for quality improvement.

Teaching-learning and Evaluation

- Institute ensures inclusiveness in admission process by following reservation rules and regulations of State Government. Total students in 2021-22 are 6,116 with 2,344 belonging to reserved category.
- Diverse learning levels of the students are assessed to identify gradual and advanced learners. Focused special programmes are organised for addressing learner diversity.
- Currently 152 qualified full time teachers are working for the Academic Year 2021-22.
- Academic calendar covering major events and probable examination dates is prepared.
- Teachers use student-centric methods such as experiential learning, participative learning and problem solving methodologies in teaching.
- Teachers are well trained to use ICT enabled tools and 'MOODLE' Learning Management System (LMS) for teaching-learning-evaluation.
- Mentor-Mentee ratio is 1 : 41.
- Internal assessment mechanism is transparent and robust.
- College practices continuous internal evaluation under CBCS system and observes a prudent grievance redressal mechanism.
- Programme outcomes and course outcomes are defined. Attainment of course outcomes is computed.
- Online Student Satisfaction Survey is conducted by the institute. Feedback from stakeholder on curriculum, infrastructure and teaching-learning process is displayed on the college website. Based on the analysis of the survey required corrective measures are taken. SSS for the academic year 2020-2021 is 3.4.

Research, Innovations and Extension

- **Research grants of Rs. 7.5 crores** from government and non-government agencies were received during the assessment period.
- This enabled creation of **Seed money provision for student and teacher research.**
- State-of-the-art **Central Instrumentation Facility** provides sophisticated analytical and testing avenues.
- **Four research centres; 17 Ph.D. guides** produced **21 doctorates** and **37 current PhD scholars**
- Two **lecture workshops** and a **refresher course** were funded by three apex science bodies in India viz.

Indian National Science Academy (INSA), New Delhi; Indian Academy of Sciences (IASc), Bengaluru and National Academy of Sciences India (NASI), Allahabad.

- Science Popularisation Programmes – Science Fair and Science Adda were conducted with financial support from Department of Biotechnology (DBT) Government of India.
- Under financial support from CTEP (DBT) scientific events (Exhibition, Workshop and Lecture Series) were conducted.
- **Innovation, Incubation and Start-up cell** and **IPR and Entrepreneurship cell** create conducive environment for patenting and start-up culture and encourages out of box thinking
- **25 workshops related to IPR, research and entrepreneurship**
- **Publications: Research articles (206), edited reference books; text book (55); book chapters (74), presented and published research work in conferences (45).**
- **Five patent** applications in process
- **Linkages, collaborations and MoUs:** Industry, Research institutes, Universities within India and abroad for **student exchange, summer/winter schools, training, research, publications, patenting and copyright**
- Expert lecture series, seminars and conferences, discussion forums, quizzes, poster and model competitions, science popularization programmes for the school and college students and interactions with experts
- **120 extension and outreach activities** through NSS, NCC, Red Cross, IWC GenZ, Janeev encompassing health, environment and gender equality to sensitize the students towards societal issues, health awareness that directly inculcates a value system.

Infrastructure and Learning Resources

- The College is spread over 3.5 acres of land with 3 buildings to run 9 Undergraduate and 13 Postgraduate Programmes in Arts, Science, Commerce, Professional Courses and Research Centres.
- College provides sufficient infrastructure like, 37 ICT enabled Classrooms, 42 well equipped Laboratories, 497 Computers 52 laptops, Library, Examination Control Room, IQAC Room, Administrative Office, Seminar Hall, Amphitheatre for cultural, curricular-extracurricular activities, ICT enabled facilities, Staff Rooms, Restrooms, Parking, Canteen, Indoor-Outdoor Sports facilities and Gymnasium, Solar-Wind energy, Botanical Garden and Terrace Garden.
- College has a hostel to accommodate 100 boys at Baner and a hostel to accommodate 80 girls at Shivajinagar campus.
- Auditorium and sports complex are the common facilities made available by the parent body.
- State-of-the-art Common Instrumentation Facility hosts high-grade instrumentation for academic and research purpose.
- College has computers with basic and advanced Software, URKUND to check plagiarism. Student-computer ratio is 14:1. College has 4 physical and 6 virtual servers, 40GB/USER space on cloud for G-suite.
- Infrastructure has been augmented from time-to-time.
- Online Admission is done through Vriddhi and Digital Edu ERP.
- 'Moodle' LMS is used for teaching-learning-evaluation.
- Entire campus is Wi-Fi enabled.
- Two BSNL lines of 100 MBPS and 50 MBPS bandwidth from Limebricks is available.
- Central Library hosts 16762 text books, 20010 reference books and rich e-resources along with Digital Library, Reading room, Audio books for visually-impaired students.
- Standard procedures are followed for utilizing physical, academic and support facilities.

- Policy for maintaining infrastructure is in place.
- Annual maintenance contracts are functional.

Student Support and Progression

- 4,063 students have benefitted from the scholarships disbursed to the tune of Rs. 4,16,86,585 under Government Schemes.
- 3,785 students have gained from the capacity building and skill enhancement initiatives undertaken by the institution.
- Students have availed of the guidance for competitive examinations and career counselling offered by the institution. 205 Students have qualified for competitive exams.
- 7 University Rank Holders and 3 Gold Medalist in University examinations.
- 4,749 students graduated and 1369 students have completed their post-Graduation since 2017.
- The institution has secured 39 awards and medals at different levels for outstanding performance in sports and cultural activities.
- 247 sports and cultural activities/events were organized by the institution/other institutions.
- “Modernites’® is a registered alumni association of the College. It is registered under Public Trust and Society’s Act in the year 2010-11. The Registration Number of Alumni Association is F-38148/PUNE. Modernites ® has raised a fund amounting to Rs. 4,59,277 and endowments and scholarships to the tune of Rs. 2,66,502 given to 56 beneficiaries
- Recently the college has established ‘Industry-Academia-Alumni Forum’ to bridge the gap between industry and academia.
- Diversity audit helps to understand the policies required to be implemented for students hailing from various states, countries and disciplines.
- Separate coordinators are appointed for students from foreign countries, Jammu and Kashmir, North-East States.
- Coordinator for visually impaired and divyagjan students is appointed.

Governance, Leadership and Management

- PES Modern College of Arts, Science and Commerce, Ganeshkhind has a transparent and well-defined governance system.
- The Governing body of the college, through periodic meetings assesses and advises on issues pertaining to the incremental growth and development of the institution.
- The hierarchical organizational structure within the institution, helps to carry out academic, and administrative functions efficiently.
- Transparency is maintained in admission of students and recruitment of staff.
- Welfare schemes of the government and the college are made available to both staff & students.
- Well-designed implementation of evaluation methods ensures transparency and clarity in the examination system.
- An effective feedback mechanism involving all stakeholders contributes towards self-evaluation and achievement of institutional goals.
- Academic standards of students and teachers are updated through Enrichment and Faculty Development Programs.
- Performance-based appraisal system is in place to assess and upgrade skills of In-service teachers.
- Quality improvement strategies are initiated by the IQAC in areas like curriculum development,

teaching-learning, examination and evaluation, research and development.

- The institute is recognized as authorized centre by MHRD as National Testing Agency (Registration Number 19093622445).
- The principal, in coordination with various college-level committees monitors the overall functioning of the institution.
- A transparent and effective grievance redressal mechanism ensures trust, sense of safety and security within the organizational framework.
- The college conducts internal and external financial audits regularly so as to effectively mobilise and utilize financial resources.
- Implementation of e-governance in areas of operation has simplified compilation, collation and documentation of information and also made it easily accessible to all the stakeholders.
- Governance of the college is thus, marked with significant underlying features namely- inclusivity, accountability and credibility.

Institutional Values and Best Practices

- **Gender Equity:** UG/PG curricula addresses multi-dimensions and inter-sectionality of gender. Certificate/Extra-credit Courses are offered on gender aspects. In-house magazines and college fests are committed to promote gender equity. Workshops are organized on gender awareness. Anti-ragging Committee, Internal Committee, Anti-sexual Harassment Cell are functional.
- **Inclusiveness:** College created inclusive environment for students hailing from diverse background. International Students' Cell, cultural programmes, section dedicated to culture in college magazine and in 'Vividha', infrastructure facilities for differently-abled ensure inclusivity.
- Promotion of code of conduct and values is undertaken through induction programmes, commemoration of days of national/international importance.
- **Environmental Consciousness and Sustainability:** Institution strives to conserve environment, use resources judiciously and spread environmental awareness. Solar-wind hybrid power-generation plant/solar and LED bulbs/sensor-based lights/star-rated equipment ensure reduced electricity consumption. Rain-water-harvesting/drip-irrigation/effluent-treatment-plant/leak-free pipelines/e-toilets enable water conservation. Institution has been awarded by Government and NGOs for green-practices and Eco-friendly initiatives.
- **Catering to mental health:** Different practices are planned and executed considering the need to increase attention on mental health of various stakeholders. College commemorates World Suicide Prevention Day and World Mental Health Day to encourage students to express and to generate awareness about mental health literacy. 232 students benefited from Counselling Cell. *Disha* is a peer support group for students. 78 support staff received training in self-care through *Ummeed*. 14 issues of Kaleidoscope magazine, five issues of Mindscape, a research compendium have been published. 60 Students got hands-on experience through *Koshish*, a community-based internship program.
- **Future Banking Forum(FBF):** College has established Future Banking Forum to inculcate values, ethics and disciplined behaviour among students and make them aware about challenges of Indian Banking Industry. 172 students were linked to banks by 26 FBF volunteers. Through Bank Connect 1200 students have opened bank account. FBF has developed a banking-kit, a Code of Conduct and started an in-house blog. It commemorates Banking-Day and provides a research-based platform, *Bank-Mitra*. FBF has developed linkages with banks for undertaking internship program (659 beneficiaries).
- **Institutional distinctiveness:** College introduced student-centric/research-based teaching pedagogies and created a research-based experiential-learning centre. We introduced research projects at undergraduate level under DBT Star Scheme. 1500+UG/700PG students undertook research projects in

last 5 years.

NAAC

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	PROGRESSIVE EDUCATION SOCIETY'S MODERN COLLEGE OF ARTS, SCIENCE AND COMMERCE
Address	Pashan Road, Opposite Savitribai Phule Pune University, Ganeshkhind, Pune 411016.
City	Pune
State	Maharashtra
Pin	411016
Website	https://www.moderncollegegk.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Kharat Sanjay Sopan	020-25634021	9011070912	020-25650931	kharat.sanjay@gmail.com
IQAC / CIQA coordinator	Shah Parag Sumatilal	020-24330037	9881313944	020-25650931	iqacmodernkg@gmail.com

Status of the Institution	
Institution Status	Grant-in-aid and Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details	
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Date of establishment of the college	05-08-1992
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University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document

Details of UGC recognition

Under Section	Date	View Document
2f of UGC	09-01-2009	View Document
12B of UGC	09-01-2009	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC)

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day, Month and year (dd-mm-yyyy)	Validity in months	Remarks
No contents				

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	No
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Recognitions

Is the College recognized by UGC as a College with Potential for Excellence (CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Pashan Road, Opposite Savitribai Phule Pune University, Ganeshkhind, Pune 411016.	Urban	3.5	5917.689

2.2 ACADEMIC INFORMATION

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Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Students Admitted
UG	BBA,Commerce	36	HSC Any stream	English	160	119
UG	BCom,Commerce	36	HSC Commerce Science MCVC	English + Marathi	603	603
UG	BA,Arts	36	HSC Any stream	English + Marathi	360	296
UG	BSc,Science	36	HSC Science	English	80	80
UG	BSc,Science	36	HSC Science	English	255	255
UG	BSc,Science	36	HSC Science	English	30	0
UG	BCA,Science	36	HSC Science	English	175	174
UG	BSc,Science	36	HSC Science	English	45	7
UG	BSc,Science	36	HSC Science	English	360	216
UG	BVoc,Vocational	36	HSC Any stream	English	50	30
PG	MCom,Commerce	24	BCom BBA	English	131	131
PG	MA,Arts	24	Any UG	English + Marathi	60	0
PG	MA,Arts	24	Any UG	English + Marathi	60	44
PG	MA,Arts	24	Any UG	English + Marathi	60	21
PG	MA,Arts	24	Any UG	English	26	26
PG	MA,Arts	24	Any UG	English + Marathi	60	23
PG	MSc,Science	24	B Sc Microbiology	English	52	52

PG	MSc,Science	24	B Sc Zoology	English	25	25
PG	MSc,Science	24	B Sc Statistics	English	26	26
PG	MSc,Science	24	B Sc Chemistry	English	51	51
PG	MSc,Science	24	Any Science Graduate	English	65	65
PG	MSc,Science	24	B Sc Biotech nology	English	24	16
PG	MSc,Biotech nology	24	B Sc Biotech nology	English	53	53
PG	MSc,Comput er Science	24	B Sc Computer Science	English	66	66
Doctoral (Ph.D)	PhD or DPhil,Scienc e	36	M Sc Zoology	English	18	3
Doctoral (Ph.D)	PhD or DPhil,Scienc e	36	M Sc Microbiolog y	English	4	0
Doctoral (Ph.D)	PhD or DPhi l,Biotechnol ogy	36	M Sc Biotec hnology	English	14	1
Pre Doctoral (M.Phil)	MPhil,Scien ce	24	M Sc Zoology	English	4	0
Pre Doctoral (M.Phil)	MPhil,Scien ce	24	M Sc Chemistry	English	4	0
Pre Doctoral (M.Phil)	MPhil,Scien ce	24	M Sc Microbiolog y	English	4	0
Pre Doctoral (M.Phil)	MPhil,Biotec hnology	24	M Sc Biotec hnology	English	4	0

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	1				12				25			
Recruited	1	0	0	1	3	9	0	12	7	13	0	20
Yet to Recruit	0				0				5			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				127			
Recruited	0	0	0	0	0	0	0	0	25	81	0	106
Yet to Recruit	0				0				21			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				14
Recruited	5	4	0	9
Yet to Recruit				5
Sanctioned by the Management/Society or Other Authorized Bodies				18
Recruited	6	10	0	16
Yet to Recruit				2

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				16
Recruited	14	1	0	15
Yet to Recruit				1
Sanctioned by the Management/Society or Other Authorized Bodies				44
Recruited	25	1	0	26
Yet to Recruit				18

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	1	0	0	2	8	0	6	37	0	54
M.Phil.	0	0	0	0	3	0	3	13	0	19
PG	1	0	0	3	9	0	30	85	0	128
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	1	0	1
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	2	9	0	11
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties					
Number of Visiting/Guest Faculty engaged with the college?	Male		Female		Total
	0	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	2707	110	0	6	2823
	Female	2134	80	0	5	2219
	Others	0	0	0	0	0
PG	Male	447	6	0	0	453
	Female	591	15	0	2	608
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	2	0	0	0	2
	Female	1	0	0	0	1
	Others	0	0	0	0	0
Pre Doctoral (M.Phil)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years

Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	355	333	356	426
	Female	439	422	395	447
	Others	0	0	0	0
ST	Male	97	88	89	83
	Female	86	81	82	72
	Others	0	0	0	0
OBC	Male	399	444	470	605
	Female	368	386	435	487
	Others	0	0	0	0
General	Male	1271	1275	1345	1487
	Female	1422	1472	1478	1538
	Others	0	0	0	0
Others	Male	272	295	332	345
	Female	213	226	261	274
	Others	0	0	0	0
Total		4922	5022	5243	5764

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<ul style="list-style-type: none"> • Academic autonomy has been granted to the institute from the coming academic year (2022-23). The institute being multi-disciplinary, process of designing syllabi for academic programmes would take care of inclusion of multi-disciplinary elements. • Different departments have planned inter-disciplinary value-added courses to be offered in autonomous structure. • Currently B.Voc. (Food Processing), BBA (CA) and Biotechnology programmes are offering multi-/inter-disciplinary syllabus. • Some of the Departments conduct collaborative experiential learning activities viz. B.Com. students understand constitutional process of passage of a bill during Mock Parliament. Some of
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the departments screen movies and provide e-resources jointly on inter-disciplinary contents. • Courses viz. Environmental Studies and Democracy, Decentralisation and Governance offered at Under-Graduate are inter-disciplinary. Credits on Human Rights, Introduction to Constitution and Cyber Security offered at PG level are inter-disciplinary. • Certificate / Value Added Courses and specialized courses offered by Departments in Humanities viz. Modi Script, Spoken English are multi-disciplinary in nature. • Students are encouraged to take up multi-disciplinary courses and MOOCs available on Swayam, e-PGPathshala and NPTEL portals. • We are engaged in multi and inter-disciplinary research for instance department of Biotechnology, Zoology and Microbiology are working on antimicrobial resistance in the environmental components and combating it with natural products and nanomaterials. Under DBT BUILDER programme multi-disciplinary, theme based research projects are proposed besides value-added programmes and hands-on workshops for skill enhancement. • Single faculty colleges located in our vicinity and run by our own parent institution (School of Law and Judiciary and School of Education) can be associated as multidisciplinary college to conduct collaborative certificate and value-added courses.

2. Academic bank of credits (ABC):

• Being recently granted fresh autonomous status, the institute is in process of registering on Academic Bank of Credits (ABC) via the National Academic Depository (NAD). This would enable student mobility and academic flexibility. • Currently we run a B.Voc. Food Processing UG course, which has inbuilt academic flexibility with option of multiple entry and exit. • We are preparing asynchronous e-content enabling students to learn at their own pace and their own learning path ensuring flexibility. We already have established and effectively using an LMS : Moodle which can be integrated for ABC. • For MIL course offered by the affiliating University at SYBA, redemption of credit was done for Urdu course with Abeda Inamdar College, Pune. • Sessions are conducted for students by inviting established researchers and academicians from India and abroad for exposing them to current knowledge and recent developments in different areas. • Science Academies' Lecture Series and Refresher Courses

have been arranged for students and teachers from our college and outside with most of the speakers/resource persons being fellow of apex Science Academies of India.

3. Skill development:

- NEP emphasizes on skill development as a tool for empowering youth by bridging the skill gap.
- Skilling enhances the employability : college conducts symposia, conferences/seminars, workshops, hands-on-training programmes, interactive sessions, engage students in project-based learning
- Use of Virtual Lab and virtual dissection for practical purpose is conducted
- MOUs with industry (Manufacturing, IT and Service Sector) are signed for internships.
- Industrial and study tours are regularly organised
- College jointly with Industry organises Soft Skill workshops for final year students. Some of the departments regularly organise department-specific soft-skill workshops
- College is conducting value added skill development courses for instance Quality control in laboratory, Computerised Accounting in Tally and Spoken English
- Special thematic areas have been identified for research and training under DBT BUILDER programme
- Summer/Winter Schools : students are sent to institutes of high repute for their Summer/Winter schools and research projects
- DBT MANAV : Students from life sciences are actively participating in Government of India, Department of Biotechnology (DBT) MANAV (Human Genome Atlas) programme
- Internships/Apprenticeship/On-Job Training : students are motivated and provided necessary support for internships/apprenticeships/on-job training programmes. (Students from Commerce faculty regularly work in Banks on-job trainings, Psychology students work in NGOs on mental health and related issues and students of Sociology work in education sector)
- Expert Lectures : experts are regularly invited for interactive sessions, guidance and expert-lectures for students and faculty members (DBT STAR Lecture Series consists of lectures from the experts from Industry and Academia and are open for all to participate, National Science Academies' Lecture Series and Refresher Programmes, FDP under Teaching Learning Centre, GOI have been conducted)
- Specific Practical and hands-on training programmes conducted under DBT Star
- Research induction programmes have been organised for Post-

	<p>Graduate students • ‘Vividha’ for developing entrepreneurial skills • Employer and Industry representatives on IQAC guide on required skills for enhancing employability. • Industry-Academia-Alumni Forum has been established to get inputs from industry on design of curriculum, training and other collaborative activities. • Industry representatives have been inducted on newly constituted BOS of Autonomous College (Academic Year 2022-23). These experts would guide on required skill-set for Industry 4.0.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<ul style="list-style-type: none"> • College is taking substantial efforts to revive and popularise Indian traditional knowledge by designing and conducting special courses for instance Vedic Mathematics, Modi (Medieval) Script which was used during Shivaji Maharaj era • Under-Graduate and Post-Graduate programmes in the faculty of Arts and Commerce are taught in bilingual way (English and Vernacular) • Marathi, Hindi and Urdu are covered in Modern Indian Languages training, Vachan Prerna Din (Day for cultivating reading habit) and Marathi Raj Bhasha Din are commemorated annually. Book reading club has been started • Ranbhaji Mahotsav : wild vegetables consumed by tribes are exhibited • College organises Tribal Handicrafts Exhibition and workshop on Tribal Arts. • Swar Madhuri : a state-level, university sponsored competition on Classical forms of music is an annual event since 1994-95. • Various activities under Arts circle themed on Indian history, culture and national integration • College magazine, Akanksha covers and highlights Indian culture and encourages international students to know and explore the Great Indian traditions • Some departments publish in-house magazines themed on Indian traditional knowledge and allied systems (Pramey by Department of Mathematics) • Students and teachers are encouraged to undergo Swayam/NPTEL on these subjects. Many of them has successfully completed.
<p>5. Focus on Outcome based education (OBE):</p>	<ul style="list-style-type: none"> • College emphasises on Outcome based learning • College has devised a formal mechanism for mapping of Programme Outcomes (PO) and Course Outcomes (CO) • College has developed a CO/PO manual that covers course attainment and Graduate Attributes • Performance in University examinations, securing ranks and Gold Medals • Rank holders in national

	<p>level professional examinations (CA/CS/CMA) • Outcomes include Placement, Research Publications, Participation in events, Intellectual Property, performance in competitive examinations (MPSC) and discipline specific exams (NET/SLET, GATE, JAM, BET) • Under Autonomy we can pay more attention to monitor OBE.</p>
<p>6. Distance education/online education:</p>	<ul style="list-style-type: none"> • College is an authorised centre offering Distance Education under the name of School of Open Learning of Savitribai Phule Pune University (Affiliating University). Teaching faculty is roped in for dissemination, paper setting and evaluation. • Some of the teaching faculty have contributed for preparing study material and a few teachers have prepared online course for Swayam/NPTEL. • Under the proposed autonomous structure, we are planning to introduce our own distance learning courses. • We are fully using a customised Learning Management System : Moodle, besides Microsoft Teams, G-Suit, Live Streaming of college events is practiced • Infrastructure for e-learning • Capacity building of faculty for online teaching has been done • Teaching faculty reaching out as resource persons for training in distance and online education • Blended BSc Program has a component on hybrid education with Melbourne University, Australia.

