



SELF STUDY REPORT

FOR

4th CYCLE OF ACCREDITATION

**SHRI MARUTRAO GHULE PATIL SHIKSHAN
SANSTHA'S JIJAMATA COLLEGE OF SCIENCE AND
ARTS**

**AT/ POST - BHENDE BK, TALUKA - NEWASA, DISTRICT - AHMEDNAGAR
414605**

jijamatacollege.ac.in

Submitted To

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

BANGALORE

(Draft)

1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Jijamata College of Science and Arts, located in Dnyaneshwarnagar, Bhende, was established by the Shri Marutrao Ghule Patil Shikshan Sanstha in July 1992. Situated in the rural village of Bhende within the Newasa taluka of the Ahmednagar district in Maharashtra state, the HEI serves as a beacon of education within its community. Offering co-education across Arts, Science, and Commerce faculties, this HEI is a grant-in-aid institution. It runs 11 UG programs, 4 PG programs, 21 self-financed add-on Career Oriented certificate courses out of which 5 courses are approved by SPPU, Pune. During the last five years, 1894 students have completed their higher education in various streams. Spread over 31.65 acres, the HEI campus has a three-store main building, surrounded by picturesque greenery.

Today, Shri Marutrao Ghule Patil Shikshan Sanstha, continues to thrive under the visionary guidance of Hon'ble Shri Narendra Ghule Patil (Ex. MLA), and Hon'ble Shri. Chandrashekhar Ghule Patil (Ex. MLA).

The HEI holds permanent affiliation with Savitribai Phule Pune University (SPPU), Pune, Maharashtra, and is duly approved under Sections 2(F) and 12 (b) of the University Grants Commission (UGC) act. Recognized for its academic excellence, the HEI was honored with 'The Best Rural College Award' and 'Best Principal Award' by Savitribai Phule Pune University in 2011. Notably, the HEI has received funding from the Department of Science and Technology (DST) under the FIST (Fund for Infrastructure Development in Science and Technology) assistance program in 2014-15. Presently, the institution is gearing up for the 4th cycle of NAAC re-accreditation. Recently the HEI has received ISO certification.

Bhende lies at the heart of 40 surrounding villages and is renowned as part of the Jayakwadi Project (a dam on Godavari River) affected region. This place is important as the center of divine inspiration of Saint Dnyaneshwar, which gives a spiritual dimension to the educational environment. Notable pilgrimage sites such as Shirdi (100 km), Shani Shinganapur (34 Km), Newasa (18Km) and world heritages sites like Ellora (90 km), and Ajanta (150 km), are in close proximity to Bhende.

Vision

Our **vision** is to empower rural communities through socio-economic and educational upliftment through education of marginalized sections of the society.

- Motivate and bring out change in the economic status of helpless and socially deprived people as well as to inspire them to uplift their intellectual, moral, and educational level.
- Lay down the foundation of higher education among the students to enable them to make use of their knowledge to achieve higher education.
- Develop scientific attitude among the rural and project affected students.
- Avail the facility of higher education to rural and remote placed students especially for the girls who are otherwise deprived of higher education after 12th standard.
- Provide the right kind of leadership in all walks of life;
- Provide education, which will help in employability and make students self-reliant.
- Create awareness on human rights and inculcate social, moral and spiritual values in the people.

Motto

ॐ नमो भगवते वासुदेवाय ।

(na hi jñanena sadrisham pavitramiha vidyate)

This motto is taken from *Shrimad Bhagvat Gita* (Chapter 4 -38). It means, “In this world, there is nothing so sublime and pure as knowledge”

Inspired by this verse, Shri Marutrao Ghule Patil Education Society has adopted it as a slogan to spread knowledge among the masses.

Mission

The mission of HEI is to **impart knowledge to students and contribute to transforming lives and rural communities through higher education.** The institution sees education as a powerful tool for fostering social change, community development, and modernizing society through the application of knowledge.

The institution strives to translate its vision into reality by carrying out the following activities.

- Providing admission to all rural students on first come first basis.
- Giving priority to women and socially backward and project affected students in admissions.
- Providing remedial and special coaching classes to SC, ST, DT-NT, OBC and minority students.
- Providing add-on courses like certificate courses in Computer Awareness, Spoken English, Competitive Examination Training, Soft Skill Development, etc.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. **Good Reputation:** The HEI enjoys a strong reputation in the area, attracting faculty with doctorates and involved in research. It provides an ideal for academic and holistic development of students.
2. **Infrastructure:** Equipped with state-of-the-art facilities like LAN network, internet facility, computer labs, digital classrooms, well-equipped laboratories and Multipurpose Hall for various functions, reference library, spacious playgrounds with a 400 meters running track, courts and pitches, indoor sports facilities, and a well-equipped gymnasium, rooftop Solar Power (80 kVA) for environmental protection, boys and girls hostels, etc
3. **Student support services:** Canteen, girls’ common rooms, hostel for girls and boys. Self-Financing Skill Oriented Certificate Courses, Earn and Learn Scheme for needy students, Interactive Programms like Mentor-mentee Scheme, Police /Army Pre-recruitment Training camps by the Physical Education
4. **Financial Aid and Scholarships:** The HEI provides financial support to the students who excel in

sports and all types of scholarships to eligible students from government, university and other agencies.

5. **Grants and Support:** The HEI receives grants and strong support from the mother institution.

Institutional Weakness

1. **Location-related Issues:** Many students, who are from farming backgrounds, also have farming responsibilities, economic issues and limited transportation options.
2. **Financial Support:** No funds were provided by UGC and University for the infrastructures and other support services.
3. **Placement Facilities:** Due to non-professional courses facing the problem of unwillingness of employers to reach rural areas for providing placement facilities.
4. **Academic Facilities:** No recognized research center, limited support for research funding and limited support for publication assistance.

Institutional Opportunity

1. **Increasing Student Enrollment:** The growing number of students indicates potential for financial improvement and expansion of infrastructure and courses.
2. **Faculty Development:** With more teachers acquiring Ph.D.s, the institution can enhance its research capabilities and introduce new courses.
3. **Research Opportunities:** There's scope for undertaking new research activities and publishing quality research papers. To establish a recognized research center. Collaborative research initiatives with industries , other institutions and organizations to undertake research projects and address real-world challenges,
4. **Student Support Services:** To start NCC unit, Self-financing Skill oriented courses. Enhancing student support services, counseling career guidance and mentorship programs to ensure student success and holistic development.

Institutional Challenge

1. **Funding constraints** - Limited financial resources hinder investments in infrastructure, faculty development, research initiatives and student support services.
2. **Adapting to Changing Needs:** Rapidly adapting to the changing needs of rural students, changes in educational trends, student expectations, equipping them for competitive examinations.
3. **Growing number of HEIs** -Increase in number of HEIs in the region presents a challenge.
4. To improve the **transportation** facility and look in student attendance.
5. Involvement of students in **research activities**.
6. To strengthen the **Alumni Association**.
7. To **implement the National Education Policy** and fulfill the objectives of NEP 2020.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

The institution prepares its academic calendar and a separate examination calendar in alignment with the university's academic schedule prior to the start of each academic year. Currently, the HEI offers 15 academic programs, comprising 11 undergraduate programs (Physics, Chemistry, Botany, Zoology, Computer Science, Marathi, Hindi, English, History, Economics, and Commerce) and 4 postgraduate programs (Marathi, Economics, Chemistry, and Botany).

Additionally, the institution provides 21 self-financed add-on Career Oriented certificate courses out of which 5 courses are approved by SPPU, Pune. The courses approved by SPPU, Pune are Computerized Financial Accounting with Tally, Computer Hardware Maintenance & Networking Technologies, Desktop Publishing, Digital Marketing, and Programming through C language. The other courses include vermicomposting, spoken English, nursery development, beauty parlor management MS-CIT, etc.

Ensuring effective curriculum delivery is a priority for the institution, which is achieved through a meticulously planned and documented process. Supporting services such as well-furnished classrooms, fully equipped laboratories, audio-visual and ICT facilities, digital classrooms, LAN network, internet with free Wi-Fi facility, as well as a comprehensive library and e-learning resources having access to national and international journals, are provided for the optimal delivery of the curriculum to students.

The institution demonstrates academic flexibility by introducing new certificates and add-on courses over the past five years. The implementation of a choice-based credit system (CBCS) across all programs is notable. Furthermore, some faculty members actively participate in various academic bodies such as the Board of Studies (BOS) and the Academic Council. The institution effectively integrates cross-cutting issues pertinent to gender sensitization, environment awareness, human values and professional ethics into its curriculum. Additionally, the HEI has entered into Memoranda of Understanding (MoUs) with several academic and industrial partners.

Structured feedback on the curriculum is gathered from various stakeholders such as students, teachers, employers and alumni, which is then communicated to the university for the purpose of designing and reviewing syllabi.

Teaching-learning and Evaluation

The HEI operates with a profound focus on catering to the educational needs of rural communities, drawing students primarily from surrounding villages. This commitment to inclusivity and accessibility is reflected in the transparent and systematic admission processes meticulously outlined in the prospectus, which is readily accessible online and via the institute's website.

A welcome ceremony marks the induction of first-year students into the HEI community, setting the tone for their academic journey. Following this, a Bridge Course is designed to facilitate students' transition into higher education. This tailored program serves to ease their path, ensuring they are well-prepared for the challenges ahead.

Upon completion of the Bridge Course, students are assessed and categorized into two groups: Advanced learners and slow learners, based on their academic performance from the previous year. This division enables educators to customize teaching methods according to each student's abilities.

For slow learners, the focus is on empowering them through targeted support, addressing any remaining

obstacles hindering their learning process and simplifying complex subject matter. Conversely, advanced learners benefit from an enriched curriculum, delving into more advanced topics to further cultivate their academic prowess.