Extended Profile

1 Program

1.1

Number of courses offered by the Institution across all programs during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
852	763	638	628	615
File Description		Document		
Institutional data prescribed format		View Document		

1.2

Number of programs offered year-wise for last five years

2020-21	2019-20	2018-19	2017-18	2016-17
21	21	17	17	17

2 Students

2.1

Number of students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
5764	5243	5022	4922	4615
File Description		Document		
Institutional data in prescribed format		View Document		

2.2

Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1361	1372	1335	1294	1062

File Description	Document
Institutional data in prescribed format	View Document

2.3

Number of outgoing / final year students year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1919	1520	1401	1278	1098

File Description	Document
Institutional data in prescribed format	View Document

3 Teachers

3.1

Number of full time teachers year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
139	159	150	140	136

File Description	Document
Institutional data in prescribed format	View Document

3.2

Number of sanctioned posts year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
165	167	150	169	142

File Description	Document
Institutional data in prescribed format	View Document

4 Institution

4.1

Total number of classrooms and seminar halls

Response: 38

4.2

Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
352.55	383.6	432.32	440.51	400.06

4.3

Number of Computers

Response: 497

NAAC

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

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

Response:

- IQAC and Academic Planning Committee plans the academic calendar of the year which projects curricular, co-curricular and extra-curricular activities to achieve the set outcomes.
- Academic Scheduling Committee designs the central time-table. The academic schedule is displayed on the notice board and at our college website for all stakeholders.
- Our institution runs 22 programs designed by Savitribai Phule Pune University and 2 programs viz. B.Voc. and B.Sc.(Blended) programs have been designed by in-house faculty members and approved by the affiliating university.
- 12 faculty members are involved in curriculum design process and 111 teachers participate in question paper setting and assessment/evaluation process at university level.
- In-house faculty members have designed 15 add-on programs focusing on employability and entrepreneurship.
- Online admission process is carried out for all the programs.
- In the beginning of the academic year, workload is finalized and allotted to the staff by the Heads of Department.
- Academic Diary is maintained by all the teachers and checked by the higher authorities. Teachers prepare their teaching plan and record it in the Academic Diary which contains information such as personal time-table, academic planning, result analysis of the subjects taught and daily teaching and activity details.
- We offer Bridge Courses in seven programs to ensure effective curricular delivery.
- Wi-Fi connectivity is available in the entire campus and all the classrooms are ICT enabled.
- Standard reference books and contemporary review articles are referred along with online resources by the faculty members.
- Different teaching pedagogies including participative teaching-learning practices like Quizzes, Group Discussions, Demonstrations, Debates, Power Point Presentations, Allied Projects, Educational games, Industrial and Field Visits, Model Making, Videos, Use of charts and graphs, Hands-on-training, Role Play, Case studies and Add-on Practical etc. are used.
- Institute regularly arranges training programs for the faculty members to implement ICT based teaching-learning process and teachers use complete LMS.
- Virtual Laboratories, simulators are used to conduct online practical sessions.
- Faculty members are encouraged and they actively participate in Curricula Restructuring and the workshops thereof.
- Under CBCS Pattern Continuous Internal Evaluation is being practiced along with the External University Examination. Result analysis of every course is carried out and required cognizance is taken.
- Remedial sessions are conducted to improve slow learners' result. Advanced learners are also taken care of.
- Four students have been awarded with Gold Medals and nine students are among University Rank

holders.

- Effective curriculum delivery is monitored through graduate attributes and their performance in the university examination. Academic Audit is conducted regularly. Formal Feedback mechanism is in place for all the stakeholders. Necessary corrective measures are taken.
- The institution ensures optimum utilization of available infrastructure for effective curricula implementation.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.2 The institution adheres to the academic calendar including for the conduct of CIE

Response:

- Academic calendar prepared by the Academic Planning Committee jointly with IQAC contains schedule of all the planned activities of the institution. The affiliating university's academic planner is also considered while preparing the Academic Calendar.
- The institution ensures strict adherence to all curricular, co-/extra-curricular activities to the planner.
- Execution of planned academic activities is ensured through rigorous monitoring by the concerned authorities
- Teachers and students get a clear picture of the academic schedule. Each department makes its own academic calendar as a subset of the college academic calendar. The calendar facilitates planned coverage of syllabus according to the teaching plan.
- The academic planner also highlights the pattern and coverage of External as well as Continuous Internal Evaluation process. Continuous Internal Evaluation (CIE) is carried out in objective and descriptive manner. CIE is carried out through assignments, quizzes, open book tests, tutorials, seminars, case studies, orals, group discussions, debates, project demonstrations, surveys, case studies and journal completion.
- ICT based internal evaluation process is carried out via Google Classroom and Moodle LMS platforms.
- Time-table for the internal examination is displayed on the college website, notice boards and social media. There is a provision of re-examination for the absent students.
- All the examination and associated events are highlighted in the academic calendar and executed as per the plan.
- Co-curricular Activities such as Induction Program for newly admitted students, teaching faculty and support staff, Exhibitions (department activity specific), Educational Games /competitions, fests, field visits, study tours, guest lecture, industrial visits and prize distribution ceremony are planned and mentioned in the academic calendar. Simultaneous activities like Add-on Courses are mentioned in the calendar. Parent-teacher meetings, Placement activities, proposed national and international conferences are also mentioned in the calendar and implemented timely.
- Extra-curricular Activities like sports and cultural events, Trekking Club, Cycling Club, Arts Circle, talent search competitions conducted during Yuva Saptah (Youth Week) , entrepreneurship

development activities namely Vividha, Alumni Meet have reserved slots in the calendar. In this manner holistic development of students is ensured through rigorous exercise of academic planning.

File Description	Document
Upload Additional information	View Document
Link for Additional information	View Document

1.1.3 Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years

1. Academic council/BoS of Affiliating university
2. Setting of question papers for UG/PG programs
3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses
4. Assessment /evaluation process of the affiliating University

Response: A. All of the above

File Description	Document
Institutional data in prescribed format	View Document
Details of participation of teachers in various bodies/activities provided as a response to the metric	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2 Academic Flexibility

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

Response: 100

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

Response: 21

File Description	Document
Minutes of relevant Academic Council/ BOS meetings	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.2 Number of Add on /Certificate programs offered during the last five years

Response: 53

1.2.2.1 How many Add on /Certificate programs are offered within the last 5 years.

2020-21	2019-20	2018-19	2017-18	2016-17
16	14	9	6	8

File Description	Document
List of Add on /Certificate programs	View Document
Brochure or any other document relating to Add on /Certificate programs	View Document
Any additional information	View Document
Link for Additional information	View Document

1.2.3 Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years

Response: 17.55

1.2.3.1 Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2326	1222	562	301	313

File Description	Document
Details of the students enrolled in Subjects related to certificate/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Response:

Educational Institution, being a very important part of society, has a major role to play while addressing cross-cutting issues.

Issues relevant to Gender-

- BA(Sociology) and MA(Sociology) curricula addresses different issues related to Gender such as Gender Inequality and Discrimination, Gendering Education and Health etc.
- BA (Psychology) and MA (Psychology) program curricula address issues such as Self-concept, Gender and Health, Family and Marital Problems -Social issues, Gender Differences and Cognitive Abilities, Feminist Psychotherapy.
- Second and Third Year of Political Science syllabus covers emancipatory ideologies such as Phule-Ambedkarism, Gandhism and Feminism that emphasizes on gender parity.

Issues relevant to Professional Ethics-

- Moral and ethical values are an integral part of education of the students.
- The curriculum of B.Sc.(Biotechnology) includes courses related to Professional Ethics at third year level viz. Summer Industrial Internship/Startup Design or case study and Biosafety, Bioethics and IPR.
- The curriculum of Commerce Department at M.Com-Sem-I-level titled as ‘Business Ethics and Professional Values’, tries to raise the students’ general awareness on the ethical dilemmas at work place.
- BA(Sociology) and MA(Sociology) programs curricula incorporate topics such as Research and Confidentiality.
- BA(Psychology) and MA (Psychology) programs address topics related to Team Building, Competency Mapping and Ethical Issues in Psychological Testing.

Issues relevant to human values –

- First year curriculum of all Post Graduate programs offers a compulsory credit on ‘Human Rights’.
- BA(Sociology) and MA(Sociology) curricula address different topics such as Issues of Youth and Senior Citizens, Civic issues, Crime against SCs, STs ,DTNTs, women and children, human rights and its relevance at national and global level, social justice etc.
- BA(Psychology) and MA (Psychology) program curricula address issues such as Prejudice

Eradication, Pro-social Behaviour, Happiness and facts of life Well-being and resilience, Misconceptions about Personality, Personality Development etc.

- MA (History) curriculum addresses human values such as socio-cultural and politico-economic ideas of Indian history as well as study of various personalities.
- Bachelor of Vocation (Food Processing Technology) program, old syllabus (till 2019) had one dedicated course termed as Value Education covering personal, social, professional and behavioural values.
- Choice Based Credit System has introduced a compulsory credit course on Democracy, Decentralization and Governance introducing constitutional values at First Year courses.

Issues relevant to Environment and Sustainability –

- Environmental Studies is a compulsory credit course for all Second Year U.G. students. In the course study, students get introduced to Ecology, Ecosystem and learn Environmental Pollution Control technologies and measures for conservation of environment.
- B.Sc. and M.Sc. (Biotechnology) programs include special theory and practical course in Environmental Biotechnology.
- F.Y.B.Sc. (Computer Science) paper on Electronics and F.Y.B.Sc. Physics cover ‘Solar cell’ as a basic component of Solar panels to generate electricity. While teaching, the importance of use of solar energy over the conventional sources is emphasized.
- T.Y.B.Sc. (Physics)-Semester-II course on Electro Acoustics and Entertainment Electronics has a topic on noise reduction in its curriculum.

File Description	Document
Upload the list and description of courses which address the Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum.	View Document
Any additional information	View Document

1.3.2 Average percentage of courses that include experiential learning through project work/field work/internship during last five years

Response: 28.79

1.3.2.1 Number of courses that include experiential learning through project work/field work/internship year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
228	218	199	182	175

File Description	Document
Programme / Curriculum/ Syllabus of the courses	View Document
MoU's with relevant organizations for these courses, if any Average percentage of courses that include experiential learning through project work/field work/internship	View Document
Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses	View Document
Any additional information	View Document

1.3.3 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 91.5

1.3.3.1 Number of students undertaking project work/field work / internships

Response: 5274

File Description	Document
List of programmes and number of students undertaking project work/field work/ /internships	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders 1) Students 2)Teachers 3)Employers 4)Alumni

Response: A. All of the above

File Description	Document
Any additional information (Upload)	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management (Upload)	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback process of the Institution may be classified as follows: Options:

1.Feedback collected, analysed and action taken and feedback available on website

- 2. Feedback collected, analysed and action has been taken
- 3. Feedback collected and analysed
- 4. Feedback collected
- 5. Feedback not collected

Response: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Upload any additional information	View Document
URL for feedback report	View Document

NAAAC

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average Enrolment percentage (Average of last five years)

Response: 84.27

2.1.1.1 Number of students admitted year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1961	2214	2347	2328	2203

2.1.1.2 Number of sanctioned seats year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
2722	2745	2671	2589	2424

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

Response: 84.5

2.1.2.1 Number of actual students admitted from the reserved categories year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
993	1115	1133	1129	1021

File Description	Document
Average percentage of seats filled against seats reserved	View Document
Any additional information	View Document

2.2 Catering to Student Diversity

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

Response:

Assessment of Learning Levels

- The Institute has a well-defined mechanism for identifying gradual learners and advanced learners at the beginning of the year. Different departments have evolved ways of assessing learning levels of the students and organise suitable programmes / schemes for diverse learning needs such as classroom interactions, previous academic performance, results and examination mark, their performance in co-/extra-curricular activities.
- Level of grasping of the subject and interest level among students is ascertained for gauging the learning diversity. Aptitude tests are conducted to identify slow-learners (Department of Chemistry). Advanced learners among Post Graduate students are identified based on their performance in research projects.

Efforts for Advanced Learners

- Advanced learners are then mentored for participating in conference/symposia/competitions and publishing their outcomes in peer-reviewed journals. (Department of Microbiology, Biotechnology, Sociology and Psychology)
- Department of Mathematics provides extra reading and reference material to those who wish to appear for competitive exams.
- Students with the ability to participate, engage and having a desire to learn are being provided with additional assignments such as dissertation, article reviews and movie reviews.
- Advanced Learners are encouraged to conduct Peer-learning sessions. (Department of Political Science, Microbiology)
- Advanced Learners write model answers for circulating those among the students.
- Department of English and Marathi identify the students with a flair for writing and they are given representation in editorial boards of College magazine 'Aakanksha' and other departmental magazines.
- Advanced Learners and enthusiasts are given an opportunity to lead class activities and other departmental events and work as volunteers.
- Commerce Faculty through its 'Future Banking Forum' involves Advance learners in blog writing.
- Advanced Learners from Departments of Psychology and Sociology participate in intercollegiate/state/national competitions, paper and poster presentations organized by academic and research institutions. Their projects cover cross-cutting issues like gender equality, sustainability, mental health awareness.
- Department of Microbiology identifies advanced learners and encourage them to take projects and use high-end instruments for conceptual understanding and hands-on experience.
- Different departments guide students for joining internship and summer training programmes that help them to have practical knowledge and exposure.

Efforts for Students with Academic Lag (Gradual or Slow-learners):

- Different study techniques, question banks and model answers, presentations on basic terms and revision lectures are being organised.
- Hand holding is provided for those who can't articulate, lack writing and communication skills.
- Remedial teaching is organised faculty-wise and in an interdisciplinary way.
- Students are roped into performing departmental tasks, encourage participation in departmental activities.
- Enabling dialogue among students through group discussions and sharing of life experiences.

File Description	Document
Upload any additional information	View Document
Past link for additional Information	View Document

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

Response: 41.47

File Description	Document
Any additional information	View Document

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

Response:

Participative and Innovative Pedagogies are used to achieve the goal of experiential learning:

- The institute encourages, emphasizes and practices research-based teaching pedagogies to give students an experiential learning.
- Under-Graduate students from science faculty are engaged in research projects and some projects are continued during their Post-Graduation for theme-based long-term research project. (DBT-STAR and DBT-BUILDER Programmes) .
- Central Instrumentation Facility with high-end equipment such as HPLC, AAS, FTIR, RTPCR, Nano-Drop Spectrophotometer, Deep freezers is created to give hands-on experience and utility for projects.
- 'Innovation and Incubation Cell' and 'IPR and Entrepreneurship Cell' encourages innovations, product development, idea of start-ups and IPR issues.
- Faculty of Commerce organises workshops and exhibitions to develop student entrepreneurs. Marketing Carnival, Brand rangoli, Cost Fest give practical experience of product development, pricing, marketing and branding.
- College and Alumni Association 'Modernites' jointly organize 'Vividha exhibition', where budding entrepreneurs show creativity and learn business skills.

- Students are encouraged to develop new food products in theme-based competitions and during World Food Day celebrations.
- Annual Science Exhibition ‘Anubhuti’ provides opportunity to explore new ideas through projects, model building and poster making. Students work in groups, do literature surveys, operate instruments and learn new technology from various laboratories and show their talent by doing experiments beyond the curriculum.
- Sessions are conducted on problem-solving skills to develop analytical abilities.
- International annual event ‘Interaction’ and intercollegiate event ‘Magn-IT’ provide hands-on experience through coding-programming, poster/project competitions and video contests and develop ICT techniques.
- Psychology department trains students in project-based learning on thematic issues through Psy-world, annual fest, critical and dialectical thinking and communication through ‘Disha’ speak out and peer support group. Students get first-hand experience by creating Psychometric tools.
- Rangoli and Salad decoration competition on ‘Life sciences’ as a theme helps in clarifying concepts and develops creativity.
- To inculcate imagination and creativity among students, a Literary Carnival is organised.
- Annual Tribal Exhibition is organised jointly with NGO to give an exposure to practical knowledge of diverse social groups and their life-style.
- Geo-Carnival provides platform for model-making and projects that enhances creativity and awareness about environment
- Commerce faculty gives Hands-on exposure to students in Vidya Sahakari, Janata Co-operative and Cosmos Bank to understand real time working of banks.
- Mock Parliament is organized to give first-hand experience of parliamentary working through role plays.
- Students are involved in organising and coordinating activities to develop leadership skills, team spirit and critical thinking skills.
- Group discussions, organising quiz and seminars give conceptual clarity and help students in developing soft-skills like presentation skills.
- Learning through games develop analytical skills, confidence building and vocabulary enhancement.
- Survey based assignments, Field-visits and Study tours motivate students to take up independent research projects.
- Students are sent to National/International Conferences, Internships, Summer/Winter Schools and training programmes in NGOs, Academic/Research institutes to know current research areas and get opportunity to interact with eminent scientists.

File Description	Document
Upload any additional information	View Document
Link for additional information	View Document

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

Response:

College takes efforts for effective implementation of ICT-enabled tools for teaching-learning and evaluation. Training programmes were organised for learning and exploring online Learning Management System (Mograsys, MOODLE) besides online classroom tools like Microsoft Teams, Zoom and Google Classroom. 61 hours of ICT related training programmes were organised. 139 (100%) teachers attended the same.

Workshops for e-content development including video-making, video-editing, audio-visual effects, creating and hosting YouTube channels were organised.

ICT-enabled tools are regularly and optimally used by all faculty members. The college has its own Learning Management System viz. 'Moodle'. It is a tool which brings learning and teaching on the same platform. This system gives the details of all the registered students of the college according to their faculty, department, subject and class. The data is integrated with the online admission platforms. Teachers upload study material and learning resources like videos, power-point presentations, notes on Moodle. The learners join forums for discussions, upload their assignments and projects through Moodle. Internal evaluation is also conducted using LMS platforms. Personalised messages, notifications and declaration of results are communicated through Google Groups and other social media.

Facebook Live and YouTube live are the platforms used to organize online events, competitions and lectures for learning different skills. Teachers use these platforms to reach out to students. Teaching and learning is not restricted to live classes, it goes beyond that due to the use of information shared by teachers on social media. Teachers have their own YouTube channels which they use for live streaming and for sharing of recorded lectures.

To equip teachers to cater to the changing needs and requirements of the students belonging to a highly technical generation, workshops are conducted on new ICT tools and developments in learning management systems. Online teaching, research, learning modules and e-books and virtual labs are made available. The college also provides information to students to avail different virtual labs for English language learning and science practical.

College established linkage with IIT Bombay and use their virtual lab platforms. These virtual labs offer space to students to assess their own knowledge and potential. Use of IIT Bombay's virtual labs for science practical allow students to carry out experiments using computer simulations. Students have also used IIT Guwahati's Virtual English labs wherein exercises based on grammar, vocabulary and pronunciation have helped students improve their English speaking skills.

All these efforts have made effective implementation of ICT enabled teaching-learning and evaluation process.

File Description	Document
Upload any additional information	View Document
Provide link for webpage describing the ICT enabled tools for effective teaching-learning process	View Document

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

Response: 53.87

2.3.3.1 Number of mentors

Response: 107

File Description	Document
Upload year wise, number of students enrolled and full time teachers on roll.	View Document
mentor/mentee ratio	View Document
Circulars pertaining to assigning mentors to mentees	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Response: 91.61

File Description	Document
Year wise full time teachers and sanctioned posts for 5years(Data Template)	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 33.78

2.4.2.1 Number of full time teachers with *Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt.* year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
55	58	47	46	39

File Description	Document
List of number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. and number of full time teachers for 5 years (Data Template)	View Document
Any additional information	View Document

2.4.3 Average teaching experience of full time teachers in the same institution (Data for the latest completed academic year in number of years)	
Response: 8.83	
2.4.3.1 Total experience of full-time teachers	
Response: 1227	
File Description	Document
List of Teachers including their PAN, designation, dept and experience details(Data Template)	View Document

2.5 Evaluation Process and Reforms

2.5.1 Mechanism of internal assessment is transparent and robust in terms of frequency and mode
Response:
<p>A transparent, time-bound and efficient examination and evaluation mechanism is practiced by the Examination and Evaluation Department. University guidelines are strictly followed for the appointment of the College Examination Officer (CEO) and for smooth conduct of examinations. The college constitutes separate Internal Examination Committees for each faculty that work under the guidance of the chair of the committee, CEO, Vice-Principals and Principal.</p> <p>Academic calendar is prepared at the beginning of each semester and is published on the college website and displayed on the notice boards. The schedule of internal assessment of theory courses, laboratory courses, seminars and projects are displayed through notices to the students well in advance. For internal assessment, the question papers are set by faculty members of respective subjects in accordance to the guidelines of the affiliating university. Question papers are submitted to the Internal Examination Committee through respective heads of the department. Transparency and uniformity in the internal assessment is maintained. Internal evaluators are instructed to submit the evaluation reports within a stipulated time. The evaluated answer sheets are shown to the students in class. Student queries, if any, are resolved satisfactorily by the concerned evaluator.</p> <p>The Institute adopted Choice Based Credit System (CBCS) from the academic year 2013 for all Post-Graduate Programs and from 2019 for all Undergraduate Programs. As per the guidelines of the affiliating university, internal and external evaluation has 30:70 weightage in CBCS 2019 pattern. Continuous</p>

Internal Evaluation (CIE) is practiced in all programs. CIE includes group discussions, seminars, assignments and periodical written tests. Result Analysis is done for each subject, class and program.