Faculty recruitment adheres strictly to the eligibility criteria and norms set by the UGC and Government of Maharashtra, ensuring a competent and qualified teaching cadre. With a commendable student-teacher ratio of 21:1, the institution ensures learning environments conducive to interactive and participative experiences. Leveraging modern ICT tools, teaching methodologies are designed to be student-centric, prioritizing engagement and experiential learning.

The HEI has an Examination Committee and a College Examination Officer. It helps to facilitate the seamless conduct of continuous assessment, internal and external examinations. Diverse assessment methods, including seminars, projects, field visits, tutorials, assignments and group discussions, form the backbone of internal evaluations. To safeguard the integrity of assessment processes, the implementation of a barcode system by the University ensures anonymity and prevents malpractices during evaluations.

In addressing examination-related grievances, the institution has a transparent, time-bound and efficient mechanism. Moreover, there exists a structured framework for measuring the attainment of COs and POs, employing indirect methods to gauge academic achievements comprehensively.

Research, Innovations and Extension

The HEI places a strong emphasis on fostering research, innovation, and extension activities. Currently, 12 faculty members are research guides across various subjects recognized by the university, 37 students are registered for Ph.D. under them, 10 researchers have completed Ph.D. and 09 researchers have completed M.Phil. The HEI has successfully executed 02 research projects, 07 faculty members have attained their Ph.D. degrees and 15 faculties pursuing for the Ph.D.

Over the past five years, the HEI has received grants approximately Rs. 11.91 Lakhs from both governmental and non-governmental agencies for research projects. Additionally, it has received Rs. 30 Lakhs from corporate environmental responsibility (CER) funds for the procurement of a Solar Rooftop system as an endowment.

A notable achievement is the publication of 227 research papers in reputed journals and 92 books, chapters, and conference proceedings by our faculty. Three faculty members generated 04 patents. The HEI has received substantial grants from DST-FIST (Rs. 70 Lakhs) to enhance laboratory facilities with sophisticated instrumentation, ensuring the advancement of research endeavors.

Moreover, the well-established National Service Scheme unit is dedicated to nurturing students into socially responsible citizens through 115 extension and outreach programs conducted in collaboration with local communities. The NSS has actively contributed to the holistic development of nearby villages. Students engage in various social initiatives, including Swachh Bharat Abhiyan, AIDS awareness, and gender equality programs, demonstrating their commitment to societal well-being.

Furthermore, the HEI has established 37 functional Memorandums of Understanding (MoUs). Out of which two are with international institutions such as The Art of Living Foundation and Korea National University of Transportation, South Korea. These collaborations facilitate student and faculty with life-skills and career Guidance, skilled programmes, faculty and students exchange programmes, research collaborations, field trips,

on-the-job training, and access to extensive library resources, enriching the academic experience and fostering interdisciplinary learning opportunities.

Infrastructure and Learning Resources

The HEI boasts ample infrastructure to support effective teaching and learning processes. It comprises 18 spacious classrooms out of which 08 are digital smart classrooms, 17 well-equipped Science and Computer laboratories, and has one versatile multipurpose hall with HEI main building built-up area 5278.47 Sq. Mts. which is situated in a green, scenic and sprawling 31.65-acre campus,. Additionally, the institution provides various support amenities such as boys' and girls' and working women's hostels, staff quarters, and spacious botanical garden. A rooftop solar power system (80 kVA) was installed on campus.

Essential teaching aids including 08 LCD projectors, and 161 computers, Local Area Networking (LAN), server room, internet connectivity with lease line, wi-fi enabled campus, models and charts are readily available. Moreover, comprehensive sports and recreational facilities, both indoor and outdoor, including a gymnasium, cater to the personality and holistic development of students. The HEI features an extensively equipped gymkhana and an eight-acre playground hosting a 400-meter track along with courts for Basketball, Handball, Kabaddi, Volleyball, and Ball-Badminton. Adequate budget provisions ensure continuous augmentation of infrastructure.

The HEI library operates efficiently with an Integrated Library Management System (ILMS) and offers a collection of 27019 books alongside access to e-books and e-journals. Efforts are made to acquire rare books, manuscripts, encyclopedias, and other valuable resources, with dedicated budget allocations for enhancing the library's offerings.

Furthermore, the HEI provides essential computing facilities including computers, laser monochrome printers, color printers, photocopier machines, and scanners. Systems and protocols are in place to maintain and utilize physical, academic, and support facilities such as laboratories, the library, sports complexes, computers, and classrooms effectively, with sufficient budget allocations to support these endeavors.

Student Support and Progression

The HEI prioritizes student welfare through robust support mechanisms. Faculty and student-involvement in various committees ensure comprehensive support across academic, physical, economic, and social well-being, fostering inclusivity, especially for marginalized groups. A comprehensive approach to scholarships and free-ships has led to 88% of students benefiting from various sources, showing a consistent annual increase. The HEI has organized more than 90 programs for enhancing skills, including ICT, life skills, personality development, etc. More than 35% of students benefited from career counseling and guidance for competitive examinations.

The Grievance Redressal Mechanism ensures swift resolution of grievances, including those concerning sexual harassment and ragging. Examination-related 23 grievances were resolved following statutory guidelines, with no reported instances of ragging or sexual harassment. The Placement Cell conducts campus placement drives and workshops. About 246 students had placements and 909 students went for higher education. About 14 programs were organized to guide and prepare students for competitive examinations, resulting in 25 students achieving success in prestigious examinations such as NET /SET /GATE /Civil services /State government

examinations.

Students have excelled in extracurricular activities like sports, earning 11 medals and awards at National level, Khelo India and Inter-University tournaments. Our three students have been selected for Pro-Kabaddi League Tournaments and played for the renowned teams at national level. About 192 sports and cultural events were organized by college involving more than 2000 students. Meritorious students were felicitated at the Annual Function for their outstanding achievements in academics, sports, and cultural activities.

The Registered Alumni Association has made significant contributions through various initiatives, including donations, guidance talks, health camps, research projects of teachers and mentoring sessions, with a commendable contribution.

Governance, Leadership and Management

The governing body of the institution includes College Development Committee (CDC), Internal Quality Assurance Cell (IQAC), various committees, teaching staff, non-teaching staff, and the student union. It operates with a decentralized and participative control approach to realize the institution's vision, mission, and goals. The institution has embraced e-governance across major areas such as Planning and Development, Administration, Finance and Accounts, Student Admission and Support, and Examination processes. Efforts are made towards faculty development through various welfare measures and financial assistance for presenting research findings at national and international seminars and conferences. Study leaves are granted for pursuing doctoral studies and attending orientation, refresher courses, and Faculty Development Programs. The Academic Performance Indicator (API) system is employed to enhance the professional skills of the teaching staff, while for administrative staff the annual confidential report (C.R.) was taken. Similarly, computer skills training and administrative leadership, workshops on Vriddhi Software and Talley are conducted for the administrative staff. Both teaching and administrative staff have access to facilities like staff quarters and canteens.

Financial support is garnered from diverse sources including the Soil and Water Testing Laboratory, Boys and Girls Hostels, vermicompost sales, the Earn and Learn Scheme, Nirbhay Kanya Abhiyan, Alumni Association, grants from the State Marathi Language Development Organization, and the Government of Maharashtra for Marathi Language promotion. Revenue is also generated through career-oriented courses affiliated with MKCL. The institution undergoes regular internal and external financial audits, conducted by the Education society and Chartered Accountants of the Joint Director of Higher Education office, respectively.

Furthermore, the institution has an Internal Quality Assurance system and has undertaken various quality improvement initiatives in the past five years. These include successful applications for additional academic divisions, submission of proposals for financial support, procurement of equipment, construction projects, infrastructure developments, security enhancements, technological upgrades, provision of e-content, modern admission policies, library expansions, Spoken English language course, extracurricular activities, competitive exam Guidance center (Career Katta), research programs, faculty development, and environmental and safety audits. These initiatives have contributed to the overall academic growth and advancement of the institution.

Institutional Values and Best Practices

Jijamata College of Science and Arts has formulated various policies with the primary objective of

implementing various services for excellence, efficiency, transparency and accountability. These policies are intended to be applicable to various departmental activities. These include, E-Governance, Scholarships and Free ships, Disabled Friendly & Barrier Free Environment, Grievance Redressal, Environment Policy Research Promotion, Code of Conduct Resource Mobilization and Maintaining Physical, Academic and Infrastructure Facilities etc.

HEI, with a legacy of more than 30 years in co-education, follows gender equality as a core value. Each year the HEI hosts programs promoting gender equity, focusing on women's empowerment and self-protection.

Furthermore, the institution emphasizes the adoption of alternative energy sources, installation of solar water plants in Women's Hostels, and the use of LED bulbs across the campus. The institution has installed an 80kVA on grid solar power unit to increase use of renewable energy with the help of CER fund. A commitment to environmental sustainability is a key aspect of HEI's. Initiatives to maintain a clean and green campus include encouraging the use of bicycles and limiting public transport access within the campus.

Rigorous waste management procedures ensure proper handling of hazardous wastes from chemistry labs, as well as paper, plastic, e-waste, and bio-waste. Annual Green, Energy and Environmental Audit are conducted and a comprehensive report of plants in the campus is prepared. Vermicomposting unit diverts organic waste, such as food scraps, paper, leaf fallings and yard trimmings, from landfills. By diverting organic waste to vermicomposting systems, methane emissions are reduced, thus mitigating climate change. It is taking efforts in water-saving measures such as use of a drip -irrigation system plants and lawn.

The HEI is taking a proactive approach to promote sports and physical fitness among students. By integrating sports education alongside academics, students are encouraged to develop an interest in sports. Regular guidance and awareness sessions highlight the importance of sports, emphasizing both the physical and career benefits. This resulted in selection of three students to the Pro-Kabaddi League Tournaments and they played for the renowned teams at national level.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	SHRI MARUTRAO GHULE PATIL SHIKSHAN SANSTHA'S JIJAMATA COLLEGE OF SCIENCE AND ARTS
Address	At/ Post - Bhende Bk, Taluka - Newasa, District - Ahmednagar
City	Dnyaneshwarnagar Bhende Bk Taluka Newasa
State	Maharashtra
Pin	414605
Website	jijamatacollege.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal(in-charge)	Shirish Rajaram Landage Patil	02427-255304	9404980324	-	landageshirish@gmail.com
IQAC / CIQA coordinator	Madhukar Eknath Navgire	2427-255304	9960914495	-	navgireme@gmail.com

Status of the Institution	
Institution Status	Private and Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details				
State	University name	Document		
Maharashtra	Savitribai Phule Pune University	View Document		
Details of UGC recognition				
Under Section	Date	View Document		
2f of UGC	19-05-2005	View Document		
12B of UGC	19-05-2005	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				

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	At/ Post - Bhende Bk, Taluka - Newasa, District - Ahmednagar	Rural	31.65	5278.47

2.2 ACADEMIC INFORMATION

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	BSc,Chemistry,	36	HSC Science or Equivalent	English	75	73
UG	BSc,Botany,	36	HSC Science or Equivalent	English	25	21
UG	BSc,Physics,	36	HSC Science or Equivalent	English	10	9
UG	BA,Marathi,	36	HSC Science or Equivalent	Marathi	24	13
UG	BA,Hindi,	36	HSC or Equivalent	Hindi	24	12
UG	BA,History,	36	HSC or Equivalent	Marathi	24	15
UG	BA,English,	36	HSC or Equivalent	English	24	6
UG	BA,Economics,	36	HSC or Equivalent	Marathi	24	11
UG	BSc,Computer Science,	36	HSC Science or Equivalent	English	80	69
UG	BCom,Commerce,	36	HSC or Equivalent	Marathi	120	65
UG	BSc,Zoology ,	36	HSC Science or Equivalent	English	10	7
PG	MSc,Chemistry,Analytical Chemistry	24	BSc Chemistry or Equivalent	English	52	52
PG	MSc,Botany,	24	BSc Botany or Equivalent	English	24	24
PG	MA,Marathi,	24	BA or Equivalent	Marathi	60	17
PG	MA,Economics,	24	BA or Equivalent	Marathi	60	22

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	4				7				19			
Recruited	4	0	0	4	7	0	0	7	18	1	0	19
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				34			
Recruited	0	0	0	0	0	0	0	0	25	9	0	34
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				9
Recruited	9	0	0	9
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				11
Recruited	10	1	0	11
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

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.	4	0	0	6	0	0	10	1	0	21
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	0	0	8	0	0	9
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	2	2	0	4
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	23	7	0	30
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	Others	Total
		15	1	0	

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

**Self Study Report of SHRI MARUTRAO GHULE PATIL SHIKSHAN SANSTHA'S JIJAMATA COLLEGE OF
SCIENCE AND ARTS**

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	589	0	0	0	589
	Female	516	0	0	0	516
	Others	0	0	0	0	0
PG	Male	117	0	0	0	117
	Female	109	0	0	0	109
	Others	0	0	0	0	0
Certificate / Awareness	Male	697	0	0	0	697
	Female	601	0	0	0	601
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	81	107	98	94
	Female	46	41	41	36
	Others	0	0	0	0
ST	Male	7	3	4	6
	Female	6	5	5	3
	Others	0	0	0	0
OBC	Male	416	444	496	470
	Female	349	341	374	312
	Others	0	0	0	0
General	Male	217	285	237	234
	Female	281	286	229	221
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		1403	1512	1484	1376

Institutional preparedness for NEP

<p>1. Multidisciplinary/interdisciplinary:</p>	<p>The institute itself is inherently multidisciplinary. Its establishment aimed to foster prosperity by offering quality education in emerging fields, producing knowledgeable and cultured human resources to contribute to the rural masses' progress in national development. The institution is affiliated with Savitribai Phule Pune University, Pune. The university has adopted the Choice Based Credit System (CBCS) in 2018-19. Under this system, the university offers various self-learning and value-based non-CGPA courses with an interdisciplinary approach. For instance, 'Democracy, Elections and Governance' is a non-credit course for first-year students across all disciplines, 'Environmental</p>
--	---

Science/Awareness' for second-year students, and 'Generic Elective' for final-year students in all disciplines. The institute follows a choice-based credit system as per the university's guidelines, providing multiple optional courses. It offers undergraduate degrees in Arts, Commerce, and Science, along with 21 certificate courses focusing on skill-based education. As an affiliated institute, it adheres to the curriculum of Savitribai Phule Pune University. Presently, there are interdisciplinary courses available, such as science students opting for languages as optional subjects and arts students selecting programs in various subjects like English, Marathi, Hindi, Economics, History, etc. The institute also introduced a Generic Elective Course for final-year graduate students, focusing on community/social surveys to address local social issues sustainably. The science Faculty offers interdisciplinary courses integrating concepts from different scientific disciplines to provide a holistic understanding of specific topics. With the implementation of the National Education Policy (NEP) 2020 starting in 2024, the university will offer multidisciplinary courses. According to the regulations of Savitribai Phule Pune University, the HEI began implementing the NEP for postgraduates from the academic year 2023-24, it will be implemented at Under Graduates from the academic year 2024-25.. The institute is well-prepared to implement the NEP 2020 and engage in multidisciplinary and interdisciplinary research to address local community issues. The institute plans to introduce more vocational, skill-based certificate, diploma, and degree programs in the coming years.

2. Academic bank of credits (ABC):

Aligned with the National Education Policy 2020, the Academic Bank of Credit (ABC) is being implemented by the university to facilitate student academic mobility. This HEI has also adopted the policy guidelines for appropriate credit transfer, following the CBCS pattern. The university has informed the HEI about necessary actions for ABC implementation, including conducting workshops/seminars and appointing a faculty member as a Nodal Officer. The institute has initiated the creation of ABC accounts for all undergraduate and postgraduate students, conducting induction/orientation programs for students and staff

	<p>on maintaining the Academic Bank of Credit. Credits are awarded upon course completion and examination clearance, allowing flexibility for students to exchange earned credits for certificates/diplomas if eligible and continue education in the same or other institutes in the future.</p>
<p>3. Skill development:</p>	<p>The institute prioritizes skill development programs to address the evolving needs of 21st-century society. It offers various value-added courses at undergraduate level which are approved by university courses like, Computerized Financial Accounting with Tally, Desktop Publishing, Digital Marketing, Computer Hardware Maintenance & Networking Technologies, and Introduction to Application of Plant Biotechnology. For postgraduate students, skill development programs include Introduction to Constitution, Democracy, Election and Governance, Cyber Security, Human Rights, Desktop Publishing, and Chromatographic Techniques. The HEI plans to establish a Skill Development Center and introduce new skill development programs in the future. Currently, students from any stream can pursue skill-based certificate courses alongside their degree programs. The institute fosters experiential learning through MoUs with industries and institutions for field visits, internships, and training, along with life and soft skills development programs. The university has introduced a choice-based credit system for UG and PG regular programs, emphasizing the development of humanistic, ethical, constitutional, and universal human values during degree completion.</p>
<p>4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):</p>	<p>The institute actively promotes Indian heritage and traditional knowledge in arts, literature, and culture through its curriculum. It adopts a trilingual approach—English as the international language, Hindi as the national language, and Marathi as the state/regional language. Specializations in Marathi, Hindi, English literature, History and Economics as social subjects are available in Arts faculty and subjects like Chemistry, Botany Physics, Zoology are available in science faculty. Various cultural activities and festivals are organized to preserve and propagate Indian culture and values, encouraging student participation at intercollegiate and university level youth festivals. The MoUs with organizations like The Snhevardhan Research Institute, (Pune) and</p>

	<p>The Art of Living Foundation, (Banglore) further help to inculcate and sustain cultural and traditional knowledge in students.</p>
<p>5. Focus on Outcome based education (OBE):</p>	<p>The institute has embraced the CBCS pattern since 2013-14 for PG and 2018-19 for UG courses, following the guidelines of Savitribai Phule Pune University. The restructured programs incorporate course and program outcomes, the faculty discuss these outcomes with students annually and verify them through various assessment methods. Faculty set targeted goals at the beginning of the academic year, focusing on course and program outcomes, and encouraging students to participate in co-curricular and extra-curricular activities to achieve expected educational outcomes. Additionally, the institute offers skill-based certificate courses, reframing the curriculum according to Outcome-Based Education, and plans to orient staff and students accordingly. Various pedagogical tools such as ICT, field visits, projects, and internships are utilized to make teaching-learning student-centric, supported by adequate infrastructural facilities for maximal learning outcomes.</p>
<p>6. Distance education/online education:</p>	<p>The HEI is gearing up to introduce Soft Skill Training programs in collaboration with the National Skill Development Corporation (NSDC) in the near future. With sufficient IT infrastructure and capable faculty, the institute is poised to deliver vocational courses through Open and Distance Learning (ODL) mode. It has established virtual and smart classrooms along with well-equipped computer and science laboratories. Additionally, the institution provides Wi-Fi and internet access through a 100 Mbps leased line, complemented by an e-library, e-content, and a comprehensive database. Plans are underway to launch an online platform for conducting lectures remotely. Faculty members use platforms such as Zoom, Google Classroom, and other digital tools for facilitating distance learning. In pandemic faculty members actively developed e-content and study materials for online learners. The HEI is ready to introduce and make available such courses as per the guidelines and requirements of university. Furthermore, the institution introduces new courses via platforms like SWAYAM, e-PG Pathshala, and NPTEL, offering students a diverse array of learning opportunities.</p>