Online LMS platforms like Google Classroom, Moodle and Microsoft teams are used for conducting CIE. Paper-wise examination schedules are circulated through college notices and/or social media platforms. Marks are shown to the students via their LMS accounts and social media. This provides a transparent way for students to reflect on their strengths and areas of improvements. Discrepancies, if any, are reported by the students and are resolved in a hierarchical manner by the concerned teachers and administrative authorities. Due considerations are given and there is a provision of re-examination for genuine cases of absentee.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

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

Response:

There is a formal and established grievance redressal mechanism for the examination and evaluation work in accordance to the rules and regulations of Savitribai Phule Pune University.

The College Exam Officer plays a crucial role in redressal of grievances. According to the university rules, students are entitled for verification and revaluation of their answer books. After declaration of results and within ten days, students apply for revaluation/ rechecking or for reassessment of answer books in prescribed format. Besides, students also ask for a photocopy of the answer books. The grievances of students are forwarded by the Principal and CEO of the college to the university. Further action is taken by the concerned university authorities. In rechecking, summation of marks assigned by the paper checker is done again and if any change in marks is observed then new mark sheet is issued to the student by the University. In case of reassessment, the examiner evaluates the answer book once again. If demanded by the student for the photocopy of answer book(s), the photocopy of his answer book is supplied by the University. The same mechanism is followed by the college for the first year examinations which have been recently handed over to the college by the University.

Other grievances regarding the examination like erroneously absentee remark for internal assessment or term-end examination in statements of marks, college asks for an application from such students. Then applications of the students along with the statement of marks are communicated to the university through the Principal and CEO.

College follows up for timely correction in statement of marks. Other than these, any stakeholder is entitled to get the grievances redressed on question papers, method of conducting examinations, supervision, evaluation and results, schedule and any related matter.

Situatedness of the college in close proximity to the affiliating university gives advantage in reaching out to university authorities as and when required.

File Description	Document
Any additional information	View Document
Link for additional information	View Document

2.6 Student Performance and Learning Outcomes

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

Response:

Program Outcomes (POs) represent the knowledge, skills and attitudes, the students are expected to have at the end of their respective program.

Course Outcomes (COs) give the resultant knowledge and skills the students acquire during any given course. It defines the cognitive processes a course provides. Programme outcomes (POs), Programme Specific Outcomes (PSOs) for all academic programmes are clearly mentioned by the Institute under the purview of NAAC guidelines. The POs/COs are aligned to the learning objectives. The college has stated graduate attributes and learning objectives. Following the UGC guidelines, POs and COs are designed to ensure complete and comprehensive learning about the programs and courses and to provide the set graduate attributes by the institute. While designing COs, knowledge domains i.e., cognitive domain, affective domain and psychomotor skills are considered. While designing POs, and COs, workshops and guest lectures are arranged for teachers by IQAC. Group discussions are arranged, documents on Blooms Taxonomy are provided to the teachers.

For each Programme, PO and CO are designed through the following steps:

1. Heads of department with the help of teachers prepare the draft of the PSO and POs, which are in line with Graduate Attributes and Vision, Mission of the Institute, and department.
2. Views of alumni, employers are taken into consideration.
3. Heads of department and faculty analyze and express their opinion on the revised PSOs and POs.

POs and COs are available for all the stake holders on the college website.

POs and PSOs are designed to ensure complete and comprehensive learning about the program and courses as these are critical for overall development and employability enhancement of the students.

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

File Description	Document
Upload COs for all Programmes (exemplars from Glossary)	View Document
Upload any additional information	View Document
Past link for Additional information	View Document

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

Response:

We offer Undergraduate, Postgraduate and Doctoral degree programs of Savitribai Phule Pune University under the Faculty of Arts, Commerce and Science. For these programs and courses, the institute follows the curriculum designed by the affiliating university.

Under CBCS Pattern, undergraduate programs carry 140 credits while postgraduate programs have 80 credits each. Assessment includes A) In-semester Continuous Internal Evaluation and B) End-Semester University Evaluation, with 30:70 weightage for internal:external evaluation for theory and practical courses.

Each course has a defined set of Course Outcomes and corresponding evaluation criteria. The course outcomes are mapped to the program outcomes which are used to provide the quantitative measurement of how well the program outcomes are achieved. The POs and COs are evaluated by the institution by direct method. College has made it mandatory for each department to submit the COs attainment at the end of the semester. While defining exam question papers, corresponding CO and its weightage is mapped. This helps us to calculate the performance of a student in terms of CO.

Procedure for Assessing the CO attainment:

CO attainment is assessed through direct methods.

Direct Attainment: We consider the following criteria in the direct attainment.

- 1) Internal tests are conducted based on COs.
- 2) Class performance activities consisting of CIE/Formative assessment Like assignments/ tutorials/ experiments/quiz/any other activity related to COs are conducted.
- 3) A common format of programmed excel sheet is used for finding the average attainment of COs.
- 4) RUBRICS helps us to define the threshold through which level of attainment of COs are calculated. The following Rubrics shows the three target levels:

Low, Moderate and High attainment for direct and indirect methods Level Average Percentage

Level of attainment- Average Percentage Level

1 (Low) 41-60%

2 (Moderate) 61-80%

3 (High) 81-100%

The level of attainment of each Course Outcome is computed using a Microsoft Excel.

A detailed summary of attainment of each Course Outcome is written on the teacher's diary that helps to assess the teacher's performance. The attainment submitted to the course coordinator and Head of Department, and the reasons for non-attainment are analyzed and an action plan is devised. For each course, the level of attainment of each CO is compared with the predefined targets, and if not attained, the course coordinator takes necessary steps for improvement. If the target criterion level is not reached, the faculty suggest for improvement to attain the same. To measure PO via direct method, a CO/PO matrix is utilized.

We emphasize on Outcome-Based Education (OBE) which is an educational theory and bases each part of an educational system around goals (outcomes). The OBE Committee (OBEC) formulates guidelines concerning direct and indirect assessment tools to evaluate attainment of POs and COs by collaborating with concerned teachers. The attainment of programme outcome is calculated from CO-PO matrix.

File Description	Document
Upload any additional information	View Document
Paste link for Additional information	View Document

2.6.3 Average pass percentage of Students during last five years

Response: 80.07

2.6.3.1 Number of final year students who passed the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1824	1384	997	943	761

2.6.3.2 Number of final year students who appeared for the university examination year-wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1919	1520	1401	1278	1098

File Description	Document
Upload list of Programmes and number of students passed and appeared in the final year examination (Data Template)	View Document
Upload any additional information	View Document
Paste link for the annual report	View Document

2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process	
Response: 3.45	
File Description	Document
Upload database of all currently enrolled students (Data Template)	View Document
Upload any additional information	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

Response: 750.2

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
290	77.5	38.2	320.17	24.33

File Description	Document
List of endowments / projects with details of grants	View Document
e-copies of the grant award letters for sponsored research projects / endowments	View Document
Any additional information	View Document

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

Response: 12.95

3.1.2.1 Number of teachers recognized as research guides

Response: 18

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

Response: 54.12

3.1.3.1 Number of departments having Research projects funded by government and non-government agencies during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	11	10	5

3.1.3.2 Number of departments offering academic programmes

2020-21	2019-20	2018-19	2017-18	2016-17
17	17	17	17	17

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Paste link to funding agency website	View Document

3.2 Innovation Ecosystem

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

Response:

Modern College provides enriching ecosystem for inculcating research and innovative approach amongst the students and staff. Following initiatives are taken at management and college level through financial, technological and infrastructural support.

- There is a research committee in place to sensitize, promote and facilitate the research activities.
- A strategic research plan has been devised and published on college website.
- The college has established an '**Innovation, Incubation and Start-up Cell**' and '**IPR and Entrepreneurship Cell**'.
- The college emphasizes and practices research-based teaching pedagogies and learning-by-doing culture.
- Students are exposed and engaged in research projects at under-graduate level and thereafter.
- There are four Research Centres in Biotechnology, Zoology, Chemistry and Commerce offering doctoral degree programmes - **18 Ph.D. guides** produced **19 doctorates** and **21 current PhD scholars**
- The college was sanctioned total **research funds** of Rs.**7.5 crores** in the reporting period from DST, SERB, DBT, DAE, Department of Fisheries, Government of Maharashtra and affiliating university.

- College has a provision of seed money for initiating research activities by teachers and students.
- Students and teachers published 211 peer reviewed journal articles; editing reference books/ writing text book (55); book chapters (52), presenting and publishing research works in conferences (62).
- Students are encouraged to participate in Seminar/Conferences and write research articles in peer reviewed journals.
- There are **8 patents** and **3 copyright** filed by Staff. Food products are being developed. An MOU is signed with 'Synnollect Innovations, Pune' for generating awareness and training about IPR and related issues.
- College organises workshops, hands-on-training, interactive sessions and special programmes like **Science Academies'** refresher courses and lecture series.
- College has established linkages, collaborations and signed **18 MoUs** for research, training and exchange with academic, research institutes and industries at national and international level.
- College has well-equipped laboratories besides a central instrumentation facility with high-end instruments – HPLC, qRT-PCR, AAS, Nanodrop, Sonicator, -80? Deep freezer, FTIR
- Specialized laboratories including plant and animal tissue culture, BSL-2, bioinformatics and language lab have been set up with a provision of uninterrupted power supply
- The central library provides facilities for creation of knowledge and research support through reference books, research journals, encyclopedia, OPAC, Digital library- Inflibnet, Delnet, plagiarism software support.
- ICT facilities are available for teachers and students. Specific software like SPSS, Advanced Excel, MATLAB are present.
- We organize innovative events, competitions and programmes, quizzes, Poster presentation, exhibition and workshops. Annual event ANUBHUTI a science exhibition, Marketing Carnival, Cost-fest, Entrepreneurship Development activities, Future Bankers Forum, MAGN-IT, INTERACTION, VIVIDHA for Entrepreneurship skill development in students Litcarnation for English students etc.
- There are research publications like 'Dnyanamay' (ISSN: 2395-7484) - research journal published by parent institute, Odyssey and Aurora by English department, Kaleidoscope, Mindscape by Psychology department, Pramey by Mathematics department, C-intellect by Commerce department.
- Industrial experts, Scientists, Research scholars, social entrepreneurs visit the campus and share their innovative ideas.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

Response: 38

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

2020-21	2019-20	2018-19	2017-18	2016-17
16	6	9	5	2

File Description	Document
Report of the event	View Document
List of workshops/seminars during last 5 years	View Document
Any additional information	View Document

3.3 Research Publications and Awards

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

Response: 0

3.3.1.1 How many Ph.Ds registered per eligible teacher within last five years

Response: 00

3.3.1.2 Number of teachers recognized as guides during the last five years

Response: 00

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
Any additional information	View Document
URL to the research page on HEI website	View Document

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

Response: 0.04

3.3.2.1 Number of research papers in the Journals notified on UGC website during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	04	02	00

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 0.97

3.3.3.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
46	44	16	27	7

File Description	Document
List books and chapters edited volumes/ books published	View Document
Any additional information	View Document

3.4 Extension Activities

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

Response:

Creating a bridge between community and the institution is prioritized. Well-structured outreach and extension activities contribute to overall development of students. It is a process of 'going back to community' and 'enabling the community' and creating social good with the help of our students and stakeholders.

- Focus of 'Gender sensitization Program' is to create experienced and conscious communicators to engage with intersectionality related to gender. This communicates the message of 'Gender Equity'. We curate workshops with gender experts and attend workshops, courses (**8 activities**) organized by others (e.g., Asia Foundation and Men Against Violence and Abuse, Abhivyakti, Women's studies centre, Savitribai Phule Pune University).
- We address cross-cutting issues of environmental conservation and sustainability by generating awareness among students about their role as a responsible citizen. We take efforts for plantation drives; appreciate connectedness with the environment and take steps to revive local natural

resources jointly with the Kirloskar Vasundhara Group, Jeevit Nadi Foundation and other governmental organizations. 832 students participated in these initiatives.

- Physical and mental health are the core areas we work on. Through ‘Vidyarthini Manch’ we collaborate with the Inner wheel club (IWC-Gen Z) for Health and Hygiene concerns also creating awareness regarding ‘Digital addiction’- 2290 students and 15 activities attended. During COVID-19 pandemic we tried to reach community through a webinar series in collaboration with ‘Department of Lifelong Learning and Extension’, SPPU, spreading the message of health, Individual hygiene, and taking responsibility of our family and society (**15 activities**).
- ‘Modern Cycling Club’ and ‘Modern Trekking Club’ engage communities by addressing issues of health and the environment.
- We collaborate with our stakeholders, *Annapurna Ashram* and *Gurukulam Ashram* through ‘JANEEV’(Consciousness) by extending help to underprivileged children by donating 10 oilcans, 1000kg eatables/Grains, Toiletries 1500 units and stationary items.
- Department of Sociology organises annual Tribal Exhibition. Tribal handicrafts are displayed along with live demonstrations by tribal artisans where school students (footfall of 3000 students) are also invited.
- IWC Gen-Z shares the time with AIDS patients; celebrates important events with members of old age homes, children from slums; initiates tree plantation to maintain the green cover. Reaching out to the community spreads the message of hope, positivity and sustainable living in these **15 activities**.
- NSS Unit and Red Cross Committee are active in organizing various awareness camps, blood donation camps and leadership-building programs. These units arranged **25 activities** such as vaccination drives, free mask distribution, and created awareness about the measures and precautions during the pandemic time. 1,206 students actively participated in these initiatives.
- We have organized ‘Science Adda’ ‘Anubhuti’ science fair (both sponsored by DBT, Govt. of India; participation of 1208 school students) and ‘Conserve Mother Earth’ programs with our stakeholders and community.
- A programme, ‘My Nation My Pride’ was organised to celebrate and salute the valour of Indian Armed Forces addressed by alumni.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

Response: 12

3.4.2.1 Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
01	04	02	04	01

File Description	Document
Number of awards for extension activities in last 5 year	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC, Government and Government recognised bodies during the last five years

Response: 22

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

2020-21	2019-20	2018-19	2017-18	2016-17
06	07	04	04	01

File Description	Document
Reports of the event organized	View Document
Number of extension and outreach Programmes conducted with industry, community etc for the last five years	View Document
Any additional information	View Document

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

Response: 25.39

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

2020-21	2019-20	2018-19	2017-18	2016-17
1618	1537	2191	1065	199

File Description	Document
Report of the event	View Document
Average percentage of students participating in extension activities with Govt or NGO etc	View Document
Any additional information	View Document

3.5 Collaboration

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

Response: 56

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

2020-21	2019-20	2018-19	2017-18	2016-17
06	10	11	22	07

File Description	Document
e-copies of related Document	View Document
Details of Collaborative activities with institutions/industries for research, Faculty exchange, Student exchange/ internship	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

Response: 17

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

2020-21	2019-20	2018-19	2017-18	2016-17
03	02	02	02	08

File Description	Document
e-Copies of the MoUs with institution/ industry/corporate houses	View Document
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document
Any additional information	View Document

NAAC

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

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

Response:

Modern College, centrally located in Pune, spread over 3.5 acres of land has 3 buildings. College runs nine Undergraduate, thirteen Postgraduate courses and four research centers in morning and afternoon shifts for optimal utilization of resources.

Essential infrastructural facilities are created to facilitate teaching-learning and evaluation including Classrooms(ICT-enabled), Laboratories, Computers, Library, Examination and Evaluation Centre, IQAC Room, Administrative Office, Audio-Visual Hall, Amphitheater, Staff-Rooms, Restrooms, Parking, Canteen, Indoor-Outdoor Sports facilities, Green Energy Resources (Hybrid Solar-Wind Power Generation Plant, Botanical-Garden, Terrace-Garden) and Hostel facilities.

Classrooms: 37 well-lit and ventilated Classrooms with 30 to 100 seating capacity. Classrooms in Building 'A' are illuminated with Solar-Wind hybrid energy. Classrooms have benches, Green/White board, Podium, Chair and Table for teachers. There are five Smart Boards in college. Specially-abled students are preferably allotted the ground-floor classrooms. Audiobook facility is available for blind students.

All classrooms are fitted with ICT-tools like internet (LAN and WiFi), LCD screen/projector, laptops, and headphones/microphones. College has a customized LMS-Moodle, Microsoft Account (Office 365) and G-Suite Accounts for staff and students.

The entire campus is under electronic-surveillance with **56 CCTV cameras**.

Laboratories: College has 42 well-equipped laboratories fitted with security features. A Central Instrumentation facility has been created for hosting high-end equipment including qRT-PCR (Quantitative Real-Time PCR), FTIR (Fourier-transform infrared) spectroscope, AAS (Atomic absorption spectroscopy), Nanodrop Spectrophotometer, HPLC (high performance liquid chromatography), Deep-freezer (-86°C). Special Labs like Animal Tissue Culture (BSL2), Plant Tissue Culture and Bioinformatics are established. In Chemistry Laboratories fume-hoods, Anti-corrosive tables, anti-skid tiles and Separate preparation rooms are present. Recycling and reuse of solvents is practiced. An indigenous Gas sensor designed by students is in use. Separate decontamination room is present in Microbiology. Darkroom facility is present in Physics laboratory. Software like SPSS, MATLABs are available. Language lab is equipped with required software and audio-visual aid. Air-conditioned Computer Laboratories have been established to avoid exposure of computers to dust and thermal runaway of hardware. Research Microscopes are fitted with High resolution cameras. Zoology laboratory has a good collection of specimens and insect-rearing and preservation chambers.

B.Voc. laboratory is equipped with instruments required in Food Processing industries, like Tray Dryers, Infra-red Moisture Meters and Muffle furnace.

Psychology laboratories are designed with a facility of cubicles for counseling sessions.

Computing Equipment: The college has 497 desktops, 50 laptops and accessories, besides Software like R-Software, MATLAB, Office-365 A1 Plus, and SPSS. URKUND software is available and used for checking plagiarism of Doctoral theses. College has 4 physical and 6 virtual servers, 40 GB/User space on cloud for G-suite account is available.

Central Library has facilities like Digital Library, Reading Room for students, Audio-book facility for Visually-Impaired students and biometrics attendance system. The library uses different software like Autolib and OPAC. Library has a rich collection of 20,010 Reference Books, 16,762 Text Books, 721 Audiobooks, 17 Magazines, 48 Journals, 1107 CDs & DVDs. Book bank facility is available for needy students. Institutional membership and subscription of Delnet and Inlibnet is in place.

The administrative area has cabins for the Principal and the Vice-Principals.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

Facilities for Cultural activities

Air-conditioned Audio-Visual Hall established in 2007 has an area of 1200sq.ft with 150 seating capacity is equipped with Dias, Podium, Chairs, Water Purifier, Microphones and ICT facilities. There is a permanent platform for performance, Music system and speakers.

Audio-Visual Hall is used for cultural activities like competitions/performances, workshops, guidance sessions and practice.

Open air Amphitheatre with seating capacity of more than 400 individuals with 3000 square feet area. A covered stage and backstage room has two entry points.

An independent room is available for Arts Circle to store musical instruments such as Harmonium, Synthesizer, Tabla-Dagga, Octopad, Dholki and the stage material used for drama and cultural activities. The College maintains a booking-register for AV Hall.

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

Gymnasium facility

- **Indoor Gymnasium** established in 1995, is having all high-grade instruments for total body workout such as Abdominal Bench, Barbell, Bench Press, Cable Crossover Pulley, Dumbbells Pairs with different weights, Motorized Treadmill, Pull-up and Push-up Bar, Smith Machine etc. Analytical Instruments like weighing Scale, Stadiometer, BMI measurement, Body-fat Analyzer, Grip Dynamometer are available for monitoring the progress of workout. The gymnasium is well ventilated and is used by staff and students at different time slots. There is a separate changing room attached. At a time the gymnasium facility can be used by 20 individuals.
- **Outdoor gymnasium** has equipment for total body workout such as Shoulder Rotators, Leg Press, Twister, Lath Machine, Chest Press with Triceps, Walker with Hand Action, Open Gym Cycle and Abdominal Workout Machine.