Institutional Initiatives for Electoral Literacy

<p>1. Whether Electoral Literacy Club (ELC) has been set up in the College?</p>	<p>Yes, the institute has established the Electoral Literacy Club (ELC). Recently a program was launched on Systematic Voters Education and Electoral Participation (SEEV). The Systematic Voters' Education and Electoral Participation program is the flagship program of the Election Commission of India for voter education, spreading voter awareness and promoting voter literacy in India. The HEI organized various programmes for the purpose like a programme on Voters Awareness was organized on 28 July 2023, Revenue Week Voters Awareness Programme on 08 August 2023, a Youth Dialogue Programme on 30 August 2023, two faculty members attended a Workshop on Electoral Literacy at Ahmednagar. A special campaign for new voter registration was carried out on 01 August 2023 and 14th National Voters day was celebrated on campus. The HEI signed a MoU with the District Election Commission on 27 September 2023 for the smooth conduct of the ELC.</p>
<p>2. Whether students' co-ordinator and co-ordinating faculty members are appointed by the College and whether the ELCs are functional? Whether the ELCs are representative in character?</p>	<p>Yes. The HEI has constituted ELC consisting of the student representative as a Student Coordinator, faculty coordinator, and members. The HEI has established the Electoral Literacy Cell (ELC) to engage student's youth through activities, to sensitize them on their electoral rights, and to familiarize them with the electoral process of registration and voting. It aims at strengthening the culture of electoral participation among young and future voters. The Objectives of Electoral Literacy Cell: 1.To educate the voters to build a truly participative democracy 2.To promote awareness of 'Right to vote' among students, faculty members and community. 3.To develop a culture of electoral participation and maximize the ethical voting and follow the principle 'Every vote counts' and 'No voters to be left behind'. Electoral Literacy Cell The Name and Designation is as follows 1) Dr. Shirish Landage Patil, Coordinator Officer 2) Dr. Sambhaji Tanpure, Nodal Officer 3) Prof. Pravin Ghare, Member 4) Prof. Dhirsing Naik, Member 5) Prof. Pravin Late, Member 6) Mr. Aniket Sawant, Campus Ambassador</p>

<p>3. What innovative programmes and initiatives undertaken by the ELCs? These may include voluntary contribution by the students in electoral processes-participation in voter registration of students and communities where they come from, assisting district election administration in conduct of poll, voter awareness campaigns, promotion of ethical voting, enhancing participation of the under privileged sections of society especially transgender, commercial sex workers, disabled persons, senior citizens, etc.</p>	<p>7) Mr. Aditya Gaikwad, Campus Ambassador</p> <p>The HEI celebrates Voters Day' every year on 25th January to create awareness among the students and highlight their contribution to advancing democratic values and participation in electoral processes, etc. The HEI has organized various activities and programs to promote electoral literacy among the student's youth and community. Constitutional Day (26 November) is celebrated every year to inform the constitutional values and contribution of the Constitution in Indian Democracy with the pledge. National Voters Day is celebrated every year to educate stakeholders and the community about electoral rights, processes, and duties to strengthen a truly participative democracy. Awareness programme was organized to educate the student and community by EC authorities about the use of Electoral Voting Machines (EVM) and VVPAT machines in the electoral process. Voter Registration campaigns for students in the campus were organized. Voter awareness rallies conducted at various places in nearby villages.</p>
<p>4. Any socially relevant projects/initiatives taken by College in electoral related issues especially research projects, surveys, awareness drives, creating content, publications highlighting their contribution to advancing democratic values and participation in electoral processes, etc.</p>	<p>On the occasion of Voters day (25 January 2024), a rally was organized to raise awareness among the stakeholders and community to build a stronger democracy through the electoral process with the help of hoardings and banners containing slogans about the event. On the occasion of voters day students took pledge to participate in the electoral process with safeguard and democratic values. Expert talks on Constitutional Values are organized in the HEI. Graduate Constituency voter registration drive conducted in HEI. Teachers Constituency voter registration drive conducted in HEI.</p>
<p>5. Extent of students above 18 years who are yet to be enrolled as voters in the electoral roll and efforts by ELCs as well as efforts by the College to institutionalize mechanisms to register eligible students as voters.</p>	<p>The institution motivates students above 18 years who are to be enrolled as voters to be sensitized about democratic rights which include casting votes in elections. We conduct various activities viz. Rallies, Street play, Voter registration camp, Voters' Day to create awareness regarding electoral procedures among the stakeholders. A special registration drive for the students conducted at the institute. After convincing the students of the importance of new voter registration, their applications are filled and sent to the Tehsil Election Office, Newasa. The institute takes efforts for the registration of Nashik</p>

Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1331	1376	1484	1512	1403

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 64

File Description	Document
Upload Supporting Document	View Document
Institutional data in prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
65	69	70	67	69

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
165.33614	160.54108	197.68868	169.822063	276.063

File Description	Document
Upload Supporting Document	View Document

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1

The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

The Higher Education Institution (HEI) adopts several measures to ensure efficient curriculum delivery:

- Prior to the start of the academic year, the institution prepares an academic calendar and separate examination calendar in alignment with the university's academic calendar. These calendars are circulated among all stakeholders, specifying suitable dates for curricular, co-curricular, and extracurricular activities.
- Department Heads conduct meetings with faculty members to discuss work allotment based on expertise and preferences. Before classes commence, teachers prepare course-wise teaching plans. Faculty in-charges coordinate and create timetables for theory and practical sessions, which are then displayed on student notice boards.
- Regular monitoring of the teaching and learning process is conducted by the Principal and Department Heads. Midterm reviews ensure syllabus progress, with additional lectures planned if necessary. To enhance curriculum delivery, teachers utilize ICT tools such as Smart classrooms, Google Classroom, Zoom platform, YouTube videos, and presentations. Student-centric methods like seminars, group discussions, projects, tests, tutorials, study tours, and industrial/field visits are also employed.
- The Librarian and Store In-charge procure necessary materials, including reference books, journals, ICT facilities, teaching aids, specimens, skeletons, equipment, and consumable materials, based on budget and priority. Quality assessment of curriculum delivery is ensured through periodic tests, seminars, assignments, and co-curricular activities like quizzes, debates, and exhibitions.
- Students are encouraged to utilize library resources and participate in extracurricular activities, National Service Scheme, Earn and Learn Scheme, cultural events, and value-added courses such as computer awareness programs and beauty parlor courses. The institution has signed Memoranda of Understanding (MoUs) with academic and industrial partners, facilitating hands-on training, seminars, workshops, and lectures for students. Faculty members enhance their expertise through orientations, refresher courses, and faculty development programs. They present their research at seminars, conferences, and workshops, and also publish their findings in prestigious research journals.

These efforts ensure a comprehensive and effective curriculum delivery process, enriching the educational experience for students and faculty alike.

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

1.2 Academic Flexibility

1.2.1

Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)

Response: 21

File Description	Document
List of students and the attendance sheet for the above mentioned programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

1.2.2

Percentage of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

Response: 29.21

1.2.2.1 Number of students enrolled in Certificate/ Value added courses and also completed online courses of MOOCs, SWAYAM, NPTEL etc. as against the total number of students during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1298	732	8	29	9

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1

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

Response:

The institution, being affiliated with Savitribai Phule Pune University, Pune, adheres to the prescribed curriculum mandated by the university. This curriculum meticulously incorporates various crosscutting issues such as Professional Ethics, Gender, Human Values, Environment, and Sustainability. Many of these issues are indispensable components of the curriculum and are compulsory for both undergraduate and postgraduate students. These include subjects like Human Rights, Introduction to Constitution, Cyber security, Democracy Election and Governance, and Environmental Studies. Furthermore, the institute actively organizes diverse activities aimed at integrating these crosscutting issues into the educational experience.

Professional Ethics permeate through various subjects, evident in topics such as "Ethics and Patenting" in M.Sc. Botany, "Monetary and Fiscal Policies" in B.A (Economics), "Programming Ethics" in B.Sc. (Physics), and "Business Ethics" across disciplines like B.Com. and B.A (Geography). Similarly, Gender-related issues are addressed through topics like "Gender Development Index" and "Gender Inequality Index" in B.A (Economics), and "Characteristic of population" in B.Sc. (Zoology), among others.

Human Values find expression in subjects such as "Resources in Economic Development" and "Human Development Index" in B.A (Economics), "Economic importance of Phylum Porifera" in B.Sc. (Zoology), and "Conflict Resolving Skills" in B.A (Psychology). Additionally, Environmental and Sustainability concerns are integrated into the curriculum through subjects like "Applied Ecology: Environmental Pollution" in M.Sc. (Botany), "Environmental Chemistry" in M.Sc. (Chemistry), and "Environmental Impact Assessment" in B.Sc. (Zoology).

Through this comprehensive approach, the institution ensures that students are equipped with not only academic knowledge but also ethical, social, and environmental awareness, preparing them to navigate complex challenges in their professional and personal lives. Additionally, the HEI has formulated policies to address these issues and endeavors to resolve cross-cutting issues by adhering to these policies.

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

1.3.2

Percentage of students undertaking project work/field work/ internships (Data for the latest

completed academic year)

Response: 45.76

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

Response: 609

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1

Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website

Response: A. Feedback collected, analysed, action taken& communicated to the relevant bodies and feedback hosted on the institutional website

File Description	Document
Feedback analysis report submitted to appropriate bodies	View Document
At least 4 filled-in feedback form from different stake holders like Students, Teachers, Employers, Alumni etc.	View Document
Action taken report on the feedback analysis	View Document
Link of institution's website where comprehensive feedback, its analytics and action taken report are hosted	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1

Enrolment percentage

Response: 69.11

2.1.1.1 Number of seats filled year wise during last five years (Only first year admissions to be considered)

2022-23	2021-22	2020-21	2019-20	2018-19
596	561	562	647	646

2.1.1.2 Number of sanctioned seats year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
884	878	876	872	848

File Description

Document

Institutional data in the prescribed format

[View Document](#)

Final admission list as published by the HEI and endorsed by the competent authority

[View Document](#)

Document related to sanction of intake from affiliating University/ Government/statutory body for first year's students only.