Sport facility

- **Indoor facility:** For games like chess, table tennis. Indoor badminton court with international standards is available at the parent institute's Shivajinagar campus.
- **Outdoor facility:** Volleyball clay court with 9x18 square meter and basketball court 15.2 x28.7 square meter (area) with special synthetic coating is present. There is an open badminton court 13.4x6.1 square meter.
- Sufficient sports supplies like football, basketball, badminton, table tennis rackets, hockey, lawn tennis rackets and balls, fencing ,boxing , cricket , fitness equipment, softball are available and issued to students as per the requirement. A register is maintained for issuing sports supplies.
- Available sports infrastructure is optimally used for physical education lectures and practice, inter class and Inter College competitions by students and staff members. Amphitheatre stage is used for demonstration of sports activities such as Zumba dance, aerobics, yoga etc. Rappelling sessions are conducted. As per the need, facilities made available by parent institute and affiliating University is used which is hardly 100 meters away from the college campus.
- Yoga centre is available. Guidance sessions on yoga are conducted for staff members. Sufficient number of yoga mats are available.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

Response: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 38

File Description	Document
Upload Number of classrooms and seminar halls with ICT enabled facilities (Data Template)	View Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

Response: 18.5

4.1.4.1 Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
78.69	71.39	179	13.17	28.78

File Description	Document
Upload Details of budget allocation, excluding salary during the last five years (Data Template)	View Document
Upload audited utilization statements	View Document
Upload any additional information	View Document

4.2 Library as a Learning Resource

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

Response:

The Central library of the college purchased commercial library management software AUTOLIB in the year 2006 and upgraded with AutoLib NG ILMS in 2018 which provides Web-OPAC. The library functioning is fully automated. This Integrated Library Management System (ILMS) is used to manage all library collection including books, journals, magazines, CDs/DVDs, maps, bound volumes, Braille books etc. Bar Code system is used in the library to issue and return the books. All functions like Issuing, return, renewal, reports generation, stock verification, OPAC, federated search, notices, purchase, computerized attendance, access to e-resources etc. are fully automated.

With the added features of AutoLib NG ILMS, readers can easily access the library catalogue remotely and search the library collection online. The readers can check the status of any library materials issued to them. The readers can access online electronic resources.

Apart from AUTOLIB ILMS, the library uses digital library software, DSpace for content management. An Institutional Repository (IR) is created using this software and access to this repository is available on the college website. In the IR faculty publications, syllabus, question papers, free e-books, audio books for Divyangjan students, CDs/DVDs, e-content prepared by the teachers are uploaded. This repository is rapidly growing.

Library has provision of Plagiarism Checking with software- URKUND and Typeset. Doctoral students use these software along with Turnitin, provided by the affiliating university to all Ph.D. guides in college. Other free open source platforms for plagiarism check are also available on the college website.

Visually Challenged students can access **Braille books**, Computer Training Centre, **Angle Players** and **in-housed e-books recordings** along with **1400+ audio books** received from Yashowani (NGO). Software such as **Jaws 2018 Screen Reader and Non-Visual Desktop Access (NVDA)** are provided on all-in-one PCs for visually challenged students. Students access e-books through Bookshare Application.

Links of Different online resources/libraries are provided to the visually challenged students. College has signed an MOU with the Technical Training Institute of The Poona Blind Mens Association, Pune *which provides employments to the differently abled students. Wheel chairs, ramps and on demand issue return facility of books to the relatives/friends of these students.*

File Description	Document
Upload any additional information	View Document
Paste link for Additional Information	View Document

4.2.2 The institution has subscription for the following e-resources

- 1.e-journals
- 2.e-ShodhSindhu
- 3.Shodhganga Membership
- 4.e-books
- 5.Databases
- 6.Remote access to e-resources

Response: A. Any 4 or more of the above

File Description	Document
Upload any additional information	View Document
Details of subscriptions like e-journals, e-ShodhSindhu, Shodhganga Membership , Remote access to library resources, Web interface etc (Data Template)	View Document

4.2.3 Average annual expenditure for purchase of books/e-books and subscription to journals/e-

journals during the last five years (INR in Lakhs)

Response: 2.04

4.2.3.1 Annual expenditure of purchase of books/e-books and subscription to journals/e- journals year wise during last five years (INR in Lakhs)

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	4.58	2.68	2.96

File Description	Document
Details of annual expenditure for purchase of books/e-books and journals/e- journals during the last five years (Data Template)	View Document
Audited statements of accounts	View Document
Any additional information	View Document

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

Response: 0.71

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

Response: 42

File Description	Document
Details of library usage by teachers and students	View Document
Any additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Response:

The college has augmented its basic IT infrastructure from time-to-time by including the computer system having advanced Pentium -IV microprocessors of Intel family, memory configurations from 2GB RAM 320GB HDD to 16GB RAM & 512 GBHDD and Operating Systems from Windows 7 to 10 along with CENTOS and other supporting high level OS for multitasking and multiprogramming environment.

Total 497 computers including 73 all-in-one type are available. They are assembled for various computing needs of teaching-learning-evaluation, administrative office, staff, library and research laboratories.

As per the change in curriculum by affiliating university, 20 PCs from Computer laboratory are upgraded.

Bandwidth is increased from 10 MBPS to 2 lines of 100 MBPS of BSNL and one line of 50MBP from a private service provider (Limerick). Total internet facility of 250 MBPS is split for physical and wireless fidelity. For WiFi 24 routers with 100 users per router are allowed. Range for WiFi :100-150 mtrs.

Administrative staff is empowered with 23 laptops of various leading makes like HP, DELL, LENOVO, COMPAQ. Advanced 27 HP laptops (8GB RAM, 256 SSD) are used by students in Statistics laboratories.

User friendly online Admission procedure for 6116 (2021-2022) candidates is enabled by software from Vriddhi and Digital Edu Service providers.

All the classrooms, laboratories and seminar halls support ICT based teaching-learning process with 40 projectors, 4 smart boards and televisions screens.

40 additional audio-visual accessories(web camera and head phones), existing Cloud storage facility of 40 GB per user of institutional G-suite and One drive (1TB per user) allowed an uninterrupted administrative as well as knowledge dissemination process.

Moodle is the LMS platform where the exchange of knowledge takes place among the teachers and students along with curricular and co-curricular activities.

RFID system is developed and tested for campus and classroom attendance of students.

Hard copies can be made available with 72 printers ranging from DOT matrix, Laser to all-in-one technology printers of HP, CANON and some other makes.

Examinations of about 4500 examinees for 960 titles are smoothly conducted due to sufficiently available printing facility using high-capacity printers and scanners of RICO, KONICA, RISO and XEROX.

Examination bill processing software is developed by students of B.B.A. (Computer Application).

Thermally stable and dust-free environment is available due to 40 AC with 1/1.5/2 tons of capacity along with server facility of 4 physical and 6 virtual Hyper -V virtualization server and UPS facility.

Total 5000, Office-365 A1 licensed copies for students and 500 copies for staff are purchased from Microsoft till 2019. In 2020 additional licensees were made available for students and staff.

56 CCTV cameras in laboratories and classrooms help to provide security and reduce malpractices during examinations.

Movable public address system automated with controlled computer system designed by staff member is used to give important instructions.

Antivirus Kaspersky, Microsoft Licenses and Licensed software's like MATLAB, SPSS are procured for

safe and secure operating computing environment and promote co- curricular and research activities among students.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

4.3.2 Student - Computer ratio (Data for the latest completed academic year)

Response: 11.6

File Description	Document
Upload any additional information	View Document
Student – computer ratio	View Document

4.3.3 Bandwidth of internet connection in the Institution

Response: A. 750 MBPS

File Description	Document
Upload any additional Information	View Document
Details of available bandwidth of internet connection in the Institution	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)

Response: 9.03

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

2020-21	2019-20	2018-19	2017-18	2016-17
27.87	16.97	48.59	75.73	17.56

File Description	Document
Upload any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic support facilities (Data Templates)	View Document
Audited statements of accounts	View Document

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

Response:

College follows procedure and policies with a team of internal teaching, non-teaching staff and a third-party service agency for use, upkeep, and maintenance of physical and academic infrastructure through financial, technical, and policy-oriented support.

Academic calendar and Central timetable are designed for ensuring optimum utilization of infrastructure facilities. Classrooms are allotted as per the strength of the students, special need of the curriculum and considering the requirement of Divyangajan students. Lectures and practical are conducted in three sessions- Morning, afternoon, and evening. ICT facilities are used in regular teaching-learning process.

Batches of practical sessions are prepared following the guidelines of affiliating University and UGC to give hands-on experience to students. High-end instruments are available for post-graduate and research purpose.

Library is fully automated. Books are issued and received using software. Id-card identification and attendance is taken through digital mode. Open access is given to students to the books to facilitate effective referencing and book-search. For avoiding crowding, faculty-wise timeslots are devised for issuing of books through separate counters. Issuing details are maintained in Auto-lib software. Students and teachers are informed about offline/online facilities and the e-resources. Login credentials are given to staff and students. Reading hall facility is available. Library is kept open during long vacations. The book exhibitions are held. Library updates, newspapers, current issues of journals and new arrivals are displayed on shelves and shared through social platforms. Flipped classroom is used through online tutorials and videos. Educational CDs/DVDs and magazines are shelved separately. Special reading room facilities and Computers are provided for accessing e-content. Book bank facility is provided to needy students

Computers in departments, office, laboratories, and library are used by staff and students for academic, administrative and research work. All the computers have LAN and WiFi connectivity. Common server is used for sharing information. Licensed antivirus (Kasperkey) is used. Office computers are loaded with admission software like Vriddhi and Digital Edu and upgraded as per the needs. Computers allotted to students are used for practical, referencing and academic work.

Director, Physical Education, Attendant, and Assistants take care of utilization of Sports facilities for physical education, interclass and intercollegiate matches and for practice by students and staff. For physical education faculty-wise batches are prepared and supplies are issued as per the schedule. Separate

timeslots are observed for use of indoor Gymnasium by girls, boys and staff. Students under Earn-while-learn scheme help in maintenance.

For all the major purchases, Central Purchase Committee including Principal, Management Members and College teaching and administrative staff decides about purchase of furniture, sports equipment and other instruments.

Policy for maintenance: Students and staff members are given training about handling of instruments and lab-SOPs for the use of instrument. Initially students are allowed to use the instruments under observation and once familiar are allowed to handle independently. Regular calibration of instruments is done. Online UPS, stabilizers, fuses and electrical safety devices are used for high-end instruments and laboratories to avoid voltage-related damages. ACs are installed in computer and research laboratories.

Departmental Repair Committee monitors the functioning and repair. Non-functional instrument is checked and minor faults are repaired by internal staff. Major repair request is communicated to authorized repair agency. Instrument beyond repair are referred to respective companies. Instruments are checked by service engineers, quotations are obtained, compared and service providers are given AMCs (Annual maintenance contracts). Optical systems of microscopes are regularly cleaned with proper solvents by support staff and a professional agency. Refilling of formalin is done for long-term preservation of biological specimens.

Stock checking is done regularly by the Centralised Dead-stock committee, which verifies annual reports. Depreciation, breakages and suggestions for writing-off of instruments are considered under the supervision of Management representatives.

For maintaining cleanliness in the campus conservancy agency is appointed. Gymnasium, grounds, corridors, passages and other facilities are cleaned regularly. Classrooms and laboratories are allotted for cleaning by in-house support staff member.

For maintenance and support of computer facility AMC is done with Aditi IT services with two full-time system administrators. Regular up-gradation of hardware and software is carried out. Antivirus software is installed in all computers. There is a common server and LAN facility. All internet security is done through a centralized server and unwanted sites are blocked. Software maintenance is done through ticket system for solving the issues. Maintenance of printers and copiers and refilling of cartridges/toners is done on need basis.

Library committee takes decisions regarding purchases, renovation, or development. AMCs are done for the library software. Regular dusting and cleaning are done using vacuum cleaners. Pest-control is carried out. Furniture and fixtures are centrally repaired. Old syllabus textbooks, torn and mutilated books are written off with the consultation of subject teachers. Old books in good conditions are sold for a nominal amount and remaining are given in scrap. Selected old books are donated to sister concerns. Annual stock verification with the bar code is done by the stock verification committee and library staff.

Many medicinal plants and plants required for practical purposes are maintained in the botanical garden. Botanical garden is maintained by earn and learn students and monitored by staff. Landscaping and sprayers are maintained. Regular use of fertilizers and pesticides is done. Regular pruning of plants is done by support staff. The garden/wet waste is used for making bio fertilizer/compost through **baction** composting unit.

Regular maintenance and repair work is done through external expert agencies for buildings, furniture, solar-wind energy plant, elevator, furniture and fixtures including electrical appliances, telephone, sound system, cameras, musical instruments and sound systems, major electrical maintenance, air conditioners and refrigerators, water tanks and water purifiers, electronic equipment, projectors, Smart board and white boards

Parking paving blocks are maintained and painting of parking lines is done. Cleaning of drainage pipelines is done and the channels used to flow away rainwater are cleaned before the rainy season so as to avoid excess accumulation of rainwater.

24-hour security is provided by security guards appointed through a security service. It monitors the entry of students; visitors report any deviation to higher authorities.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during last five years

Response: 18.34

5.1.1.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
1103	1038	1320	720	547

File Description

Document

upload self attested letter with the list of students sanctioned scholarship

[View Document](#)

Upload any additional information Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years (Data Template)

[View Document](#)

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

Response: 18.34

5.1.2.1 Number of students benefited by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

2020-21	2019-20	2018-19	2017-18	2016-17
1103	1038	1320	720	547

File Description	Document
Upload any additional information	View Document
Number of students benefited by scholarships and freships institution / non- government agencies in last 5 years (Date Template)	View Document

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

- 1.Soft skills**
- 2.Language and communication skills**
- 3.Life skills (Yoga, physical fitness, health and hygiene)**
- 4.ICT/computing skills**

Response: A. All of the above

File Description	Document
Details of capability building and skills enhancement initiatives (Data Template)	View Document
Any additional information	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 9.24

5.1.4.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
24	540	924	831	10

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document
Any additional information	View Document

5.1.5 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

- 1. Implementation of guidelines of statutory/regulatory bodies**
- 2. Organisation wide awareness and undertakings on policies with zero tolerance**
- 3. Mechanisms for submission of online/offline students' grievances**
- 4. Timely redressal of the grievances through appropriate committees**

Response: A. All of the above

File Description	Document
Upload any additional information	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document
Details of student grievances including sexual harassment and ragging cases	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Response: 7.87

5.2.1.1 Number of outgoing students placed year - wise during the last five years.

2020-21	2019-20	2018-19	2017-18	2016-17
171	160	132	92	36

File Description	Document
Upload any additional information	View Document
Self attested list of students placed	View Document
Details of student placement during the last five years (Data Template)	View Document

5.2.2 Average percentage of students progressing to higher education during the last five years

Response: 50.76

5.2.2.1 Number of outgoing student progression to higher education during last five years

Response: 974

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education (Data Template)	View Document
Any additional information	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)

Response: 100

5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	15	13	4	2

5.2.3.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
1	15	13	4	2

File Description	Document
Upload supporting data for the same	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years (Data Template)	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.

Response: 51

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

2020-21	2019-20	2018-19	2017-18	2016-17
10	7	4	18	12

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at university/state/ national/international level during the last five year	View Document
e-copies of award letters and certificates	View Document
Any additional information	View Document

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

Response:

College conducts elections for student representatives for University as per Maharashtra Public Universities Act(2016). The college has devised a practice to nominate student representatives for Ladies, Sports, Classes and on Statutory Bodies viz. Internal Committee, Anti-Ragging Committee and Grievances Committee. Representatives participate in decision-making process and bring in students' perspective. Student Council helps in maintaining academic discipline and rigour. They help in coordinating the Alumni and Current students' festival and entrepreneurship event Vividha. Members of the Students Council perform a proactive role during Inter-collegiate Events and Competitions related to Sports, Academics, Co-curricular and Extra-Curricular activities such as Annual Sports Day, Annual Prize Distribution Program, Cultural activities, Annual NSS Winter Camp, NCC Republic Day Parade, Anubhuti Science Exhibition. Student representatives volunteer and assist faculty members in coordinating college and departmental activities.

College Level Representation:

- IQAC: give inputs, feedback, offer suggestions about planning and execution of student-centric

activities.

- Magazine Committee: suggest themes, design cover pages, help other students in making contribution to College Magazine *Akanksha*.
- Vividha: along with Alumni, current students from all the streams take a lead in putting up stalls and get hands-on experience for entrepreneurship.
- Yuva Saptah: assisting faculty and conducting competitions viz. Mehendi, Poetry reading, Elocution etc.
- Environmental Awareness: Vasundhara Festival, Kisan Mohotsav, Disaster Management, Green Army etc. in planning/organizing/publicity/hand-holding.
- Library Committee: encouraging fellow readers, lead in Book Discussion Club
- Help for conferences/workshops organized by the college.
- Arts Circle: for planning and execution of in-house training, participation in inter-collegiate events and Performing Arts appreciation workshops.
- Sports and Gymkhana: Sports and Class Representatives help in organizing training, assisting Director, Physical Education during CIE.
- Indian Red Cross: help in planning, publicity and conduction of programs
- Sakal YIN: leadership and advocacy.
- Ladies representative looks after issues related to girls' health and hygiene.

Departmental Activities Representation

- **Arts Faculty:** take lead, assist faculty in major activities like Litcarnation, Odyssey in-house magazine, organizing Marathi and Hindi Day, Inter Collegiate Essay Writing Competition. Organizing exhibition and sale of Tribal handicrafts, Dialogical Platform, activities of Lifelong Learning and Extension Department SPPU, conducting Geo-Carnival, *Jeevit Nadi* excursions, Trekking Club and Gyansetu activities. Conducting History Quiz and *Modi* Script Classes. Coordinating DISHA Speak out and Peer Support Group, running UMMEED, the college community health activity for support staff, organizing Psyworld, facilitating *Khoj* UG research training and Gender Champions Club
- **Commerce Faculty:** planning and coordinating activities of Future Bankers Forum, *Janeev* Social Endeavour, Cost Fest, Marketing Carnival, Placement Cell, EDC, Skill Development workshops, Commerce Circle and MAGNIT fest.
- **Science Faculty:**
 - Life Science Department: students take lead in designing, publicity, hand-holding for junior students and conducting various collaborative activities with outside agencies, activities under DBT STAR College Scheme like Science Adda, NSS Camp, tree plantation, Kisan Mahotsav, study tours and industrial visits, work on research projects and research publications and workshop at YASHADA.
 - Material Science Departments: identifying thematic areas, publicity and conduct of co-curricular efforts, Prameya In-house magazine, Mathematical Hockey, Intercollegiate event, Interaction, participation in Chemiad, Sky observation, Astro Club activities, Snake and Ladder in Electronics and PUSA quiz.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.3.3 Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 10.6

5.3.3.1 Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years

2020-21	2019-20	2018-19	2017-18	2016-17
07	14	12	12	08

File Description	Document
Upload any additional information	View Document
Report of the event	View Document
Number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions (Data Template)	View Document

5.4 Alumni Engagement

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

Response:

Alumni Association of the College 'Modernites®' is registered under Public Trust and Society's Act in 2010-2011 (R.No. F-38148/PUNE). Executive Body consists of Principal as Chairperson, faculty members and well-placed Alumni as members.

Modernites aims to:

1. Impart valuable suggestions for quality education liaising with the members of Internal Quality Assurance Cell
2. Undertake activities for the current students to improve their employability skills and entrepreneurial abilities.

3. Assist the placement cell of the college for conducting soft skill development, personality development workshops and campus interviews.
4. Achieve the inclusive growth of the students through endowment scholarships for deserving economically backward students
5. Collaborate with the College and current students in environment consciousness, financial inclusion, women empowerment, academic enrichment of the students.
6. Provide a platform for alumni through Alumni Meet for enriching current students with business contacts.
7. Inculcate and develop research aptitude and skills amongst current students.
8. Industry-Academia-Alumni Forum (IAAF) to bridge the gap between industry and academic world.

Activities organized by Modernites and contribution of Alumni:

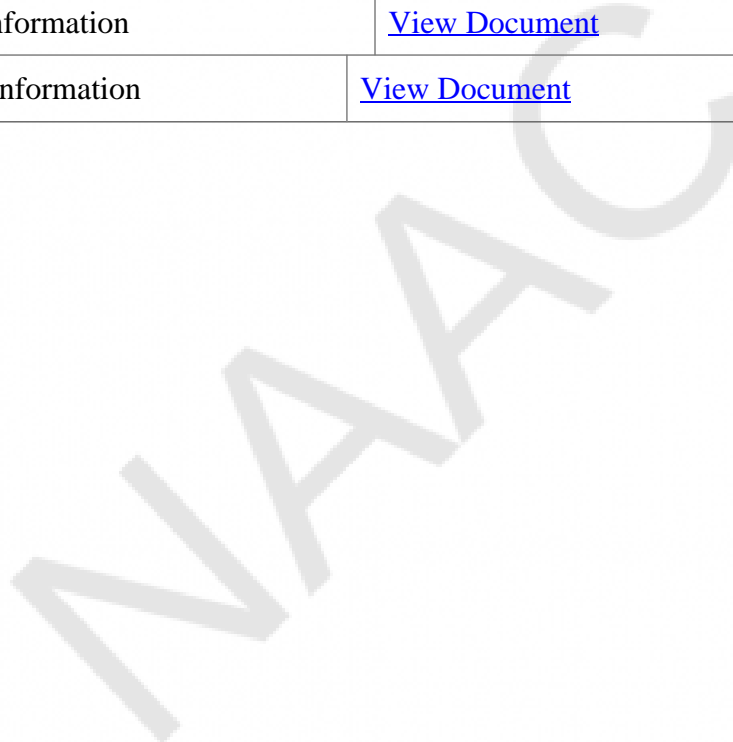
- Modernites proactively organises 'Vividha' Entrepreneurship Fair to promote self-employment. During this fair: Training for Business plans, making and designing articles for sale, training for Event-management, mentoring current students is actively achieved.
- Modernites offer the following endowments and scholarships: Atal Scholarship, Nisal Scholarship, Rani Laxmibai Scholarship, Tapkir Scholarship, Gollapudy Scholarship, Chaughule Scholarship, Manish Konde Single Parent Scholarship, Prerana Puraskar and Shekhar Chaphekar for a Physically Challenged Student.
- In 'Vividha'-2019-2020, Modernites offered a stall to Indian Post and Telegraph Department for financial inclusion and digital literacy. 250+ students applied for IPPB mobile app. The Indian Post and Telegraph Department appreciated this collaborative effort.
- Recently the college established 'Industry-Academia-Alumni Forum' to bridge the gap between industry and academia.
- Alumni have contributed towards academic enhancement of current students, their placement enrichment through efforts such as helping and hand-holding for gaining aptitude, attitude, soft and hard skills for industry, preparation for competitive examinations (for academic courses and employment).
- Modernites collaborates with the current students of the College on cross-cutting issues such as environment, gender, health, promotion of universal human values. Modernites and Alumni support and inspire our current students of the Performing Arts Circle, NCC, NSS, Sportspersons, Youth Red Cross, EDC of Commerce faculty, students interested in research.
- An important outcome of Vividha has been eminent personalities from diverse fields such as Performing Arts, Social Work, Corporate world, Entertainment industry have visited the College and current students as well as faculty members have benefitted from this exposure.
- In the last 5 years, our Alumni have demonstrated outstanding achievements in academics, research, sports, defence services, mental health, literature, fine arts, performing arts and disciplines of life sciences, material sciences, social sciences, humanities, commerce and management. Modernites has raised a corpus amounting to Rs. 2,84,421
- Achievements of the alumni of all the departments and faculties have a ripple effect on current students and help to create an ethos of excellence in academics, co-curricular and extra-curricular fields and serve as a beacon of hope for current students, faculty members and the College as a whole.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

5.4.2 Alumni contribution during the last five years (INR in lakhs)

Response: C. 3 Lakhs - 4 Lakhs

File Description	Document
Upload any additional information	View Document
Link for any additional information	View Document



Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

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

Response:

“Vision Statement”

Create Vibrant Knowledge Society driven by ‘Progressive’ ideas and ‘Modern’ techniques in education.

“Mission Statement”

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

The college is governed by Progressive Education Society, Pune, which is a renowned name in the field of education, founded in the year 1934 by Gurusvarya Shri Shankarrao Kanitkar, a teacher and freedom fighter. Most of the members in the governing body belong to the teaching field. Progressive Education Society is headed by a dynamic leader Dr. G. R. Ekbote with more than 35 years of experience in the field of education. He takes keen interest in introducing challenging courses as per the demands of changing time. He motivates and encourages faculty members to undertake research activities and organize and participate in the activity which helps to update the knowledge and skills.

Progressive Education Society is formed by elected members, Board of Life Members and Board of Life Workers, the Business Council and representatives of the teachers as Ex-officio of Business Council. The Business Council is the Apex decision making body of Progressive Education Society.

The management, Principal of the college and faculty members work in a team for formulating and effective implementation of the policies. Appointment of staff is done following the rules and regulations laid by the UGC, State Government, affiliating university and the management.

Infrastructural requirements are met through creation, upgrading and augmentation of the facilities.

The College Development Committee (CDC) is constituted as per ‘Maharashtra Public University Act, 2016’ with the representatives from management, teaching and non-teaching staff. Principal and visitor (representative from the management) works as a bridge between the management and college for effective governance. CDC ensures effective implementation of academic and administrative policies.

Internal Quality Assurance Cell (IQAC) is a think tank and gives directives for quality sustenance and

quality enhancement of our institution. IQAC frames academic and administrative policies in consultation with CDC, Vice-Principals and Head of the Departments. Academic and activity calendar is prepared for smooth functioning of the college. Meetings are conducted and policy decisions are communicated to the concerned stakeholders by using ICT platforms and formal notices. In addition to statutory committees, other committees are constituted for effective curriculum delivery, monitoring of academic and research activities, extra-curricular and co-curricular activities.

Diversity audit helps to understand the policies required to be implemented for teachers hailing from various states and disciplines. The audit also highlights gender diversity which reflects a higher percentage of women teachers in the college.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response:

a) Faculty Recruitments : Recruitment procedure of faculty members involves decentralization and participatory management.

The college has empowered the Heads of Departments for calculating the workload and conveying the vacancies to CDC, IQAC, Vice-Principals, Principal and Management. Considering the workload, Roster is prepared and teaching vacancies are filled as per the norms laid by Government and affiliating University. Reservation policies are strictly followed. Vacancies are approved through statutory bodies, management, university and concerned Government authorities. Vacancies are advertised through print and electronic media. Advertisement and all the documents are also sent to the Reservation Cell of affiliating university. Selection committee includes Government nominee, Vice-chancellor Nominee (general and reservation), Subject experts and heads of departments. Selected candidates are provided with appointment letters having job profile and service conditions, university approvals are obtained for the appointees.

Recruitment of teachers is done on the basis of quality. The process of identifying a quality teacher is systematic and stringent. Promotion of experiments in teaching practices is one of the criteria to ensure quality. In case of non-availability of qualified and suitable candidates from appropriate reservation category, the posts are filled on contractual/Ad-hoc basis through local selection committee having representatives from the concerned department, Vice-Principals and Principal.

b) Admission Procedure: Admission procedure involves decision making at multiple levels. Along with management, Principal, Vice-Principals, IQAC, Office Superintendent, Heads of the departments and Admission Committee members make the policy and decisions about admissions including schedule, procedure, criteria etc. Selection of service providers for online admissions and payment gateway is done by involving all these stakeholders.

We seek feedback from students and parents on admission related issues and their suggestions are given due consideration.

Regular training is arranged for teaching and administrative staff.

Students for UG programs are admitted on a first-come-first-served basis; however, for a few programs, Heads of the concerned departments decide the cut-off percentage of Students for PG programs are admitted through entrance examinations conducted by the heads and faculty members of the respective departments. Students are admitted to various academic programmes based on their likes and aptitude and are provided with ample opportunities. Students hailing from different socio-economic and cultural groups are presented with a healthy and inclusive environment.

An 'out of the box' approach is employed to implement admission strategies where the college gives relaxation in admission criteria to orphans, visually-impaired and specially-abled students and those with achievements in sports and cultural activities.

Admission committee members along with faculty clerks are authorised to verify and validate the admission form and related documents.

Teachers are assigned the role of counsellors for admission aspiring students.

Vice-Principals can allow the needy students to pay the fees in instalments. Operational decisions are taken by technical and administrative teams.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The institutional Strategic / Perspective plan is effectively deployed

Response:

Perspective strategic plan: Creation of a research-based experiential learning centre.

1. A journey from DBT Star to DST-FIST and DBT-BUILDER: Modern College was selected for Star College Scheme of the Department of Biotechnology (DBT), Government of India, in 2012. This resulted in an unprecedented growth in research temperament in science stream. All ten science departments were supported under this prestigious scheme, probably the only college in the country to have support for so to many departments. This has helped the college in introducing student-centric, research-based teaching pedagogies and one of the distinctive features was the introduction of research projects at under-graduate levels, right from the first year and to continue them till their final years of UG degree programs. Overall, more than 1500 under-graduate and 700

post-graduate students have undertaken independent research projects so far in the last 5 years. This was a unique experiment, which got wide appreciation at DBT. Consequently, the college was awarded coveted 'Star Status' in 2017-18 with a sanction of Rs. 2.82 Crores. The post-graduate students are now able to publish their findings into high impact research journals. This success has encouraged the college to apply for BUILDER Program (Boost for University Interdisciplinary Life Science Program for Advanced Research and Education) of DBT, Government of India, one of the most coveted schemes in the Country. The college was awarded this scheme, being one of the three colleges from the state, with a total fund of Rs. 2.5 Crores for five years (2021-25). This scheme has taken the institute to the next level.

2. Departments of Humanities and Social Sciences have a portfolio of research projects. Department of Psychology publishes a thematic magazine KALEIDOSCOPE which is an outcome of micro skills in research. Department of English encourages students to research on contemporary issues and expresses their ideas using their creative potential and literary sensibilities. ODYSSEY and AURORA are the examples of research talents. Departments of Sociology, Psychology, Economics and History encourages their students for research projects based on local to global concerns and some students have presented at local and state conferences. A few Departments have undertaken pro-social endeavours which make Psychology, Sociology, and Economics relevant for society.
3. Under Commerce stream students are presenting their research papers at local conferences. C-Intellect magazine is an effort to encourage micro skills in research for the students. Industry, Academia and Alumni Forum is an effort to design employment centric programs and events. Product development, start-ups of the students, out of the box activities focus on the innovation and research temperament.
4. Modernites® alumni association in collaboration with the college conducts an exhibition named 'Vividhaa' to promote entrepreneurial talents. Participants later on started their new venture like Café Coffee Day, Chocolate manufacturing plant, Travel and Tourism, Herbal products manufacturing, Trading of consumer durables, Event-management, Flower decoration, Catering, Printing Press, Hotel and Restaurants, setting-up NGO etc.
5. Innovation and Incubation Cell chalks out the programs that protects the intellect through IPR training.

File Description	Document
Upload any additional information	View Document
strategic Plan and deployment documents on the website	View Document
Paste link for additional information	View Document

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

Response:

Administrative Setup:

The college is governed by **Progressive Education Society** and is permanently affiliated to Savitribai

Phule Pune University, Pune.

The Chairman of the governing body is Dr. G.R. Ekbote who along with the Business Council Members of P.E. Society designs policies for smooth functioning of the college.

College Development Committee (CDC):

CDC is constituted as per Maharashtra Public University Act, 2016 (S-97). CDC is a recommending authority to the Management and functions for the development of the College. It comprises of the Management representatives, Principal, teaching and non-teaching staff.

CDC meets biannually and contributes to progress and development of the college. It advises on budgetary matters and issues like staff vacancies, recruitments, purchases.

IQAC

The IQAC comprises the Principal, Co-Ordinator, teachers, members of the management, and representation from students, alumni, parents, industry, education and corporate sectors. All developmental activities come under the purview of the IQAC.

Academic Administration

All academic functions are monitored by the Principal, Vice Principals, Heads of departments and faculty members. The Registrar, senior and junior Accountants, clerks, and support staff discharge administrative duties. The Central Library has a Librarian, Assistant Librarian, Library clerks and library attendants. The Department of Physical Education and Sports has a Physical Director and an attendant.

College-level Committees

Internal committees are constituted for overall student development through academic and outreach activities conducted throughout the year based on the Academic calendar prepared by the Academic Planning Committee.

The Admission Committee monitors admission in UG and PG programs based on the admission policies of the Govt. of Maharashtra and affiliating University.

Admission to certain courses is based on merit and entrance examinations. Admission is ensured to students with diverse needs, socially and economically deprived and *divyanjan* category.

Financial assistance is provided to students through

- Government schemes, scholarships, freeships
- Endowments funded by teachers and alumni
- Sponsorship of tuition fee by NGOs and philanthropic organizations

Service Rules and Recruitment:

The college follows the rules and regulations of affiliating University, UGC and Government of

Maharashtra. Recruitment of non- teaching staff is carried out as per the rules of the State Government. Certain policy decisions of the college are taken by the Management.

Recruitment of teachers is done through interviews conducted by a panel of experts who assess their subject knowledge, communication skills and other pre-requisites. In-service teachers are upgraded through research, FDPs and enrichment courses.

Promotional policies:

Promotion of aided and unaided teachers is based on the Career Advancement Scheme of UGC and State Government. The promotion of non-teaching staff is carried out as per State Government norms.

Grievance Redressal Mechanism:

Grievance-redressal mechanism is effectively implemented through statutory committees viz. Internal Committee, Grievance Redressal, Anti-Sexual Harassment, Anti-ragging, and Discipline committees.

Display boards on the campus provide information on rules-regulations, statutory warnings and code of conduct. ‘Suggestion Box’ in the college helps the Head of the institution address suggestions and complaints received and take necessary action.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document
Link to Organogram of the Institution webpage	View Document

6.2.3 Implementation of e-governance in areas of operation

- 1. Administration**
- 2. Finance and Accounts**
- 3. Student Admission and Support**
- 4. Examination**

Response: A. All of the above

File Description	Document
Screen shots of user interfaces	View Document
ERP (Enterprise Resource Planning) Document	View Document
Details of implementation of e-governance in areas of operation, Administration etc	View Document
Any additional information	View Document

6.3 Faculty Empowerment Strategies

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

Response:

Welfare Schemes for Teaching and non-Teaching Staff:

Orientation /Refresher / Short Term Courses /PhD / Graduation / Post Graduation

College encourages teaching staff to undergo Orientation / Refresher / Short Term Courses.

Non-teaching staff are encouraged to participate in Professional Development Courses and Capacity Building Workshops. Duty leaves are sanctioned to the staff for this purpose. Workshops on Stress Management, Communication Skills & Personality Development were organised. Teacher Training Programmes & FDPs are conducted through online and Offline Mode.

Encouragement and Motivation for pursuing Higher Studies to upgrade academic qualification. 40 teachers have acquired Ph.D. in last 5 years.

Funded Research Projects: College encourages teaching staff to undertake Research Projects and provides them with seed money and administrative support.

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

College provides **infrastructure support** viz. Computers, Laptops, Desktops, Printers, Scanners & LCDs to all the departments for day-to-day functioning, for academic activities and for personal research.

General Welfare Schemes for teaching and Non-Teaching Staff:

Housekeeping agency is appointed for maintaining **cleanliness** on campus, washrooms, staff rooms, corridors and departments.

Healthy and quality food is available in the Canteen amidst a hygienic environment.

Well Equipped **Gymnasium** is available for staff and students along with other indoor and outdoor sports facility to maintain fitness

Staff Academy: Programmes on Health and Insurance Awareness, Guidance for Investments, Stress Management, Covid 19 Pandemic Awareness Campaign were organised by Staff Academy for overall development of Teaching and Non-Teaching staff

Aashayghan, a cultural event brings out talents of Teaching and Non-Teaching Staff and provides a platform to showcase their creative expression.

Felicitation: Parent Institute felicitates staff members for their outstanding contribution in teaching,

research, extension activities, administrative work and other achievements. The institute encourages deserving staff members to apply for University Foundation Day awards.

Provident Fund: Employees Provident Fund (EPF) is a Retirement benefit Scheme provided by the Institution.

Pat Pedhi (Credit Cooperative Society) : Financial assistance is provided to the members of Employees' Credit Cooperative Society. Membership of the Credit Cooperative Society is offered to permanent Teaching and administrative staff. Monthly subscription and Loan repayment is deducted from the monthly salary.

Financial Help: financial assistance and advance salary is made available to needy staff

Institute provides **Medical Insurance** to Principal and Vice Principals.

Medical Assistance: Chairman, Business Council of parent institution is a well-known surgeon. He provides medical support through a well-equipped hospital. He provides medical guidance to the Staff.

Counselling Centre: College has a Counselling Cell for teaching, non-teaching staff and students. Stress management workshops are conducted to create a healthy atmosphere on the college campus.

Health Awareness & Sanitation: Health Check-up, Blood Donation Camps, HIV Awareness, Covid 19 Awareness Programs were conducted.

All precautionary measures were taken during Covid 19 Pandemic by increasing number of Wash Basins, procuring Oxymeters, Sanitizers, Temperature Guns, Handwash and maintaining physical distance

Ummeed: Community mental health program for library staff, peons and security staff on Self Care, diet and food habits, exercise, discussion on hobbies and relaxation techniques.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 15.87

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2020-21	2019-20	2018-19	2017-18	2016-17
8	117	0	0	0

File Description	Document
Upload any additional information	View Document
Details of teachers provided with financial support to attend conference, workshops etc during the last five years	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Response: 4.2

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

2020-21	2019-20	2018-19	2017-18	2016-17
14	2	3	2	0

File Description	Document
Upload any additional information	View Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centres)	View Document
Details of professional development / administrative training Programmes organized by the University for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).

Response: 28.99

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

2020-21	2019-20	2018-19	2017-18	2016-17
92	54	20	43	1

File Description	Document
Upload any additional information	View Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers)	View Document
IQAC report summary	View Document
Details of teachers attending professional development programmes during the last five years	View Document

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

Response:

Performance Appraisal System: for Teaching Staff

The Institution follows Performance Appraisal System laid down by the UGC and implemented by Savitribai Phule Pune University in the form of Performance Based Appraisal System (PBAS), the Minimum Standards and Eligibility Criteria for Selection and Promotion, Selection Procedure as well as API Score Requirements for the Different cadres.

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

Non-Teaching staff appointment and promotion

Policy for promotion and appointment of non-grant teaching and non-teaching staff is in place.

Non-teaching staff appointments:

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

Non-teaching staff promotion

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

Non-Teaching staff are given promotions after completion of 12 and 24 years of Services. Non-Teaching staff are also given Ex-Gratia Payment.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Response:

Internal audit is a continuous process. Internal auditor is appointed by the parent society. Each financial transaction is checked by the Internal Auditor. Internal Auditor checks...

- 1) All receipts and payment vouchers
- 2) Utilization of funds received from various agencies.

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

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

Report of internal audit is sent to the parent society every six months.

Statutory Audit is done annually after completion of every financial year. Auditor is appointed by the parent society. The statutory auditor checks:

- a) Purchase register and dead stock register.
- b) Library records and accession register.

c) Receipts and Payments.

Revenue Expenditure and Balance Sheet is prepared. The Auditor Report is discussed thoroughly. The expenditure and auditor report is submitted to the Business Council of Progressive Education Society.

Receipt payment statement of every month is sent to the Secretary, Progressive Education Society, Pune.

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

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

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

Response: 0

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

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

File Description	Document
Details of Funds / Grants received from of the non-government bodies, individuals, Philanthropers during the last five years	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Response:

College raises funds through various resources such as fees from students, salary grants received from the government for aided staff, scholarships from government and NGOs and Endowment Scholarships from alumni. In addition to the above-mentioned sources, the college gets funds and research grants from

funding agencies like UGC, DBT, DST, DAE, ICSSR Government of Maharashtra and Savitribai Phule Pune University (SPPU). The funds received under DBT- Star scheme are allotted to each beneficiary department and utilized according to their proposed activities.

Special funds have been generated through programmes like Science Academies and MHRD, GOI for conducting Refresher/ Lecture Series/ TLCs. The college also receives funds from SPPU for Quality Improvement Programs, Earn-and-Learn Scheme.

The funds received from the above mentioned agencies are transferred to the concerned stakeholders through the college bank account. The sanctioned funds are utilized properly to fulfil their stated purpose. Audit Reports are submitted timely to the funding bodies. The College is registered under DARPAN Portal with a Unique ID-MCASC GK 16. It is a mandatory requirement for institutes to get government funding.

Every year a budget is prepared taking into consideration requirements of each department, administrative office and various committees of the college. The budget is presented before the parent body. Utilization of budgeted amounts is monitored closely. Special permission is required for non-budgeted expenditure. Internal and statutory auditors guide on financial decisions from time-to-time.

Major purchases are done through a formal Purchase Committee, constituted by the management. The Committee thoroughly reviews the quotations given by vendors and service providers. Negotiation meetings are conducted and final decisions are taken based on a comparative analysis of those quotations.

The college ensures optimum utilization of infrastructure by running the college in two shifts for lectures and practical. Library and laboratories are open the whole day and are available for the students of respective as well as other departments. Instruments available in the Central Instrumentation Facility are available for all the students and faculty of the college. Science popularization and other outreaching programmes conducted under DBT-Star and DST- FIST programmes are free of any registration or participation charges. Special requirements of the students for carrying out their research projects like Animal and Microbial Cultures and other resources are met by the college. The college provides funds for various activities conducted.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes

Response:

IQAC constantly works on quality improvement. Under the aegis of IQAC, the Academic Planning Committee prepares a detailed academic plan every year and ensures optimum utilization of infrastructure.

Academic Calendar is shared with stakeholders through institutional website. IQAC has adopted quality improvement strategies in areas like curriculum-development, teaching-learning, examination-evaluation, research and development.

Skill-based courses are designed keeping in view the demographic diversity. College also runs its self-designed curriculum for Bachelor of Vocation (Food Processing) and BSc Blended (Chemistry) programmes.

IQAC gathers feedback from all stakeholders, based on which teachers are suggested to conduct bridge, add-on and remedial courses and to use ICT-based teaching methods to improve the teaching learning process.

e-governance

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

All computers in college are connected through LAN. College has developed a 'Common Online Server' to preserve and provide academic and official data under a centralized system. Information through this server is used for official purposes like drafting of magazine reports, annual reports, higher education reports, submission of AQAR and preparation of SSR etc. This also gives accessibility to the Management to scrutinize and verify all the activities conducted by different departments of the College.

College has adopted a paperless documentation system. A systematic format for collection of relevant information along with documentary evidence is developed by DVV committee constituted by IQAC. This ensures timely-submission of information related to academic, co-/extra-curricular activities.

Computerized methods are followed and advanced software are used to keep records of all finances of the College. The Management checks, verifies and guides the finance and accounts section. Online admission is done through Vriddhi Software and Digital Edu platform. Besides, online messages and short messaging services are used to notify students about academic and official activities. Teaching faculty has also created Google groups and WhatsApp groups to post updates and notices related to academic and official documents.