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

2.1.2

Percentage of seats filled against reserved categories (SC, ST, OBC etc.) as per applicable reservation policy for the first year admission during the last five years

Response: 76.48

2.1.2.1 Number of actual students admitted from the reserved categories year wise during last five years (Exclusive of supernumerary seats)

2022-23	2021-22	2020-21	2019-20	2018-19
412	393	440	422	469

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

2022-23	2021-22	2020-21	2019-20	2018-19
548	544	543	541	617

File Description	Document
Institutional data in the prescribed format	View Document
Final admission list indicating the category as published by the HEI and endorsed by the competent authority.	View Document
Copy of communication issued by state govt. or Central Government indicating the reserved categories(SC,ST,OBC,Divyangjan,etc.) to be considered as per the state rule (Translated copy in English to be provided as applicable)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.2 Student Teacher Ratio

<p>2.2.1</p> <p>Student – Full time Teacher Ratio (Data for the latest completed academic year)</p> <p>Response: 20.48</p>

2.3 Teaching- Learning Process

<p>2.3.1</p> <p>Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT- enabled tools including online resources for effective teaching and learning process</p>

Response:

The teaching-learning process at HEI is centered on student-centric methodologies, which include experiential learning, participative learning, and problem-solving techniques. Faculty members employ ICT-enabled tools, including online resources, to facilitate effective teaching and learning experiences. The HEI offers UG and PG programs and courses, aiming for the holistic development of its students. The teaching-learning process emphasizes collaborative activities between teachers and students within the classroom setting.

Teachers tailor their pedagogical approach to meet the diverse needs of students, utilizing various methods and activities such as seminars, surveys, lectures, guest lectures, group discussions, laboratory activities, experiments, projects, poster presentations, educational trips, and debate competitions.

1. Experiential Learning

Teachers employ experiential learning methods, integrating lectures, readings, hands-on activities, group discussions, short projects, and field visits to actively engage students in the learning process. Through reflection, students analyze and internalize their learning experiences, considering how newfound knowledge and skills can be applied in different contexts. Collaborative work fosters teamwork, communication, and problem-solving skills among students.

2. Participative Learning

Departments across the institution implement participative learning methods, involving all students and their respective teachers in activities such as classroom seminars, group discussions, research projects, surveys, industrial visits, poster presentations, excursions, and exhibitions. Students are also encouraged to participate in various competitions and events like 'AVISHKAR,' a research-based competition hosted by SPPU, Pune.

3. Problem-Solving Method

To maintain student engagement, teachers employ problem-solving activities within the classroom. Short questions are used to assess students' understanding and comprehension, nurturing their analytical abilities. Homework assignments, discussions on past university question papers, and efforts to resolve doubts contribute to students' comprehensive learning.

The HEI boasts Wi-Fi-enabled classrooms equipped with an array of **Smart Classrooms, and ICT-enabled facilities**. Leveraging these resources, educators actively engage in pedagogical methodologies aimed at facilitating effective teaching and learning. Teachers utilize ICT-enabled tools, including online resources, to enhance the effectiveness of the teaching and learning processes. Furthermore, teachers have successfully developed e-content using various ICT tools. Additionally, the institution houses four dedicated computer laboratories.

The HEI frequently organize **online lectures** using platforms like Google Meet, Microsoft Teams, and Zoom to improve teachers' ICT skills. These platforms enable dynamic interaction between faculties and students. Within Learning Management Systems (LMS), instructors can distribute video lectures, electronic notes, assignments, and supplementary materials. Furthermore, HEIs promote faculty engagement in FDP, webinar, short-term course, SWAYAM and MOOC programs. As a result, various

departments arrange online guest lectures accessible to students and the broader community.

Moreover, some teachers contribute their study materials to the **e-content** section of SPPU, Pune. They also actively utilize online repositories such as Google Scholar, Shodhganga, N-List, DELNET, NPTEL and SWAYAM. HEI also organizes seminar, competitions and lectures series, the scientific, cultural and educational programs for competitive examinations through ICT. The HEI integrated software Academic, Administration, Library Management, such VRIDDHI.

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

2.4 Teacher Profile and Quality

2.4.1

Percentage of full-time teachers against sanctioned posts during the last five years

Response: 94.44

2.4.1.1 Number of sanctioned posts year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
72	72	72	72	72

File Description	Document
Sanction letters indicating number of posts sanctioned by the competent authority (including Management sanctioned posts)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.4.2

Percentage of full time teachers with NET/SET/SLET/ Ph. D./D.Sc. / D.Litt./L.L.D. during the last five years (consider only highest degree for count)

Response: 50.29

2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D./ D.Sc. / D.Litt./L.L.D year wise

during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
40	37	35	32	27

File Description	Document
Institution data in the prescribed format	View Document
Copies of Ph.D./D.Sc / D.Litt./ L.L.D awarded by UGC recognized universities	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.5 Evaluation Process and Reforms

2.5.1

Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient

Response:

The HEI is affiliated with SPPU, Pune, adhering closely to the university's rules and guidelines concerning assessment and evaluation processes. To ensure transparency and efficiency, we rely on key entities including the College Examination Committee (CEC), the College Examination Officer (CEO), and the Grievance Redressal Cell (GRC).

The **CEO** oversees the evaluation process, while the GRC handles student grievances related to assessment and evaluation. This collaborative effort ensures that assessments are conducted smoothly and fairly.

At the onset of each semester, the **CEC** prepares and publishes a calendar outlining the internal evaluation (IE) schedule. Students receive detailed information about the assessment procedures through various communication channels such as the Principal's announcements, notice boards, WhatsApp, and the HEI website.

Our internal evaluation comprises a diverse range of activities, including tutorials, assignments, tests, presentations, projects, seminars, industrial visits, and more. These components are designed to provide a holistic assessment of students' knowledge and skills.

We adhere strictly to the university's criteria when conducting internal assessments, ensuring consistency and fairness across all evaluations. The marking scheme specified by the university is applied meticulously to assign marks to students based on their performance.

To uphold transparency, subject-wise mark lists are posted on the notice board before university examinations commence. This allows students to review their marks and seek clarification if needed.

In instances where students have grievances or queries regarding their marks, they can avail themselves of the grievance redressal mechanism. Students are encouraged to follow the established policy and procedures to address their concerns promptly.

Additionally, we recognize the importance of accommodating students involved in co-curricular or extra-curricular activities. For these students, re-examinations are conducted to ensure they receive fair assessment despite their participation in other endeavors. Overall, our evaluation process is designed to be transparent, student-centered, and efficient, with mechanisms in place to address any issues that may arise during the assessment period.

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

2.6 Student Performance and Learning Outcomes

2.6.1

Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website

Response:

The HEI, under the affiliation of SPPU, Pune meticulously adheres to the university's prescribed Programme Outcomes (POs) and Course Outcomes (COs) for all programs offered. These outcomes are essential in defining the expected knowledge, skills, and abilities that students should acquire upon completion of their respective programs of study.

Program Outcomes (POs):

To assess the effectiveness of our programs and ensure that students meet the intended learning goals, we employ various assessment methods:

1. Direct Assessment: The university designs direct assessment methods tailored to each program's outcomes. Through exams, essays, projects, portfolios, and presentations, we directly measure student performance, gaining insights into their strengths and weaknesses.

2. Indirect Assessment: Gathering information on student perceptions, attitudes, and behaviors related to program outcomes through surveys, interviews, focus groups, and self-assessment allows us to

understand student satisfaction, learning objectives, and overall effectiveness.

3. Program Evaluation: Conducting formal evaluations of the entire program, including curriculum, faculty, resources, and student outcomes, provide comprehensive insights into achieving objectives and areas for improvement.

4. Employer Feedback: Valuable input from employers regarding students' application of acquired knowledge and skills guides program enhancements to better align with industry needs.

Course Outcomes (COs):

Similarly, we assess Course Outcomes (COs) through a variety of methods:

1. Direct Assessments: Evaluation of student performance through exams, quizzes, essays, projects, presentations, and lab reports directly measures achievement of course outcomes.

2. Indirect Assessment: Collection of information on students' perceptions, attitudes, and behaviors related to course outcomes through surveys, interviews, focus groups, and self-assessment provides valuable insights.

3. Formative Assessments: Providing feedback on student progress toward course outcomes through quizzes, self-assessment, and peer reviews allows for continuous improvement.

4. Summative Assessment: Assessing student performance at the end of the course through final exams, papers, projects, and presentations ensures achievement of course objectives.

Feedback Mechanisms:

Additionally, feedback from students about course effectiveness, collected through surveys, focus groups, or personal interactions, helps in meeting educational objectives.

Through this holistic approach to evaluating Programme Outcomes (POs) and Course Outcomes (COs), our institution ensures alignment with stakeholders' needs and continuous improvement in educational quality.

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

2.6.2

Attainment of POs and COs are evaluated.

Explain with evidence in a maximum of 500 words

Response:

The HEI has implemented a structured assessment framework along with a range of assessment tools to measure the achievement of outcomes. Programme Outcomes (POs) and Course Outcomes (COs) for all programs offered are clearly stated and prominently displayed on the institution's website.

Assessment Methods:

A variety of assessment methods are employed to evaluate the attainment of outcomes, including Continuous Assessment Tests, assignments, Multiple Choice Question presentations, Open Book Tests, Oral Tests, Field visits, Group Discussions, Project reports, Study tours, Scientific and Social Surveys, and End Semester Examinations. These assessment processes are regularly documented and monitored, with all relevant documentation maintained within each department.