The college has adopted customised Moodle LMS for sharing study material, submission of assignments and conduction of online examinations. The College has also subscribed to G-Suite and Microsoft Teams to conduct online lectures. College provides institutional email IDs to all students and staff for official correspondence.

Examination Committee ensures smooth conduct of internal, practical and university examinations. Online examinations are successfully conducted through various platforms available. Seating arrangements for offline examinations are provided online to the students through college website. Results of internal examinations are displayed on the College Website.

Human Resource Development

IQAC initiates Capacity Building Programmes for teaching and administrative staff. For teaching faculty efforts are taken for enhancing domain knowledge. Awareness about research-based teaching pedagogies is

generated through workshops and interactive discussions. Research Committee works to strengthen and motivate faculty and students to indulge in research-based activities and for enhancing the standards of learning.

IQAC tries to involve extramural support by roping in professional bodies for MoUs and FDPs. Training programmes on online teaching-learning processes and Capacity Development Workshop for administrative staff were conducted by in-house faculty.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms and recorded the incremental improvement in various activities (For first cycle - Incremental improvements made for the preceding five years with regard to quality For second and subsequent cycles - Incremental improvements made for the preceding five years with regard to quality and post accreditation quality initiatives)

Response:

The college has a functional IQAC constituted as per the norms that includes the Principal as Chairperson, a Co-ordinator, Members from Management, Teacher Representatives, a representative of Administrative Staff, one nominee each from Local Society, Students, Alumni, Employers, Industry and Parents. IQAC works as a think tank giving strategic inputs for continuous improvement.

IQAC has constituted a feedback committee which seeks online feedback regularly from all stakeholders on syllabus, infrastructure, teaching-learning process and their expectations. Based on their feedback cognisance is taken. We take necessary action on feedback.

IQAC suggests concerned teachers to conduct bridge courses, add-on courses and remedial courses and to use ICT based teaching methods to improve the teaching-learning process.

Capacity-building for teaching-learning and evaluation:

IQAC initiated training programme for introducing use of ICT in teaching-learning and evaluation. To equip teachers to acquaint with communication technology, workshops are conducted on new ICT tools and developments in learning management systems.

IQAC organised training in online teaching and classroom management, using newer ICT tools, understanding and using Learning Management System. A training program with external agency on exploring online Learning Management System, Mograsy was organised for all faculty members in two batches on 30th June and 6th July, 2019. An e-Content workshop was organised to give additional inputs on creating of open educational resources, recording lectures, video-making, video-editing, audio-visual

effects, creating and hosting YouTube channels

A customised LMS, Moodle has been developed that integrates teachers and students for teaching-learning and evaluation process. Also FDP on Moodle LMS was organised that trained the teaching faculty. This system gives the details of all the registered students of the college according to their faculty, department, subject and class. The data is integrated with the online admission platforms. Teachers upload study material and learning resources like videos, power-point presentations, notes on Moodle. The learners join forums for discussions, upload their assignments and projects through Moodle. Internal evaluation is also conducted using LMS platforms. Personalised messages, notifications and declaration of results are communicated through Google Groups and other social media. Technology enabled learning has helped to minimize the physical distance.

Facebook Live and YouTube live are the platforms used to organize online events, competitions and lectures for learning different skills. Teachers use these platforms to reach out to students. Teaching and learning is not restricted to live classes, it goes beyond that due to the use of information shared by teachers on social media. Teachers have their own YouTube channels which they use for live streaming and for sharing of recorded lectures.

In-house faculty organised FDP on online classroom tools like Microsoft Teams, Zoom and Google Classroom. 61 hours of ICT related training programmes were organised. 139 (100%) teachers attended the same. The college started LMS before pandemic started and intensified the use of LMS during pandemic. This enabled 100% teachers to use this platform for all the students.

IQAC is organising an induction program for teachers and Trainer's Training on teaching pedagogies for newly inducted teachers. Before UGC made induction programmes mandatory, the IQAC proactively started organising induction programmes for students so as to make newly admitted students aware about college activities. IQAC organises departmental presentations and discussion sessions to share knowledge and exchange various teaching methodologies adopted by different teachers and professionals. Such exchange helps the teaching faculty to understand recent developments in other faculties. All these efforts have made effective implementation of ICT enabled teaching-learning and evaluation process.

Focus on Outcome Based Learning

IQAC organised training sessions for defining learning outcomes, understanding Graduate Attributes and also for understanding the procedure for calculating attainment thereof.

Teachers were guided for mapping of syllabus with Programme Outcomes and Course Outcomes and for enumerating course outcomes for their respective courses.

The learning outcomes are made available on the institutional website for all the stakeholders. Also, a manual has been prepared for enabling the teaching faculty to understand the concept, practice and apply for their students. Along with results of examination, student progression and placements, research publication, participation in events, competitive examinations bring out outcome based learning.

With concerted efforts of IQAC, the Principal and teaching faculty, can see incremental growth in many areas. Number of programmes offered has increased from 17 in 2017-18 to 22 in 2021-22, students reflected in the list of university rankers and secured gold medals, number of teachers with Ph. D. has increased from 45 in 2017-18 to 58 in 2021-22, number of Ph. D. guides has also increased to 17, the

number of research projects increased from 44 to 49 and the volume of scholarship enhanced from Rs. 3.4 crores to Rs. 4.56 crores. Augmentation of infrastructure is visible as all the classrooms have been IT-enabled, the campus is wi-fi connected, infrastructure for research viz. Central Instrumentation Facility 'Modern-CIF' and specialised labs have been set up, and the number of publications has seen an increase. Experiential learning is being widely practiced in all the departments. The College has exemplified leadership in research by getting remarkable research grants to the tune of Rs. 7.5 Crores.

File Description	Document
Upload any additional information	View Document
Paste link for additional information	View Document

6.5.3 Quality assurance initiatives of the institution include:

1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
2. Collaborative quality initiatives with other institution(s)
3. Participation in NIRF
4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA)

Response: A. All of the above

File Description	Document
Upload e-copies of the accreditations and certifications	View Document
Upload details of Quality assurance initiatives of the institution	View Document
Upload any additional information	View Document
Paste web link of Annual reports of Institution	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity during the last five years.

Response:

- Regular curriculum covers the gender equity aspect : emancipatory ideologies, compulsory credit on Democracy, extra credit for 'Gender spectrum and media' gender aspect and crime, inclusion and exclusion, Human rights and Social justice
- Sociology of gender, Education and gender, gender and development discourse, Laws around Gender Inequality: Patriarchal System and Gender Inequality, Psychology of women, Social Issues and Applied Psychology, Reproductive Health, Gender differences and Cognitive Ability, Right to Equality in Indian constitution, Human rights, Ethics in Psychological Research, Cyber security are some topics covered in the syllabus.
- UG certificate course on 'Gender and Development' in collaboration with the Women's Study Centre of affiliating University.
- Extra credit course undertaken for B.Com. first year students on 'Gender Sensitivity'
- Use Classroom discussions as a pedagogical tool to understand and engage with gender aspects.
- In the last five years We have organized **Eleven** workshops for the students as well as for the teachers with the help of prominent NGOs and organizations e.g. ABHIVYAKTI, Rotary Inner Wheel Club, experts and scholars who are working in the field of Gender Mainstreaming.
- Under 'Vidyarthini Manch' and 'Nirbhay Kanya Abhiyan' various training programs for girl students were initiated.
- National Quiz Competition for the college students under the guidance of The National Commission for Women was organised.
- The college and department fests (Psy-world, VIVIDHA, Anubhuti, Litcarnation: A literary carnival) carry a prominent and forceful message to promote gender equity in creative ways.
- College magazine, *Akanksha* and other departmental publications (Kaleidoscope, Aurora) also communicate a commitment about gender equity and inclusion.
- Commerce faculty conducts regular programs on financial literacy and financial inclusion for women.
- Our staff is committed to the Gender equity goal and it reflects in their academic endeavours. Three faculty members have been awarded Ph.D. on women empowerment aspect. The book Titled "Psychology and Gender" published by SAGE Publications is written by a faculty of the institution.
- In collaboration with IWC Pune; IWC Gen-Z club of our college provides the platform to discuss gender concerns.
- We ensure access to required services in routine college hours on the campus and create inclusive infrastructure.
- Institutional infrastructure provides Girls rest rooms and washrooms with adequate water facility and sanitary napkin kits keeping hygiene as an essential concern.
- We have a retiring room with paramedical support and a college vehicle to reach the primary health care centre in SPPU campus which is located a hundred meters from our college.
- Security aspect is another part of infrastructure which can provide a safe place to explore, engage

and attain knowledge and use full potential. Campus is well protected by compound walls and security guards. Each corridor, passage and laboratory have CCTVs and there are large display screens to keep a tab on unwanted activities.

- We have constituted an 'Internal complaint committee'.
- 'Anti-Ragging Committee', 'Anti sexual harassment cell' and 'Counselling Cell' are functional.

File Description	Document
Link for specific facilities provided for women in terms of: a. Safety and security b. Counselling c. Common Rooms d. Day care center for young children e. Any other relevant information	View Document
Link for annual gender sensitization action plan	View Document

7.1.2 The Institution has facilities for alternate sources of energy and energy conservation measures

- 1.Solar energy
- 2.Biogas plant
- 3.Wheeling to the Grid
- 4.Sensor-based energy conservation
- 5.Use of LED bulbs/ power efficient equipment

Response: A. 4 or All of the above

File Description	Document
Geotagged Photographs	View Document
Any other relevant information	View Document
Any other relevant information	View Document

7.1.3 Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste (within 500 words)

- Solid waste management
- Liquid waste management
- Biomedical waste management
- E-waste management
- Waste recycling system
- Hazardous chemicals and radioactive waste management

Response:

Waste management is very important as it reduces the toxic impacts on the environment. The institution

has a 'Swachhata Action Plan Committee'. Committee is proactive to ensure zero littering. **Solid waste is first segregated into biodegradable, non-biodegradable and recyclable waste in separate colour garbage bins.** Non-biodegradable waste is disposed of as per MoEF norms.

Organic biodegradable waste including canteen waste **is processed in the Baction-composting** unit installed by Nila Polycast Baction. The process in the Baction drum is driven by the action of microbes in vessel condition. It is a Batch process of composting i.e addition of wet waste into the drum and removal of final product after a lag phase of 15 to 18 days. Garbage is processed and manure is generated which is used for plants in the campus.

Water used in various science departments during practical for performing laboratory experiments contains organic and inorganic matter in varying degrees of concentration. To treat this contaminated water our college has installed the **Effluent Water Treatment Plant** near the chemistry department. The **effluent treatment plant** cleans the effluents from the wastewater so that it can be recycled for further use. This is used for watering the plants in the campus which helps in minimising waste from premises. Similarly the waste water coming out from the Ro plant is systematically utilised for plants in the campus.

Used solvents are either recycled by using Rota evaporator or before disposal of chemicals, students treat the chemicals, dilute them and then discard them in a proper way.

For safe disposal of bio-waste, the college has signed a contract with '**Pasco Environmental Solutions**'. Bio waste is segregated into dry, wet, sharp and stored in separate colour bags before being given to Pasco. **Biomedical waste like** microbial cultures and media are autoclaved before disposal.

The College has provision for **centralized e-waste management** guided by a dead stock committee. For proper disposal of E - Waste College has signed a MOU with Kuldeep E-scrap material (MPCB Authorized E-Scrap Collection Centre - Regd No : BO/Ro(HQ) HW/ E-Waste/Collection Centre/2016/k/B-557) to which all the e-waste collected during an e-waste collection drive is given.

Other scrap materials like metal, wood, glass etc. which are collected from laboratories and the college campus are given to scrap dealers for recycling.

Old newspapers and other paper material (Raddi) is also given for recycling.

Radioactive waste is not generated on the campus.

File Description	Document
Any other relevant information	View Document
Link for Relevant documents like agreements/MoUs with Government and other approved agencies	View Document
Link for Geotagged photographs of the facilities	View Document

7.1.4 Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Borewell /Open well recharge
3. Construction of tanks and bunds
4. Waste water recycling
5. Maintenance of water bodies and distribution system in the campus

Response: A. Any 4 or all of the above

File Description	Document
Geotagged photographs / videos of the facilities	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.5 Green campus initiatives include:

1. Restricted entry of automobiles
2. Use of Bicycles/ Battery powered vehicles
3. Pedestrian Friendly pathways
4. Ban on use of Plastic
5. Landscaping with trees and plants

Response: A. Any 4 or All of the above

File Description	Document
Various policy documents / decisions circulated for implementation	View Document
Geotagged photos / videos of the facilities	View Document
Any other relevant documents	View Document
Link for any other relevant information	View Document

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

1. Green audit
2. Energy audit
3. Environment audit
4. Clean and green campus recognitions / awards
5. Beyond the campus environmental promotion activities

Response: A. Any 4 or all of the above

File Description	Document
Reports on environment and energy audits submitted by the auditing agency	View Document
Certification by the auditing agency	View Document
Certificates of the awards received	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.7 The Institution has disabled-friendly, barrier free environment

1. Built environment with ramps/lifts for easy access to classrooms.
2. Divyangjan friendly washrooms
3. Signage including tactile path, lights, display boards and signposts
4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment
5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading

Response: A. Any 4 or all of the above

File Description	Document
Policy documents and information brochures on the support to be provided	View Document
Geotagged photographs / videos of the facilities	View Document
Details of the Software procured for providing the assistance	View Document
Any other relevant information	View Document
Link for any other relevant information	View Document

7.1.8 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities (within 500 words).

Response:

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

The college especially has a large presence of students from **North Eastern states. International students** add to the diversity. Currently there are 16 students from 9 different countries. There is an

International Student Cell and a group for North East students and students of Jammu and Kashmir with a teacher assigned to them so that help can be provided if needed. During the college fest *Vividha*, stalls are assigned to International and North East Students where they prepare their traditional food and drinks

Diversity is also seen in the **Parent Stakeholders**. We have parents whose occupations range from farmers, auto rickshaw drivers, house help to businesspersons and doctors.

A classroom may include a student from rural Maharashtra as well as a student from another country both face challenges in the English language. In order to address this language diversity we have a **Language Lab** with software to familiarize students with spoken as well as academic English.

Cultural diversity is acknowledged and in view to get exposure to different cultures a '**Culture Day**' is organised.

Peer Platforms and informal **Support Groups** are created to provide an **Inclusive Space** for students. An activity conducted under Disha Psychology Study Circle was the topic 'Psycho Socio Inclusion of North Eastern Students'.

The college magazine **Akanksha** usually has a section dedicated to International students and students from other states to write about their experiences of studying in the college and being in a new city.

For students who are physically disabled an inclusive environment is created by providing them with facilities. Software to read out books is available in the Library.

Writers are arranged for visually impaired students during examinations.

Ramps, elevators and accessible washroom facilities are available to make the campus disabled friendly. With an effort to cater to the overall wellbeing of disabled students, the Department of Psychology in collaboration with Sruti Disability Centre organized a talk on the topic, 'Mental Health from a Feminist Disability Lens'.

Student Aid Fund 'SETU' funded by staff members offers **scholarships** to needy students. Rs. 2,96,995/- were offered to 43 students.

The college has also undertaken a **Diversity Audit** to identify any concerns that need to be addressed.

With regard to **situatedness**, college makes most of its location. The college provides inclusive education so as to cater to the students from diverse socio-economic group residing in the vicinity.

College is surrounded by national level research institutes viz. NCL, NCCS, NIC, IISER, HEMRL etc. that provide opportunities in research for teachers and students.

College is situated at a 500 meters distance from Savitribai Phule Pune University. **University Health Centre** is available for college use. College supplies scribes to University. College falls in close proximity of Pune Region Higher Education directorate which is helpful in resolving queries.

Proximity to Chaturshrungi, Panchavati and Baner Hills gives advantage for planning eco-friendly activities.

File Description	Document
Link for supporting documents on the information provided (as reflected in the administrative and academic activities of the Institution)	View Document
Link for any other relevant information	View Document

7.1.9 Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens (within 500 words).

Response:

Dr. B. R Ambedkar in his writings said that ‘Constitutional morality is not a natural sentiment. It has to be cultivated.’ This statement is a guiding force in the college as we believe that an academic institute is a space where constitutional morality can be cultivated.

There is a functional committee appointed to maintain Code of Conduct which has put together a Code of Conduct document which is displayed on the college website and printed in the Teacher’s Diary as well as in the Prospectus.

An **Induction Program** is organized every year for the **First year Students**. The program provides an opportunity for the students to understand the expected code of conduct. Familiarize them with rights and responsibilities and empower them with the knowledge of platforms and options in case of grievance. Also includes an introduction to constitutional values.

Induction Programs are also conducted for Academic and Administrative **Staff Members** to orient them with ethical practices and responsible behaviour.

From the viewpoint of academics various courses have been included in the syllabi to ensure that students are exposed to values encouraged by the **Constitution**. ‘**Human Rights**’ has been a compulsory credit for all Masters Courses.

‘**Constitution**’ as an **Extra Credit Course** has been recently introduced in 2020 as a part of the Masters Program whereas for the First Year students ‘**Democracy**’ has been included as a part of the credit course. **MA Sociology** course now includes **Human Rights** as a core paper.

Constitution Day is commemorated every year by the college, along with **Voters Day** where a pledge is taken by staff and students to exercise their right to vote.

The Preamble, Pledge and certain sections of the Constitution are **displayed** around the campus.

Essay competitions are held with themes around the constitution to encourage students to read, research and write. Some topics of the essay competition include ‘*Swachh Bharat Abhiyan and I*’, ‘*Research Development and Human Values*’, *Historical Heritage: Preservation and Conservation*’

'My Nation My Pride' is an event organized jointly by the Commerce and Sociology Departments where a forum of experts and students discuss topics of significance for our nation and society. One such forum was on National Integration and was presided over by Lieutenant Colonel Kulkarni.

"It shall be the duty of every citizen of India to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures." (Article 51-A (g) of the Constitution). To ensure the implementation of this, **Environmental Studies** is a compulsory subject for the Second Year students to create awareness about the importance of conservation of resources and increase their concern towards environmental issues.

The college has active teacher student groups like **Trekking, Cycling and Eco Clubs** which encourages **biodiversity awareness** among students by conducting various activities like Nature Trails, River Cleaning Drive, Conserve Mother Earth. Lecture series on Environmental concerns and many more.

All **Mandatory Committees** prescribed by the University Grants Commission are active and functioning.

File Description	Document
Link for details of activities that inculcate values necessary to render students in to responsible citizens	View Document
Link for any other relevant information	View Document

7.1.10 The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.

- 1. The Code of Conduct is displayed on the website**
- 2. There is a committee to monitor adherence to the Code of Conduct**
- 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff**
- 4. Annual awareness programmes on Code of Conduct are organized**

Response: A. All of the above

File Description	Document
Details of the monitoring committee composition and minutes of the committee meeting number of programmes organized reports on the various programs etc in support of the claims	View Document
Code of ethics policy document	View Document
Any other relevant information	View Document

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

festivals (within 500 words).

Response:

National festivals and Commemorative Days play an important role in planting the seed of humanity and oneness among the students. Celebration of these festivals commemorates the sacrifices of our great leaders and freedom fighters. It also helps to cherish the thoughts and ideologies of the great personalities of our nation.

To commemorate the Birth Anniversary of Historical Figures, the college either invites an expert in the field or appoints an in-house member to deliver a speech on a particular aspect of the life of the Personality or take into consideration a unique perspective of the life of the person being celebrated. This gives the audience new insights and fresh views of our eminent National Figures.

Dr. BR Ambedkar Jayanti, Chhatrapati Shivaji Maharaj Jayanti, Gandhi Jayanti and Lal Bhadur Shastri Jayanti, Sardar Vallabhai Patel Jayanti, are commemorated every year to give students and staff members an opportunity to expand their knowledge on the teaching of our leaders.

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

National Voters Day has been celebrated in a unique fashion by the Department of Political Science. A demonstration of the Electronic Voting Machine developed by the Department of Electronics was held for the First Year students. In the year 2022 the college in collaboration with the Department for Higher Education of Maharashtra organized a lecture which was presided over by the Director of the Department of Higher Education which was broadcasted on YouTube.

To mark National Youth Day a series of activities tapping into the various talents of the young students are planned in a college level event named 'Yuva Saptah'. Every year on the days leading to 12th January which is the Birth Anniversary of Swami Vivekanand, different activities like Poetry Recitation, Mehndi, Rangoli and Handwriting Competition, Poster Making Competition, Psychology, History and English based quizzes are conducted.

National Science Day, Mathematics Day, Statistic Day, Hindi Divas, Marathi Bhasha Din and few more are staple celebrations in the academic calendar.

Vachan Prerna Din (Inspiration to Read Day) is marked with a book exhibition and a book donation drive.

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

Another outcome of marking days of National and International importance is the awareness that is created by the commemoration of those days.

Environmental Day, World Population Day, Earth Day are marked by different activities like Poster Competition, Treks, Cycling Rally which are organized by Eco Club, Cycling Club and Trekking Club.

National Bird Week was marked by a lecture series organized by the Department of Zoology, World

Wetland Day was commemorated by a Poster Competition conducted by the Department of Botany.

World Suicide Prevention Day and World Mental Health Day are marked by trying to create awareness of the same by displaying Posters drawn by students and rallying around the campus spreading the message about the importance of Mental Health.

File Description	Document
Link for Geotagged photographs of some of the events	View Document
Link for any other relevant information	View Document
Link for Annual report of the celebrations and commemorative events for the last five years	View Document

7.2 Best Practices

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

Response:

Best Practice 1

Title: Catering to Mental Health of College Community

Objectives:

- Catering to the Mental Health needs of various stakeholders in the College Community (students, teaching staff, ancillary staff, alumni and parents) is an objective of activities conducted by the Department of Psychology.
- Awareness-building, reducing stigma, consciousness raising about the importance of Mental Health steers various activities.
- Armed with the knowledge and expertise with regard to Mental Health, another aim is to reach out to the larger social community, identify needs and help address their concerns and participate in information dissemination.
- This practice follows the guiding principles laid down by the World Health Organization of prevention, promotion and treatment in the area of mental health.

The Context:

A study conducted to measure mental health literacy in the Indian context found mental health literacy among adolescents to be very low, i.e. depression was identified by 29.04% and schizophrenia/psychosis was recognized only by 1.31%. Stigma was noted to be present in help-seeking[1]. The suicide rate in India in 2015 at 15.7/100,000 is higher than the regional average of 12.9 and the global average of 10.6[2].

These findings reinforce the need to increase attention given to mental health and especially in the context of adolescents and young adults who are the major stakeholders in Higher Education Institutions.

Most chronic and debilitating mental illnesses have their onset before 24 years of age when most are a part of the educational system. From including mental health narratives in curricula toward, de-stigmatization, removing discrimination and early detection, to empowering stakeholders for early detection and simple interventions; the educational system yields many opportunities for enhancing mental health awareness[3].

WHO Preventing Suicides: Global Imperatives Report, 2014 had predicted India as the hotbed of suicides with adolescents and young adults being the most vulnerable. Considering the diversity of students: urban poor, middle class, students from North East and international students, catering to their mental health in a creative, inclusive, bottom-up manner is a challenge[4].

With this context in place various activities under Mental Health Practices are planned and executed.

The Practice:

All the activities under the banner of Mental Health fall into one or the other bucket of the directives of WHO which are Prevention, Promotion and Treatment of Mental Health and catering to the UN SDGs of mental health, inclusion and gender issues.

With a view of Prevention, World Suicide Prevention Day is commemorated every year on 10th September by a **Suicide Prevention Campaign**. Students prepare handmade/digital Posters portraying the message creatively that Suicide is Preventable. Details of the Counselling Cell in college and Suicide Prevention Helplines are mentioned in the Posters. Students take these posters and visit classrooms and spaces around the campus and speak to students about Prevention of Suicide.

In an initiative to move beyond the campus, the activity was extended to the neighbouring Modern College High School, Modern Law College and Modern NCL, Junior College as well. The students with their posters and messages visited these three campuses to raise awareness.

On **World Mental Health Day**, students are encouraged to speak on themes like mental health, disability, stigma, myths, ask questions and express their concerns.

For Promotion of Mental Health, following activities are undertaken...

- Disha- Peer-Support Group
- Kaleidoscope- Psychology Magazine
- MindScape- Psychology Research Compendium
- Koshish- Community based Internship
- Ummeed- College Community Mental Health.

From a Treatment perspective the functional and active Counselling Cell has been helping individuals cope and recover from various mental health issues. During reporting period 232 beneficiaries availed the services in person and online as well since the last two years of the pandemic.

Counselling cell organizes life-skill workshops, empowering the participants with tools like stress-management, confidence-building, goal-setting etc. Such life-skills and self-care workshops are conducted

for ancillary staff under UMMEED and annual workshops for teaching staff on life skills, work-life balance, parenting and conflict resolution.

Head of Psychology Department participated in framing of 'WHO Mental Health Quality of Rights' which was launched in 2021.

Staff Academy organised a workshop on Mind Matters: where health meets happiness for women teachers in international women's day.

A session on 'Power of Positivity' was conducted for science students (136 beneficiaries).

A state level workshop on 'How to initiate and strengthen Counselling Cells in Colleges' was organized to guide other HEIs and NGOs.

In Psychology Fair, Psy-world, students are trained in project-based learning. It takes the message of psychological practice and mental health to larger society.

The entire practice respects vulnerabilities and helps to give voice to unsupported and the activities feed into each other as an organic whole.

Evidence of Success:

Some tangible outputs during the reporting period are:

- 232 Students benefited from one on one counselling.
- 250 Students have benefited from attending various workshops like Life Skills, Study Skills, Stress Management and Confidence-Building.
- 14 issues of the Psychological Thematic Magazine Kaleidoscope.
- Mental Health Awareness Booklet made by students interning at Eklavya
- 60 Students visited various organizations for Structured Internships Koshish
- 78 Support Staff received training in self-care through the medium of Ummeed- College Community Mental Health
- Five volumes of Mind Scape research compendium.
- 45 students have presented papers in National and International Conferences.
- Validating feedback from beneficiaries of the counselling sessions
- Invitation to be Member of State Mental Health Core Committee by Disability Commissioner, Government of Maharashtra and Participation in State Level Workshop on Mental Health organized by Commissionerate by Head, Department of Psychology as Resource Person, faculty members and students representing Disha Speak out and Peer Support Group.
- 120 people received guidance and information dissemination through a one day workshop - 'How to Establish and Strengthen Counselling Cells in College Campuses.
- 1700 visitors attended the Psychology Fest 'Psy-World'
- Amelia Ubesie, PhD student from Pennsylvania, USA studied these practices under one-month mentoring collaborative program, where she was mentored by the Head, department of Psychology.
- Three Publications of students, one of staff members and eight publications of Head, Department of Psychology based on some of the practices have helped in creating a snowball effect about mental health awareness

Problems Encountered and Resources Required:

Since mental health is a gray area and a complex field, we in India, are stuck between stigma and awareness and hence we have to be very careful about our messaging in all our activities in terms of knowledge, facts, cultural appropriateness and addressing a diverse audience.

We need more material and human resources to take this work further.

Notes:

References:

[1] Ogorchukwu JM, Sekaran VC, Nair S, Ashok L. Mental health literacy among late adolescents in South India: What they know and what attitudes drive them. *Indian J Psychol Med.* 2016;38:234–41.

[2] World Health Organization. World Health Statistics 2016. Geneva 27, Switzerland: World Health Organization; 2016.

[3] Kalpana Srivastava, Kaushik Chatterjee, Pookala Shivaram Bhat, Mental health awareness: The Indian scenario, *Ind Psychiatry J.* 2016 Jul-Dec; 25(2): 131–134.

[4] Natu, S College Mental health : The Disha Experience , MFC Bulletin, MFC, Pune

Best Practice 2

Title: Future Bankers' Forum – A Step towards Professional Banking

Objectives:

The vision of the Future Banker's Forum (FBF) is to create a centre of excellence in banking and financial sector. The Forum aims at...

- Making the students aware about the challenges and opportunities in banking sector.
- Imparting various skills and values to develop professionalism
- Making the students market-ready
- Ensuring financial literacy among students of schools/colleges, farmers, villagers and Self-Help Groups

Key principles guiding objectives

- Tailor-made approach
- Learning while doing
- Collaborate for capacity-building
- Enrich and empower with the knowledge
- Make yourself and other financially literate

The Context

Various initiatives of government of India and Reserve Bank of India helped us to reach to the 85% of financial inclusion. Financial literacy along with financial inclusion is important for making the students financially independent. For healthy and trustworthy relationship between banks and public it is essential to understand the rights and duties related to financial activity. Indian banking and financial sector is facing some challenges like.

- Right, safe and secure use of various digital payment platforms and incentivising the same[1].
- Educating and empowering the urban and rural community and socio-economically disadvantaged groups of the society
- Lack of investment awareness and literacy
- Management of assets

There are some challenges in educational industry too. As per the Human Resource Development Report 2020 out of 5 only one employed person is skilled in India. In supply of skilled workforce India is 129 amongst 162 countries. Research and innovation, Practical exposure and training etc. has got an importance very recently in higher education institutes.

The practice

In order to overcome various challenges of Indian Banking Industry our college started Banking Club in 2011 and further restructured as Future Bankers' Forum (FBF) in 2018. The main motive of the club was to inculcate values, ethics and disciplined behaviour amongst the students.

- **Management and Governance**
- **Advisory committee:** is the think tank of FBF. It consist of Principal, Vice Principal, Industry expert, alumni bankers, ex-bankers, parent bankers, staff and student representatives. Advisory committee designs student-centric programs.
- **Team of Forum:** Consisting of students working as Liaison officers, looking after correspondence and responsibility of coordinating the event.

Forum collaborates with Modernites® Alumni Association, for Street Play on demonetization, connecting to Indian Postal Banking Services, career counselling during *Vividha* exhibition.

Unique activities

- **Bank Connect:** Activity to connect school children, villagers, farmers to banks. We use a **Banking Kit** comprising forms, slips, financial literacy material and videos.
- **Campus Bank Connect:** FBF students jointly with banks/ Post Office organise camp for PAN card application. College house-keeping staff is guided to use banking services. First year students are required to open bank account and use of payment gateways.
- **Hands-on training:** Final year students work with banks since 2008 for getting practical experience of banking operations.
- **Banking Day:** In the memory of late C.D. Deshmukh (first Indian RBI Governor) every year 11th August is celebrated as the Banking Day. FBF volunteers take self-designed Pledge to make Indian banking system strong.
- **FBF Pride award** in the memory of late C.D. Deshmukh is presented to a student showing outstanding performance.

- **Celebration of New Year with senior citizens:** On every 30th December New Year eve is celebrated at old age homes. FBF displays poster on door-step banking announced by RBI in 2017. It creates a sense of social responsibility among students.
- **Mock Parliament:** Forum conducts Mock Parliament to make the students aware about the ordinance, passage of bill and legislation related to banks through role plays.
- **Bank Mitra:** A social platform is initiated to undertake surveys, street-plays, distribution of financial literacy material at schools, villages to support the national policy of financial inclusion and literacy.
- **Blog Writing:** A Blog developed in house to nurture writing, analytical and research skills of advanced learners.
- **Skill development course in operational banking:** Since 2019-20 FBF is implementing a skill-development course designed by alumni bankers to make the students aware about changing business profile of banks.
- **Celebration of My Nation My Pride:** 14th February is celebrated as My Nation My Pride to inculcate patriotism and nurturing the qualities of worrier citizen.
- **Investment awareness workshops:** orientation sessions are organized annually jointly with Knowledge Wealth Pvt Ltd to encourage students for investment in stock markets and mutual funds.

Evidence of success

- 172 students were linked to banks under Pradhan Mantri Jan-Dhan Yojana (PMJDY) by 26 FBF volunteers. Before the concept of Business Facilitator (Business Correspondent) became popular, FBF volunteers played this role in national campaign of financial inclusion. Forum had organized Kisan Parents and Students Meet to make them aware about various schemes and discuss challenges in agro-finance.
- Our students are securing good positions in banks, insurance and stock market.
- Forum has tried to achieve the targeted benchmarks in the areas of...
 - **Teaching:** Curriculum development through skill development course, internship in bank, use innovative teaching pedagogies, participative learning and problem solving.
 - **Research:** conduct surveys, motivate to write research papers, articles on self-developed blog.
 - **Extension:** Through Bank Mitra, Bank Connect, Celebration of New Year with grandparents cultivated a sense of social responsibility.
- Apart from these outcomes we could achieve...
 - Linkages with Banks like Vidya, Cosmos, Janata Cooperative, Bank of India and Indian Post Office for Internships/training with 659 beneficiaries. Association with Kabira Institute, Les' Beauty Centre for training, Abhinav Farmers Club for Agro to Campus, College of Agricultural Banking RBI for Bank Mitra Social Platform.
 - Interdisciplinary approach with Departments of Computer Science (Blog), Political Science (Mock Parliament), Sociology (My Nation My Pride) and Mathematics (test your quantitative aptitude).
 - Financial inclusion and Literacy: Through Bank Connect 1200 students have opened an account and connected to payment gateways.
 - Bank Mitra Campaign for financial literacy at Modern High School, Pune and at villages viz. Jambhe, Lawarde, Garadee, Khamgaon Chhatra
 - Distinct features –Pledge (Code of conduct), Banking Kit (compilation of forms), Logo and Caption.

- Skill enhancement –event management, leadership, technical, behavioural and managerial.

Problems Encountered

- Being an affiliated college it is difficult to fit additional activities in a well-defined structure.
- Students opting professional examinations (CA-CPT/ICWA/MPSC/UPSC) find it difficult to join such activities after college hours.
- Absence of funding agency covering financial inclusion and literacy.

Notes (Optional)

Energetic youth of HEI and banking sector together can play a remarkable role in nation-building. Students can play an important role as Business Facilitator for the financial institutions to bring a sea change in the economic empowerment of every citizen. This will reduce the pressure of bankers to reach out to stakeholders. Thus it can be a win-win situation to both, banking sector and HEIs.

Suggestions: HEIs can tap their alumni in the field of banking, finance and insurance to involve them in planning, designing and implementation of academic/co-curricular activities.

Reference:

- [1] Malik Sarath, 2019-20, Review of Banking Sector in India.

File Description	Document
Link for Best practices in the Institutional web site	View Document
Link for any other relevant information	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

Creation of a research-based experiential learning centre

Modern College has taken sincere efforts in introducing student-centric, research-based teaching pedagogies and created a research-based experiential learning centre. A distinctive feature was the introduction of research projects at under-graduate levels under DBT Star Scheme and to continue them till their final years of UG programs. With 150 students undertaking research projects in 2012-13 the number crossed 500 per year in 2019-20. This unique experiment got a wide appreciation from DBT, GoI and was highlighted on DBT's website (<http://dbtindia.gov.in/schemes-programmes/building-capacities/teaching/star-college-scheme-strengthening-ug-science>). Experiential learning was well-

supported by laboratory infrastructure developments, with procurement of large number of small equipments besides some high-end equipments, restructuring and renovating of laboratories. All ten science departments were supported under DBT Star, probably only college in country to have support for so many departments.

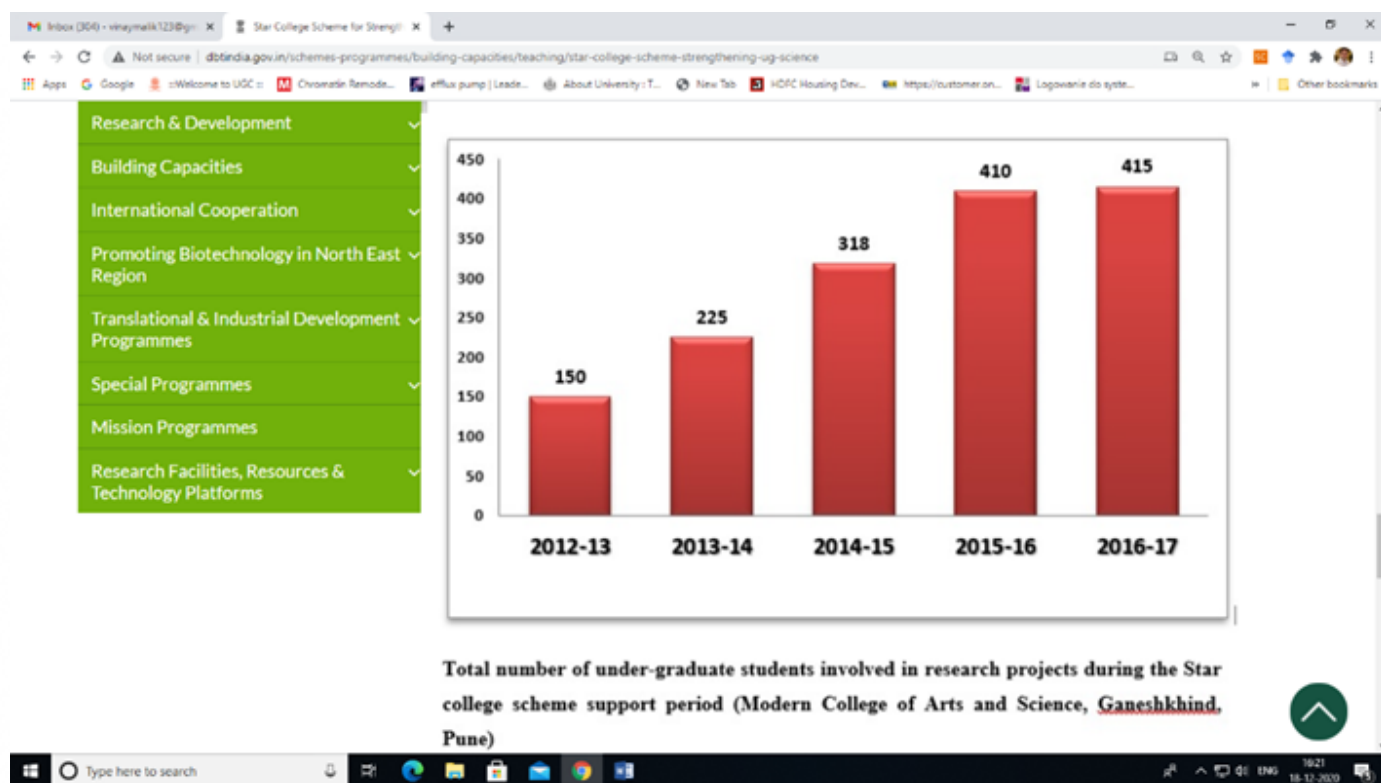


Fig. 1 Snapshot of DBT's web portal

Overall, >1500 UG and 700 PG students undertook research projects in last 5 years. Many of the projects by under-graduate students were continued in their post-graduation in same college (maintaining the pool of advanced-learners). Outcomes of many of these projects are published in peer-reviewed, indexed journals. Consequently, college was sanctioned with 'Star Status' in 2017-18 and Rs. 2.82 Crores. In a further recognition, coordinator of the scheme at Modern College was nominated as Member, DBT's Grant Review Committee for new Star College Proposals. Principal and Coordinator were invited by DBT to give a lead presentation at the annual review-meeting for newly inducted colleges under this scheme, at Pondicherry University. They were also invited by DBT at India International Science Festival, Lucknow (2018-19). College took a lead afterwards and started mentoring other colleges in Maharashtra and outside including Shri Shivaji College, Solapur; C.T. Bora College, Shirur, Pune and Nirmala College for Women, Coimbatore, beside others. Our students are now engaging several school students in and around Pune and mentoring them for inculcating scientific temper amongst them and to explore the science. The research-based learning process got a major boost with two cycles of DST FIST support (1st cycle 2012 and 2nd in 2020).

These small projects conducted by students made foundations for theme-based research aiming on cross-cutting issues under the prestigious DBT-BUILDER program, college got a grant of Rs. 2.5 Crores in 2021. The inter-disciplinary research under this scheme includes antimicrobial resistance in environment and combating it with green nanomaterials, plant adaptive responses to climate change and environmental

challenges and fish disease-diagnostics and conservation in Western-Ghats region.

Commerce students and faculty members are engaged in research activities with relevance and utility for rural sectors, farmers and senior citizens and regularly organises workshops and exhibitions to develop student entrepreneurs. Faculty of Arts students and teachers are engaged in inter-disciplinary research pertaining to cross-cutting and inter-sectional issues including gender-equity, socio-economic issues etc. Activities like Marketing Carnival, Brand rangoli, Cost Fest give practical experience of product development, pricing, marketing, branding of the product. Annual Science Exhibition 'Anubhuti' provides an opportunity to explore new ideas through projects, model building and poster making.

College has established a Central Instrumentation Facility with high-end equipment such as HPLC, AAS, FTIR, qRT-PCR, Nano-Drop Spectrophotometer, Deep-freezers to give hands-on experience and utility for research projects.

File Description	Document
Link for any other relevant information	View Document
Link for appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

Modern College, Ganeshkhind has received almost all awards instituted by S P Pune University viz. Best College, Best Principal, Best College for Student Welfare Board and Program Officer, Best NSS Unit and Program Officer, Best College Magazine and Jagannath Rathi Award for Best College. Our faculty members have received University award for Best Teacher and Best Innovative Teacher award. Best Innovative College Award has been presented by Centre for Education and Development Administration (CEDA) and a Best College Award instituted by Red Cross Society. Maharashtra Energy Development Agency (MEDA) has honoured a state-level award for excellence in Energy Conservation and Management recognizing the college as a Green Educational Institute. *Chatrapati Shivaji Maharaj Vanashri Puraskar* has been awarded by Government of Maharashtra. Kirloskar Vasundhara Foundation has recognized the college with 'Green College Clean College' Award for consecutive three years.

Principal visited Tkniqua(Sansbastian,Spain) on behalf of University for Skill enhancement. Our faculty members are representing the institute at National, Sate, University Level. Librarian of the college is an elected member of the Governing Board of DELNET-developing library network. One faculty member from the Department of Biotechnology has worked as a member of Department of Biotechnology (DBT) Government of India Screening Committee for DBT-STAR College Proposals. Our teachers are on Editorial Boards of SCI-indexed Journals. Some teachers are on Reviewer Boards of esteemed journals.

As an effort towards energy self-sufficiency the institution has installed a solar-wind hybrid power generation plant to produce 28 KW energy. This energy is being utilized for tube lights and fans in classrooms, corridors, audio-visual hall, Principal's cabin and administrative office. The institution shares the unused electrical energy to the MSEDCL grid. Use of LED bulbs and tubes also reduces the usage of conventional energy. Solar street lights are installed in the parking space and walkways. Energy audit is done to keep a track on the consumption and improvise usage. Students and staff members are encouraged to share/ pool motorcycles and cars or use the public transport for saving fuel. College conducts energy and environmental audit every year. All this has led to minimization of the carbon footprint.