Weightage and Alignment:

Weightage is assigned to both periodic continuous assessments and end-of-semester examinations. Assessment questions are carefully designed to align with specific Course Outcomes. Moreover, Course Outcomes are meticulously mapped to Programme Outcomes, facilitating a comprehensive evaluation process.

Evaluation and Gap Identification:

Through the assessment of course outcome attainment, the achievement of program outcomes is determined. Any gaps in the curriculum are identified through this evaluation process, prompting necessary steps to address and bridge these gaps effectively.

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

2.6.3

Pass percentage of Students during last five years (excluding backlog students)

Response: 89.39

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

2022-23	2021-22	2020-21	2019-20	2018-19
367	424	465	374	300

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

2022-23	2021-22	2020-21	2019-20	2018-19
400	452	496	422	389

File Description	Document
Institutional data in the prescribed format	View Document
Certified report from Controller Examination of the affiliating university indicating pass percentage of students of the final year (final semester) eligible for the degree programwise / year-wise.	View Document
Annual report of controller of Examinations(COE) highlighting the pass percentage of final year students	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

2.7 Student Satisfaction Survey

2.7.1

Online student satisfaction survey regarding teaching learning process

Response:

File Description	Document
Upload database of all students on roll as per data template	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 in the institution during the last five years (INR in Lakhs)

Response: 41.97

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

2022-23	2021-22	2020-21	2019-20	2018-19
30.10	0	4.76000	0	7.11451

File Description

Document

Upload supporting document

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

3.2 Innovation Ecosystem

3.2.1

Institution has created an ecosystem for innovations, Indian Knowledge System (IKS), including awareness about IPR, establishment of IPR cell, Incubation centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

Response:

The institution has successfully fostered an ecosystem for innovation, particularly emphasizing the Indian Knowledge System (IKS). This ecosystem is characterized by a heightened awareness of Intellectual Property Rights (IPR), the establishment of an IPR cell, an Incubation Centre, and various other initiatives facilitating the creation and transfer of knowledge and technology, with tangible outcomes.

The HEI is deeply committed to foster **innovation Ecosystem**, and offering scientific solutions to lifelong challenges. Within our institutional ecosystem, we prioritize cultivating innovative and creative ideas through the development of research-oriented skills. To this end, the establishment of the Academic Research Committee (ARC) oversees the provision of necessary infrastructural facilities and resources, fostering a conducive environment for research.

Regular exhibitions showcasing innovations are organized, and a departmental instrumentation facility equipped with sophisticated instruments supports research activities for both HEI and external students. Our library resources, including journals, references, and databases like INFLIBNET and DELNET, ensure access to the latest developments in research fields. This supportive research environment has resulted in a significant number of publications in reputable peer-reviewed journals and the filing of four patents.

Our faculty members serve as recognized research guides, mentoring students pursuing research under their guidance, thereby motivating research activities among both students and teachers. Many faculty members have successfully completed research projects funded by various agencies. Eminent personalities who have made significant contributions to research and industries are invited as resource persons, providing mentorship to students.

We actively motivate, encourage, and train our faculty through a well-defined performance appraisal system, aiming to enhance their teaching, research, administrative, and social service skills. This includes participation in conferences, seminars, and workshops, ultimately benefiting student competency and encouraging participation in *Avishkar* competitions. Participation in the *Avishkar* Research Festival, organized by SPPU, Pune, and similar local events, is actively encouraged, with students from our institution making notable contributions.

Faculty members are encouraged to seek funding from various agencies and are supported through seed money and incentives to further their research qualifications. Our institution has a clear research promotion policy guiding researchers on ethics, short-term projects, completion of PhDs, publication of research findings, and patent filings addressing regional issues.

Furthermore, we have developed excellent research facilities with support from organizations such as UGC, DST, and our parent institute. Workshops on Research Methodology, IPR and ICT have helped guide students and faculty in various research processes, including data collection, analysis, and thesis writing enhancing their innovative ideas.

To foster an innovative ecosystem, we have established collaborations and signed MoUs with academic, research, and industrial organizations, facilitating interdisciplinary research and knowledge transfer. Activities organized by the Science Association help develop a scientific temperament.

Moreover, our HEI provides a conducive atmosphere, infrastructure, resources, and confidence for enhancing the capacity and competencies of both students and teachers in research and innovative activities. All our innovative and extension activities are student-oriented, aiming to nurture their minds and encourage them to find solutions to societal problems.

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

3.2.2

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

Response: 24

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

2022-23	2021-22	2020-21	2019-20	2018-19
21	3	0	0	0

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1

Number of research papers published per teacher in the Journals notified on UGC care list during the last five years

Response: 3.16

3.3.1.1 Number of research papers in the Journals notified on UGC CARE list year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
31	44	36	42	49

File Description	Document
Link to the uploaded papers, the first page/full paper(with author and affiliation details)on the institutional website	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.3.2

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: 1.44

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

2022-23	2021-22	2020-21	2019-20	2018-19
27	16	34	15	0

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the Cover page, content page and first page of the publication indicating ISBN number and year of publication for books/chapters	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.4 Extension Activities

3.4.1

Outcomes of Extension activities in the neighborhood community in terms of impact and sensitizing the students to social issues for their holistic development during the last five years.

Response:

The HEI has earned awards and recognition for its active engagement in extension activities, both from governmental and non-governmental organizations. Faculty and students have been instrumental in various endeavors, spanning social, academic, research, patents, and National Service Scheme initiatives, among others. Notably, amidst the COVID-19 pandemic, the HEI spearheaded health awareness campaigns, facilitated COVID-19 vaccination drives, and organized blood donation camps, demonstrating a strong commitment to social responsibility.

Acknowledgements for patents and research achievements underscore the departments' and staff's dedication to societal and humanitarian causes. Academic accolades for extension efforts also highlight teachers' diverse contributions. Additionally, the recognition received by students and staff for activities such as elocutions, street plays for awareness, rallies, and environmental outreach programs is

commendable.

The HEI is steadfast in its commitment to fostering holistic student development. Beyond imparting academic knowledge, it actively cultivates values such as unity, patriotism, environmental consciousness, gender equality, and civic duties. To this end, the HEI consistently engages students in various extension activities, tree plantation initiatives, cleanliness campaigns, AIDS awareness programs, voter education drives, and initiatives like "*Har Ghar Tiranga Campaign*" and "*Azadi Ka Amrit Mahotsav.*" Notably, special winter camps in adopted villages serve to enrich students' social responsibility.

The efforts of students and faculty have been duly recognized. Noteworthy acknowledgments include the district coordinator designation awarded to Dr. Sanjay Maher, the NSS Programme Officer. The HEI's dedication to extension activities has also been commended by entities like the Rotary Club of Shevgaon, which recognized its efforts in maintaining a clean and green campus in 2021, as well as by the Gram Panchayats of adopted villages, which lauded the work of NSS volunteers during winter special camps.

The institute promotes regular engagement students holistic development and sensitizes them to work for social change through various activities conducted by N.S.S., department of physical education, Student development center, cultural cell and other departments through policy with the support to instill the life skills and transforming into responsible citizens. These activities increase students' strength to tackle emergency situations, natural calamities/disasters, and develop social responsibility, integrity, and gratitude among youths. The extension activities conducted are NSS Camps, *Swaccha Bharat Abhiyan*, AIDS Awareness Activities, Environmental Awareness Programmes, International Yoga Day, Voters Day, Health and Hygiene Programmes, Disaster Management, Popularization of Science, Gender Equity, Tree Plantation, Women Empowerment activities, Celebration of birth/death anniversaries of renowned leaders, freedom fighters, social reformers, specially Shivjayanti, Mahatma Gandhi, Dr. Babasaheb Ambedkar, Mahatma Phule , Rajmatata Jijabai, Krantijyoti Savitribai Phule, Swami Vivekanad, Shri Marutrao Ghule patil etc..

The significance of clean surroundings, hygiene, sanitation in the neighborhood, garbage collection-disposal, waste management and treatment, and sensitizing the community at large to these vital issues is practiced with the help of youths.

Through a rally for Kerala relief fund (Rs.15,000/-) and Covid 19 relief fund (RS.1,45,534/-) was collected and forwarded to CM's. Women Empowerment activities such as workshop on self-defense, health awareness, *Nirbhay Kanya Abhiyan*, helps to promote gender amity. Developing skills in vermicomposting additionally contributes to society.

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

3.4.2

Awards and recognitions received for extension activities from government / government

recognised bodies

Response:

The college has received awards and recognition for its involvement in extension activities from Government and Non-Government Organizations. During the last five years the staff and students of have contributed in various extension activities viz. social, academic, research, patents, NSS and others. During COVID-19 pandemic, health awareness, COVID-19 vaccination drives and blood donation camps are some of the premier contributions made by the college in the field of social extension. Recognitions for Patent and Research underline the accountability of departments and staff towards society and humanity at the greater extent. Academic recognition towards extension is also notable as teachers contribute in various fields. Other than this, recognitions received by students and staff in elocutions, street play for awareness, rallies, environmental awareness programs etc. is laudable. The details of awards for extension activities are given in attachment herewith.

College is committed towards all round development of students. It does not impart only academic training to students but also is actively involved in shaping their personalities through inculcation of values such as brotherhood, spirit of nationalism, sensitivity towards environment, gender issues, constitutional obligations etc. To achieve this end, college consistently makes efforts to involve students in different extension activities such as Blood Donation Camp, Tree Plantation Drive, Cleanliness Campaign, AIDS Awareness, Voter Awareness campaign, Har Ghar Tiranga Campaign, Azadi Ka Amrit Mahotsav and Special Winter Camps in Adopted villages etc. College units such as NSS and Board of Students Development play an important role in the implementation of above programmes. The efforts of our students and faculty in this regard received due recognition from Local, University, State, National and International level government and government recognized bodies as well as NGOs. Awards Received by Students for their Contribution in Extension Activities: The NSS Programme officer of our college Dr. Sanjay Maher was a recipient of district co-ordinator . Our institute has made a commendable contribution in Extension Activities. It received award and recognitions from different Government recognized bodies. Rotary Club of Shevgaon has appreciated the efforts of college towards maintaining Clean and Green campus in 2021. The Grampanchayats of adopted villages have appreciated the work done by our NSS volunteers during winter special camps within the assessment period.

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

3.4.3

Number of extension and outreach programs conducted by the institution through organized forums including NSS/NCC with involvement of community during the last five years.

Response: 116

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC etc., year wise during the

last five years

2022-23	2021-22	2020-21	2019-20	2018-19
41	34	12	16	13

File Description	Document
Institutional data in the prescribed format	View Document
Detailed report for each extension and outreach program to be made available, with specific mention of number of students participated and the details of the collaborating agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

3.5 Collaboration

3.5.1

Number of functional MoUs/linkages with institutions/ industries in India and abroad for internship, on-the-job training, project work, student / faculty exchange and collaborative research during the last five years.

Response: 37

File Description	Document
List of year wise activities and exchange should be provided	View Document
List and Copies of documents indicating the functional MoUs/linkage/collaborations activity-wise and year-wise	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1

The Institution has adequate infrastructure and other facilities for,

- teaching – learning, viz., classrooms, laboratories, computing equipment etc
- ICT – enabled facilities such as smart class, LMS etc.

Facilities for Cultural and sports activities, yoga centre, games (indoor and outdoor), Gymnasium, auditorium etc (Describe the adequacy of facilities in maximum of 500 words.)

Response:

Teaching-Learning Infrastructure:

The HEI boasts ample infrastructure to support effective teaching and learning processes. HEI has main building built-up area 5278.47 Sq. Mts. which is situated in a green, scenic and sprawling 31.65-acre campus. It comprises 18 spacious classrooms out of which 08 are digital smart classrooms, 17 well-equipped laboratories, covering various disciplines such as Chemistry, Physics, Botany, Zoology and Computer Science. These laboratories are well-equipped with necessary infrastructure, instruments, and computing equipment. Separate and spacious server room, Internet connectivity with lease line is provided by both BSNL and Airtel, ensuring seamless access to online resources. Moreover, the entire campus, including the hostels, is equipped with Wi-Fi hotspot facilities, enhancing connectivity and accessibility for students and staff. There are 4 staff rooms and 22 departmental cabins, a store room, and sanitary facilities.

The central library with reading room offers a wide collection of books, e-books, and e-journals, with efforts made to continuously enhance its resources.

During the assessment period, the HEI has invested Rs. 1.20 crore in acquiring modern instruments through funds from UGC and DST-FIST, thereby enhancing laboratory facilities. Moreover, a separate Soil Testing Laboratory caters to specific academic needs.

Multipurpose and other support Facilities:

The institution houses a multipurpose seminar hall used for various activities including resource persons' lectures, seminars, and workshops. The college has a well-equipped exclusive wing allotted for the administrative section, Examination Office, well-furnished Internal Quality Assurance Cell, Student Welfare, Earn and Learn Scheme, National Service Scheme, Placement and Training center, Counseling Cell, separate gents and ladies staff room with attached washroom, girls common room with attached washroom.

Infrastructure Development:

The management of Marutrao Ghule Patil Education Society prioritizes the creation and enhancement of

infrastructure. The campus features technology-enabled classrooms; well-ventilated libraries, spacious hostels segregated for male and female students, and designated restrooms. Adequate budget allocations are made for infrastructure creation, enhancement, and upgrades to accommodate a growing student population. Additionally, on-campus facilities include a health center, canteen, and overhead drinking water tank with 50,000 liter capacity, as well as 16 flats for staff available in campus.

The well-maintained botanical garden includes rare, endangered, and medicinal plants, along with a vermicomposting unit, providing students with hands-on learning opportunities in environmental conservation. The campus provides ample parking space for the vehicles, water coolers, on-grid 80 kVA solar panels, electricity backup of generator with 20 kVA capacity, and round-the-clock security with CCTV coverage, ensuring safety and convenience for students and staff.

Sports and Cultural Facilities

The HEI boasts comprehensive facilities for sports and games (both indoor and outdoor), a gymnasium, yoga center, and cultural activities within its picturesque with built-up area 2346 sq. mts. The Gymkhana is fully equipped with a multi-stationed gymnasium, while the HEI offers an expansive 8-acre playground housing a 400-meter 8 Lane Track, Basketball Court, Handball Court, Kabaddi Court, Volleyball Court, and Ball-Badminton Court. Moreover, infrastructure is in place to support cultural activities, including an open stage, indoor sports complex stage, and utilization of the multipurpose seminar hall for such events.

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

4.1.2

Percentage of expenditure for infrastructure development and augmentation excluding salary during the last five years

Response: 17.51

4.1.2.1 Expenditure for infrastructure development and augmentation, excluding salary year wise during last five years (INR in lakhs)

2022-23	2021-22	2020-21	2019-20	2018-19
6.32195	1.55796	73.47121	4.15942	84.21462

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for infrastructure augmentation should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.2 Library as a Learning Resource

4.2.1

Library is automated with digital facilities using Integrated Library Management System (ILMS), adequate subscriptions to e-resources and journals are made. The library is optimally used by the faculty and students

Response:

The library is an integral part of the college and provides adequate knowledge resources and services to the stakeholders. It was established in 1992 with few books and till date is stocked with 27019 books with cost Rs.48,75,700/-. The library is well equipped with reading material such as reference books, text books, anthologies, competitive exam books, CD, DVD, Cassettes Journals, periodicals and Newspapers, e-book and e-journals are available in the library. There is provision of power backup for an interrupted access of library facility.

The reading room remains open from 9.15 am to 5.00 pm. The capacity of reading room is 80 seats. The library user tracking system software is also institutionalized in library since 2023 for daily entry attendance for the student and staff.

Library Advisory Committee constituted for the efficient functioning of the library. The Committee comprises of the Principal of the college as Chairman, while the Librarian acts as a Secretary and four senior teachers are nominated by principal in the committee. The committee members meet twice in each year to plan the budget, purchase of the books and references, review budget utilization and related administrative matters for smooth and effective functioning.

Library maintains the accession register manually as well as in digital mode. Library is fully computerized with the help of Vriddhi software and OPAC (Online Public Access Catalogue) is made available to the readers. College purchased Zebra Identity Card Printer so we give Identity card to student within two minutes. ID card and barrow card is two in one facility. Library provides an access to 6000 e-journals and 31,35,000 e-books with the institutional membership of N-List Inlibnet consortia. Since March 2023 Delnet database is also available to the readers.

The readers of the library are 1404 in numbers and stocked books are 27019 in the library. So, a student

to library book ratio is more than 19 books per student (19:1). The College has purchased reference and text books, latest book of Competitive examination, Journals for students. Library offers many services to users like an automated circulation system, OPAC (online public access catalogue), Internet borrowing, Newspaper clipping. Library provides separate reading room facility for boys, girls and teaching non-teaching staff. The sufficient text books, reference book, Encyclopedia, etc. were available. Library has good reading atmosphere and promotes the reading culture among the students and staff. For the security purpose, we has sufficient number of CCTV for smooth control of all facilities.

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

4.3 IT Infrastructure

4.3.1

Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Describe IT facilities including Wi-Fi with date and nature of updation, available internet bandwidth within a maximum of 500 words

Response:

The institution has a number of IT facilities and it regularly updates them as per the demand of the students, teachers and other supporting staff. The facilities include a sufficient number of computers (Total 161). The institution has printing facilities which include Laser monochrome printers, Laser Jet printer and Colour inkjet printer (Total 31), Photocopiers 03 , 3 in1 printer 1 (Print, Fax and Scan), Dero Scanners 03, High speed photocopy machine 1 etc. The institution has 08 LCD projectors, 02 Smart boards, 03 LED TVs, Public address systems, all in 02, Podium with in-built PA system 5.

The computers are furnished with LCD and LED monitors, optical mice, and the latest Intel processors. Most computers are connected via Local Area Networking (LAN) with internet access. The HEI has central server facility. Recently, the institution entered into a Memorandum of Understanding (MoU) with Airtel and BSNL to enable Wi-Fi connectivity across the college campus.

Software resources in the college include Microsoft Office 2013 and Windows 8, supplemented by open-source software and operating systems such as UNIX, MINT and UBANTU. Furthermore, the computer laboratories are equipped with inverters and UPS backups to ensure uninterrupted operations.

Adequate IT facilities are available in the institute to enhance learning capabilities. The institute provides computing and networking services such as Desktops, Laptops, and internet facility for library, laboratories, academic and administrative sections. The computer department of HEI monitors the overall IT functioning.

Hardware Up-gradation: Hardware up-gradation is carried out regularly and on demand of the respective department. Systems have been replaced with new models with advanced configuration. The HEI has separate well maintained spacious server room.

Software Up-gradation: The institute uses various academic and administrative software such as ERP, Tally ERP 9, OPAC, n-List, VRIDDHI, Microsoft Office, Windows (version 7/10/11) and Antivirus,. Up-gradation is carried out time to time depending on advancement in technology and requirement

Computer Facility: Administrative office, various departments and Laboratories are equipped with Computers and Laptops with internet facilities provided through Lease Line. The HEI has a well-furnished separate computer laboratories which is supported and installed with various latest software required for the academic purpose.

Smart Classroom: The institute has a smart classroom with LCD Projector and Interactive board for effective teaching learning process.

CCTV: The entire campus is brought under CCTV surveillance sufficient CCTV cameras are installed in the campus.