Concluding Remarks :

The college has emerged as a reputed educational institute with its strong teaching-learning base, experience of multi-faculty education and for running efficiently diverse programmes. The college addresses cross-cutting issues through its multipronged activities. Internal Quality Assurance Cell of the college ensures that the quality initiatives reflect value framework devised by NAAC.

The college provides a platform for curricular, co-curricular and extra-curricular activities for the overall development of students. Many of our students have received awards for best paper and poster presentations and in esteemed cultural competitions. College is proud of its achievers in sports at national and international level. The college ensures that students avail an opportunity of hands-on training by participating in internship programmes. Innovation, Incubation and Start-up cell and IPR and Entrepreneurship cell create conducive environment for patenting and start-up culture and encourages out-of-the box thinking

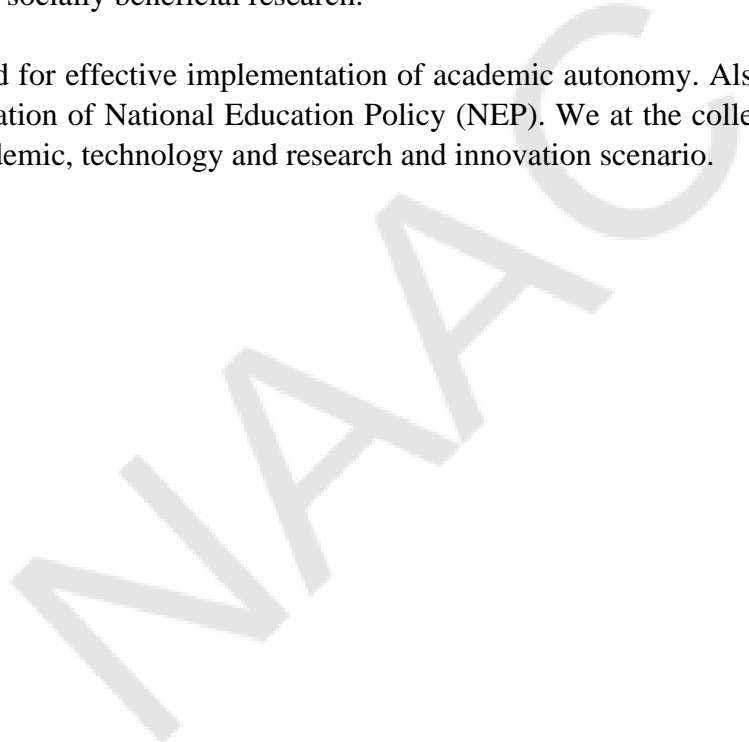
The college is engaged in reviving Indian Traditional Knowledge through its special certificate course on

'Vedic Mathematics' every year. Vedic Mathematics is a powerful technique of fast and accurate calculations based on simple rules and principles. Problems in Algebra, Geometry, Trigonometry, Arithmetic and quantitative aptitude can be solved. Last year the course was conducted online using Microsoft Teams due to Covid-19 pandemic situation. Also a certificate course in *Modi* (medieval) script having relevance in interpreting historical facts, figures and documents.

The college is keen to do even better and in-sync with the national policies providing students with necessary training and skills to convert their project ideas into products to benefit the society and initiate the start-ups. Including for courses like Bachelor of Vocation in Food Processing and different Career Oriented Courses.

The college being a socially responsible educational institute tries to intervene for solving urbanization related challenges and engages into socially beneficial research.

The college is well prepared for effective implementation of academic autonomy. Also it is geared to address issues for better implementation of National Education Policy (NEP). We at the college have resolve to keep the pace with changing academic, technology and research and innovation scenario.



6.ANNEXURE

1.Metrics Level Deviations

Metric ID	Sub Questions and Answers before and after DVV Verification																				
1.1.3	<p>Teachers of the Institution participate in following activities related to curriculum development and assessment of the affiliating University and/are represented on the following academic bodies during the last five years</p> <ol style="list-style-type: none"> 1. Academic council/BoS of Affiliating university 2. Setting of question papers for UG/PG programs 3. Design and Development of Curriculum for Add on/ certificate/ Diploma Courses 4. Assessment /evaluation process of the affiliating University <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>																				
1.2.1	<p>Percentage of Programmes in which Choice Based Credit System (CBCS)/ elective course system has been implemented</p> <p>1.2.1.1. Number of Programmes in which CBCS / Elective course system implemented. Answer before DVV Verification : 21 Answer after DVV Verification: 21</p>																				
1.2.2	<p>Number of Add on /Certificate programs offered during the last five years</p> <p>1.2.2.1. How many Add on /Certificate programs are offered within the last 5 years. Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>14</td> <td>9</td> <td>6</td> <td>8</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>16</td> <td>14</td> <td>9</td> <td>6</td> <td>8</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	16	14	9	6	8	2020-21	2019-20	2018-19	2017-18	2016-17	16	14	9	6	8
2020-21	2019-20	2018-19	2017-18	2016-17																	
16	14	9	6	8																	
2020-21	2019-20	2018-19	2017-18	2016-17																	
16	14	9	6	8																	
1.2.3	<p>Average percentage of students enrolled in Certificate/ Add-on programs as against the total number of students during the last five years</p> <p>1.2.3.1. Number of students enrolled in subject related Certificate or Add-on programs year wise during last five years Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>2326</td> <td>1222</td> <td>562</td> <td>301</td> <td>313</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p>	2020-21	2019-20	2018-19	2017-18	2016-17	2326	1222	562	301	313										
2020-21	2019-20	2018-19	2017-18	2016-17																	
2326	1222	562	301	313																	

2020-21	2019-20	2018-19	2017-18	2016-17
2326	1222	562	301	313

1.3.2 **Average percentage of courses that include experiential learning through project work/field work/internship during last five years**

1.3.2.1. **Number of courses that include experiential learning through project work/field work/internship year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
228	218	199	182	175

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
228	218	199	182	175

1.3.3 **Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)**

1.3.3.1. **Number of students undertaking project work/field work / internships**

Answer before DVV Verification : 5274

Answer after DVV Verification: 5274

1.4.1 ***Institution obtains feedback on the syllabus and its transaction at the institution from the following stakeholders***

1) Students

2) Teachers

3) Employers

4) Alumni

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

1.4.2 **Feedback process of the Institution may be classified as follows:**

Options:

- 1. Feedback collected, analysed and action taken and feedback available on website**
- 2. Feedback collected, analysed and action has been taken**
- 3. Feedback collected and analysed**
- 4. Feedback collected**

5. Feedback not collected

Answer before DVV Verification : A. Feedback collected, analysed and action taken and feedback available on website

Answer After DVV Verification: A. Feedback collected, analysed and action taken and feedback available on website

2.1.1 Average Enrolment percentage (Average of last five years)

2.1.1.1. Number of students admitted year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1961	2214	2347	2328	2203

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1961	2214	2347	2328	2203

2.1.1.2. Number of sanctioned seats year wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2722	2745	2671	2589	2424

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
2722	2745	2671	2589	2424

2.1.2 Average percentage of seats filled against reserved categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy) during the last five years (exclusive of supernumerary seats)

2.1.2.1. Number of actual students admitted from the reserved categories year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2739	2420	2275	2229	2000

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
993	1115	1133	1129	1021

Remark : Number of actual students admitted from reserved category as per supporting

documents.

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

2.3.3.1. Number of mentors

Answer before DVV Verification : 107

Answer after DVV Verification: 107

2.4.2 Average percentage of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

2.4.2.1. Number of full time teachers with Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
55	58	47	46	39

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
55	58	47	46	39

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

2.4.3.1. Total experience of full-time teachers

Answer before DVV Verification : 1242

Answer after DVV Verification: 1227

Remark : Total experience of full time teachers excluding librarian.

2.6.3 Average pass percentage of Students during last five years

2.6.3.1. Number of final year students who passed the university examination year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1824	1384	997	943	761

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1824	1384	997	943	761

2.6.3.2. Number of final year students who appeared for the university examination year-

wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1919	1520	1401	1278	1098

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1919	1520	1401	1278	1098

3.1.1 Grants received from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years (INR in Lakhs)

3.1.1.1. Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
290	77.5	38.2	320.17	24.33

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
290	77.5	38.2	320.17	24.33

3.1.2 Percentage of teachers recognized as research guides (latest completed academic year)

3.1.2.1. Number of teachers recognized as research guides

Answer before DVV Verification : 18

Answer after DVV Verification: 18

3.1.3 Percentage of departments having Research projects funded by government and non government agencies during the last five years

3.1.3.1. Number of departments having Research projects funded by government and non-government agencies during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	11	10	5

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
10	10	11	10	5

10	10	11	10	5
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3.1.3.2. Number of departments offering academic programmes

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
17	17	17	17	17

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
17	17	17	17	17

3.2.2 Number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship during the last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
16	6	9	5	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
16	6	9	5	2

3.3.1 Number of Ph.Ds registered per eligible teacher during the last five years

3.3.1.1. How many Ph.Ds registered per eligible teacher within last five years

Answer before DVV Verification : 40

Answer after DVV Verification: 00

3.3.1.2. Number of teachers recognized as guides during the last five years

Answer before DVV Verification : 18

Answer after DVV Verification: 00

Remark : Opted out metrics.

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years

3.3.2.1. Number of research papers in the Journals notified on UGC website during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
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74	13	61	46	17
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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	04	02	00

Remark : Number of research papers and publications which are in UGC CARE list.

3.3.3 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

3.3.3.1. Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
64	48	19	30	7

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
46	44	16	27	7

Remark : Total number of books and chapters published having ISBN/ISSN numbers.

3.4.2 Number of awards and recognitions received for extension activities from government/ government recognised bodies during the last five years

3.4.2.1. Total number of awards and recognition received for extension activities from Government/ Government recognised bodies year-wise during the last five years.

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	4	2	4	2

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
01	04	02	04	01

Remark : Total number of awards as per supporting documents.

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC,

Government and Government recognised bodies during the last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21	16	20	11	5

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
06	07	04	04	01

Remark : Number of extension and outreach activities conducted through NSS/NCC excluding celebrations and commemorations.

3.4.4 Average percentage of students participating in extension activities at 3.4.3. above during last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1618	1537	2191	1065	199

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1618	1537	2191	1065	199

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship per year

3.5.1.1. Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
6	20	24	58	22

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17

06	10	11	22	07
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Remark : Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship from supporting documents.

3.5.2 Number of functional MoUs with institutions, other universities, industries, corporate houses etc. during the last five years

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3	3	2	2	8

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
03	02	02	02	08

Remark : Number of functional MoUs with Institutions from supporting documents.

4.1.3 Percentage of classrooms and seminar halls with ICT- enabled facilities such as smart class, LMS, etc. (Data for the latest completed academic year)

4.1.3.1. Number of classrooms and seminar halls with ICT facilities

Answer before DVV Verification : 38

Answer after DVV Verification: 38

4.1.4 Average percentage of expenditure, excluding salary for infrastructure augmentation during last five years(INR in Lakhs)

4.1.4.1. Expenditure for infrastructure augmentation, excluding salary year-wise during last five years (INR in lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
78.69	71.39	179	13.17	28.78

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
78.69	71.39	179	13.17	28.78

4.2.2 The institution has subscription for the following e-resources

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases
6. Remote access to e-resources

Answer before DVV Verification : A. Any 4 or more of the above

Answer After DVV Verification: A. Any 4 or more of the above

4.2.3 **Average annual expenditure for purchase of books/e-books and subscription to journals/e-journals during the last five years (INR in Lakhs)**

4.2.3.1. **Annual expenditure of purchase of books/e-books and subscription to journals/e-journals year wise during last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
2.57	13.85	9.12	10.52	7.19

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
00	00	4.58	2.68	2.96

Remark : Annual expenditure of purchase of books/ e-books excluding purchase of magazines, news paper and periodicals.

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

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

Answer before DVV Verification : 42

Answer after DVV Verification: 42

4.3.3 **Bandwidth of internet connection in the Institution**

Answer before DVV Verification : A. ?50 MBPS

Answer After DVV Verification: A. ?50 MBPS

4.4.1 **Average percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years(INR in Lakhs)**

4.4.1.1. **Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year-wise during the last five years (INR in lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

57.66	52.13	92.1	85.5	54.50
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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
27.87	16.97	48.59	75.73	17.56

Remark : Expenditure incurred on maintenance of infrastructure as per supporting documents.

5.1.1 Average percentage of students benefitted by scholarships and freeships provided by the Government during last five years

5.1.1.1. Number of students benefitted by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1103	1038	1320	720	547

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1103	1038	1320	720	547

5.1.2 Average percentage of students benefitted by scholarships, freeships etc. provided by the institution / non- government agencies during the last five years

5.1.2.1. Number of students benefitted by scholarships and free ships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years (other than students receiving scholarships under the government schemes for reserved categories)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1103	1038	1320	720	547

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
1103	1038	1320	720	547

5.1.3 Capacity building and skills enhancement initiatives taken by the institution include the following

1. **Soft skills**
2. **Language and communication skills**
3. **Life skills (Yoga, physical fitness, health and hygiene)**
4. **ICT/computing skills**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

5.1.4 **Average percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years**

5.1.4.1. **Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
24	540	924	831	10

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
24	540	924	831	10

5.1.5 **The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**

1. **Implementation of guidelines of statutory/regulatory bodies**
2. **Organisation wide awareness and undertakings on policies with zero tolerance**
3. **Mechanisms for submission of online/offline students' grievances**
4. **Timely redressal of the grievances through appropriate committees**

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

5.2.1 **Average percentage of placement of outgoing students during the last five years**

5.2.1.1. **Number of outgoing students placed year - wise during the last five years.**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
171	160	132	92	36

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
171	160	132	92	36

5.2.2	<p>Average percentage of students progressing to higher education during the last five years</p> <p>5.2.2.1. Number of outgoing student progression to higher education during last five years Answer before DVV Verification : 974 Answer after DVV Verification: 974</p>																																								
5.2.3	<p>Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: IIT-JAM/CLAT/ NET/SLET/GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/State government examinations, etc.)</p> <p>5.2.3.1. Number of students qualifying in state/ national/ international level examinations (eg: IIT/JAM/ NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ State government examinations, etc.)) year-wise during last five years Answer before DVV Verification:</p> <table border="1" data-bbox="306 712 1046 844"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>15</td> <td>13</td> <td>4</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 922 1046 1055"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>15</td> <td>13</td> <td>4</td> <td>2</td> </tr> </tbody> </table> <p>5.2.3.2. Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year-wise during last five years Answer before DVV Verification:</p> <table border="1" data-bbox="306 1218 1046 1350"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>15</td> <td>13</td> <td>4</td> <td>2</td> </tr> </tbody> </table> <p>Answer After DVV Verification :</p> <table border="1" data-bbox="306 1429 1046 1561"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>15</td> <td>13</td> <td>4</td> <td>2</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	1	15	13	4	2	2020-21	2019-20	2018-19	2017-18	2016-17	1	15	13	4	2	2020-21	2019-20	2018-19	2017-18	2016-17	1	15	13	4	2	2020-21	2019-20	2018-19	2017-18	2016-17	1	15	13	4	2
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5.3.1	<p>Number of awards/medals won by students for outstanding performance in sports/cultural activities at inter-university/state/national / international level (award for a team event should be counted as one) during the last five years.</p> <p>5.3.1.1. Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) year-wise during the last five years. Answer before DVV Verification:</p> <table border="1" data-bbox="306 1921 1046 2054"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>7</td> <td>4</td> <td>18</td> <td>12</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	10	7	4	18	12																														
2020-21	2019-20	2018-19	2017-18	2016-17																																					
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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
10	7	4	18	12

5.3.3 **Average number of sports and cultural events/competitions in which students of the Institution participated during last five years (organised by the institution/other institutions)**

5.3.3.1. **Number of sports and cultural events/competitions in which students of the Institution participated year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
22	31	31	24	12

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
07	14	12	12	08

Remark : Number of sports and cultural events/competitions as per supporting documents.

5.4.2 **Alumni contribution during the last five years (INR in lakhs)**

Answer before DVV Verification : B. 4 Lakhs - 5 Lakhs

Answer After DVV Verification: C. 3 Lakhs - 4 Lakhs

6.2.3 **Implementation of e-governance in areas of operation**

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Answer before DVV Verification : A. All of the above

Answer After DVV Verification: A. All of the above

6.3.2 **Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

6.3.2.1. **Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
8	117	0	0	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
8	117	0	0	0

6.3.3 **Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
14	2	3	2	0

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
14	2	3	2	0

6.3.4 **Average percentage of teachers undergoing online/ face-to-face Faculty Development Programmes (FDP)during the last five years (Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course).**

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

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
92	54	20	43	1

Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
92	54	20	43	1

6.4.2 **Funds / Grants received from non-government bodies, individuals, philanthropers during the last five years (not covered in Criterion III)**

6.4.2.1. **Total Grants received from non-government bodies, individuals, Philanthropers year wise during the last five years (INR in Lakhs)**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17

0	21.93	12.48	13.22	9.53
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Answer After DVV Verification :

2020-21	2019-20	2018-19	2017-18	2016-17
0	0	0	0	0

Remark : Affiliating university contribution comes under Govt. organization.

6.5.3	<p>Quality assurance initiatives of the institution include:</p> <ol style="list-style-type: none"> 1. Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements 2. Collaborative quality initiatives with other institution(s) 3. Participation in NIRF 4. any other quality audit recognized by state, national or international agencies (ISO Certification, NBA) <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>
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7.1.2	<p>The Institution has facilities for alternate sources of energy and energy conservation measures</p> <ol style="list-style-type: none"> 1. Solar energy 2. Biogas plant 3. Wheeling to the Grid 4. Sensor-based energy conservation 5. Use of LED bulbs/ power efficient equipment <p>Answer before DVV Verification : A. 4 or All of the above Answer After DVV Verification: A. 4 or All of the above</p>
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7.1.4	<p>Water conservation facilities available in the Institution:</p> <ol style="list-style-type: none"> 1. Rain water harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Waste water recycling 5. Maintenance of water bodies and distribution system in the campus <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
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7.1.5	<p>Green campus initiatives include:</p> <ol style="list-style-type: none"> 1. Restricted entry of automobiles 2. Use of Bicycles/ Battery powered vehicles 3. Pedestrian Friendly pathways 4. Ban on use of Plastic
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	<p>5. landscaping with trees and plants</p> <p>Answer before DVV Verification : A. Any 4 or All of the above Answer After DVV Verification: A. Any 4 or All of the above</p>
7.1.6	<p>Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:</p> <ol style="list-style-type: none"> 1. Green audit 2. Energy audit 3. Environment audit 4. Clean and green campus recognitions / awards 5. Beyond the campus environmental promotion activities <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.7	<p>The Institution has disabled-friendly, barrier free environment</p> <ol style="list-style-type: none"> 1. Built environment with ramps/lifts for easy access to classrooms. 2. Divyangjan friendly washrooms 3. Signage including tactile path, lights, display boards and signposts 4. Assistive technology and facilities for Divyangjan accessible website, screen-reading software, mechanized equipment 5. Provision for enquiry and information : Human assistance, reader, scribe, soft copies of reading material, screen reading <p>Answer before DVV Verification : A. Any 4 or all of the above Answer After DVV Verification: A. Any 4 or all of the above</p>
7.1.10	<p>The Institution has a prescribed code of conduct for students, teachers, administrators and other staff and conducts periodic programmes in this regard.</p> <ol style="list-style-type: none"> 1. The Code of Conduct is displayed on the website 2. There is a committee to monitor adherence to the Code of Conduct 3. Institution organizes professional ethics programmes for students, teachers, administrators and other staff 4. Annual awareness programmes on Code of Conduct are organized <p>Answer before DVV Verification : A. All of the above Answer After DVV Verification: A. All of the above</p>

2.Extended Profile Deviations

ID	Extended Questions										
1.1	<p>Number of courses offered by the Institution across all programs during the last five years</p> <p>Answer before DVV Verification:</p> <table border="1"> <thead> <tr> <th>2020-21</th> <th>2019-20</th> <th>2018-19</th> <th>2017-18</th> <th>2016-17</th> </tr> </thead> <tbody> <tr> <td>852</td> <td>763</td> <td>638</td> <td>628</td> <td>615</td> </tr> </tbody> </table>	2020-21	2019-20	2018-19	2017-18	2016-17	852	763	638	628	615
2020-21	2019-20	2018-19	2017-18	2016-17							
852	763	638	628	615							

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
852	763	638	628	615

1.2 **Number of programs offered year-wise for last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21	20	17	17	17

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
21	21	17	17	17

2.1 **Number of students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
5764	5243	5022	4922	4615

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
5764	5243	5022	4922	4615

2.2 **Number of seats earmarked for reserved category as per GOI/State Govt rule year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
3763	3522	3402	3378	3190

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1361	1372	1335	1294	1062

2.3 **Number of outgoing / final year students year-wise during last five years**

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1962	1537	1407	1337	1250

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
1919	1520	1401	1278	1098

3.1 Number of full time teachers year-wise during the last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
139	159	150	140	136

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
139	159	150	140	136

3.2 Number of sanctioned posts year-wise during last five years

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
165	167	150	169	142

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
165	167	150	169	142

4.1 Total number of classrooms and seminar halls

Answer before DVV Verification : 38

Answer after DVV Verification : 38

4.2 Total Expenditure excluding salary year-wise during last five years (INR in Lakhs)

Answer before DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
352.55	463.7	515.41	508.5	400.05

Answer After DVV Verification:

2020-21	2019-20	2018-19	2017-18	2016-17
352.55	383.6	432.32	440.51	400.06

4.3 Number of Computers

Answer before DVV Verification : 497

Answer after DVV Verification : 497