College Website: The college website (<http://jijamatacollege.ac.in/>) is monitored and updated frequently by the Computer department.

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

4.3.2

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

Response: 9.44

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 141

File Description	Document
Purchased Bills/Copies highlighting the number of computers purchased	View Document
Extracts stock register/ highlighting the computers issued to respective departments for student's usage.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1

Percentage expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, during the last five years (INR in Lakhs)

Response: 16.04

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)

2022-23	2021-22	2020-21	2019-20	2018-19
33.76592	15.09582	25.21462	33.22584	48.20527

File Description	Document
Institutional data in the prescribed format	View Document
Audited income and expenditure statement of the institution to be signed by CA for and counter signed by the competent authority (relevant expenditure claimed for maintenance of infrastructure should be clearly highlighted)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1

Percentage of students benefited by scholarships and freeships provided by the institution, government and non-government bodies, industries, individuals, philanthropists during the last five years

Response: 88.71

5.1.1.1 Number of students benefited by scholarships and freeships provided by the institution, Government and non-government bodies, industries, individuals, philanthropists during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
1087	1118	1425	1413	1261

File Description

Document

Year-wise list of beneficiary students in each scheme duly signed by the competent authority.

[View Document](#)

Upload Sanction letter of scholarship and free ships (along with English translated version if it is in regional language).

[View Document](#)

Upload policy document of the HEI for award of scholarship and freeships.

[View Document](#)

Institutional data in the prescribed format

[View Document](#)

Provide Links for any other relevant document to support the claim (if any)

[View Document](#)

5.1.2

Following capacity development and skills enhancement activities are organised for improving students' capability

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
Report with photographs on Programmes /activities conducted to enhance soft skills, Language and communication skills, and Life skills (Yoga, physical fitness, health and hygiene, self-employment and entrepreneurial skills)	View Document
Report with photographs on ICT/computing skills enhancement programs	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.1.3

Percentage of students benefitted by guidance for competitive examinations and career counseling offered by the Institution during the last five years

Response: 36.43

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

2022-23	2021-22	2020-21	2019-20	2018-19
1619	148	69	279	474

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4

The institution adopts the following for 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
Proof w.r.t Organisation wide awareness and undertakings on policies with zero tolerance	View Document
Proof related to Mechanisms for submission of online/offline students' grievances	View Document
Proof for Implementation of guidelines of statutory/regulatory bodies	View Document
Details of statutory/regulatory Committees (to be notified in institutional website also)	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2 Student Progression

5.2.1

Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 61.05

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
240	237	223	219	236

5.2.1.2 Number of outgoing students year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
352	404	454	382	300

File Description	Document
List of students progressing for Higher Education, with details of program and institution that they are/have enrolled along with links to proof of continuation in higher education.(the above list should be available on institutional website)	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.2.2

Percentage of students qualifying in state/national/ international level examinations during the last five years

Response: 3.39

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

2022-23	2021-22	2020-21	2019-20	2018-19
5	6	3	9	2

File Description	Document
List of students qualified year wise under each category and links to Qualifying Certificates of the students taking the examination	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3 Student Participation and Activities

5.3.1

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

Response: 11

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

2022-23	2021-22	2020-21	2019-20	2018-19
6	4	0	0	1

File Description	Document
list and links to e-copies of award letters and certificates	View Document
Institutional data in the prescribed format	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

5.3.2

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

Response: 38.4

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2022-23	2021-22	2020-21	2019-20	2018-19
46	23	1	63	59

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	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:

Our HEI has a registered **Alumni Association** since 2011 (Registration number: Maharashtra/531/2011/Ahmednagar, dated 05/08/2011). It organizes an alumni association meeting of past students at least once in a year. In all the meetings the alumni expresses its strong love and commitment to the institution. The alumni contributes significantly to the development of the institution through financial as well as nonfinancial means. The overall contribution during assessment period is Rs.1, 24,206/- .

- One of our alumni, Mr. Sagar Gugale (Dept. of Chemistry) donated Rs11, 000/- (Eleven thousand) to provide facilities to HEI student for their all-round development.
- Alumni of department of Zoology donated first Aid box, Bookcase cupboard, honey box with bee hive and bird feeders costing Rs 18,123/-
- Also our Alumni contributed by delivering guidance talk to our regular students.
- Alumni Association organized a health camp for society and students, motivational talk, elocution competition and financial assistance to teacher for project of students.
- The alumni are constantly in touch with the regular students by the way of placement activities, conducted in the HEI.
- They help the students by providing training and sharing information regarding possible avenues of job opening in their organizations.

Alumni Engagement:

- The association held two meetings during the year,
- Alumni contributed significantly, both financially and non-financially, to the institution's development.
- They engaged with current students through placement activities, offering training and job information.
- The Alumni Association held regular meetings and arranged lectures by successful alumni for students.
- Notable donations and contributions were made, such as a Shoe Stand donated to the Botany Department by Alumni Shri. Yogesh Misal.
- Alumni meetings were adapted to online platforms during the COVID-19 pandemic.
- Alumni Mela events were organized, fostering connections and reminiscences among alumni and HEI staff.
- The Alumni Association executive body managed financial affairs and organized various events, including health camps and meetings for specific departments.
- Financial assistance was provided for minor research projects and medical checkup camps, benefiting the wider community.
- A total of 461 alumni are registered, and their contributions continue to enrich the HEI community.

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

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1

The institutional governance and leadership are in accordance with the vision and mission of the Institution and it is visible in various institutional practices such as NEP implementation, sustained institutional growth, decentralization, participation in the institutional governance and in their short term and long term Institutional Perspective Plan.

Response:

The basis of our institutional **governance and management** is rooted in our undertaking to provide holistic and transformative schooling, a philosophy that resonates harmoniously with the principles enunciated in the NEP. The NEP's imaginative and prescient of fostering creativity, vital thinking, and interdisciplinary mastering finds a sturdy echo in our curriculum layout and pedagogical practices. Our commitment to NEP implementation is underscored via the integration of its hints into our educational framework, encompassing curriculum layout, assessment methodologies, and the cultivation of 21st century competencies.

Sustained institutional growth serves as a sworn statement to the efficacy of our governance and management. Our group's trajectory of progress, marked by educational excellence, studies accomplishments, and infrastructural improvement, is a tangible reflection of effective leadership and governance practices. The vision and mission set the compass, guiding our decisions and strategies, while the collective efforts of HEI, workforce, and administrators propel us towards continual development.

Decentralization is a cornerstone of our governance model, taking into consideration powerful choice-making and fostering a sense of possession amongst diverse stakeholders. By devolving responsibilities and authority to different departments and devices, we encourage a bottom-up method that guarantees inclusivity and responsiveness. This decentralized structure empowers HEI and personnel to actively contribute to institutional development, thereby fortifying the nexus among governance and the group's broader goals.

Staff and faculty are not the only ones involved in **organizational governance**; It includes all stakeholders, including students, alumni and industry partners. Our organization recognizes that a diverse and participatory governance body ensures broad perspectives and informed decision-making. Regular meetings, advisory committees and open dialogue facilitate this integration, and promote a democratic democracy that reflects our commitment to the mission and vision of the organization.

Short-term and long-term **Institutional Conceptual Plans** (IPPs) outline the way our organization will grow and evolve, and set the roadmap. These programs are carefully developed with input from various stakeholders and are inextricably linked to our mission. IPPs reflect our aspirations and strategies for academic excellence, research excellence, and community engagement. They exemplify coordinated interactions between leadership, governance, and overarching organizational vision.

This convergence is not only evident in our organization but is deeply embedded in our practices.

Implementation of the NEP, ongoing institutional development, decentralized decision-making, and active participation all combine to form a governance and leadership framework that is part of our mission. As we navigate the path defined by our short-term and long-term strategic vision plans, we remain committed to creating an environment where governance and leadership seamlessly align with our holistic vision, resulting in organizations that lead well.

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

6.2 Strategy Development and Deployment

6.2.1

The institutional perspective plan is effectively deployed and functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment, service rules, and procedures, etc

Response:

According to the Maharashtra Public Universities Act of 2016, Section 97(1), the HEI maintains a **College Development Committee (CDC)**. This committee serves as the apex body responsible for planning and executing the developmental initiatives of the HEI. The CDC is chaired by Honorable Shri Narendra Ghule Patil, (Ex MLA) President of Shri Marutrao Ghule Patil Shikshan Sanstha. Additionally, it includes the management secretary, three teachers, one non-teaching staff member, four local members from the fields of education, industry, research, and social service, the Coordinator of IQAC, one member of the Students' Council, and the HEI Principal as a Secretary. This composition exemplifies the institution's commitment to decentralization and participative management.

Vision and Mission

The institute aspires to become a center of excellence in Education and Technology, dedicated to the socioeconomic advancement. Under the participative management of the Shri Marutrao Ghule Patil Shikshan Sanstha, is ingrained throughout a structured organizational system involving all stakeholders.

Administrative Setup

The organizational structure of the HEI comprises key components such as the Governing Body, Principal, Heads of Departments, Teaching and Non-teaching staff, Support Cells and Departments. This structure oversees the review of the institutional strategic plan, setting academic objectives, identifying financial and recruitment strategies, and ensuring institutional capacity and educational effectiveness. External members are involved in various Committees/Boards.

Compliance with guidelines from UGC, the University, and the Government of Maharashtra ensures the

establishment of **IQAC Cell** and **Anti-ragging Cell**. These committees, each with defined functions, provide academic and administrative leadership. Administrative staff and faculty members collaborate in planning, implementation, academic audit, and evaluation, reflecting an optimal level of decentralization and participative decision-making.

Appointment and Service Rules

Jijamata HEI adheres strictly to service rules outlined by UGC and the Government of Maharashtra. Recruitment processes follow guidelines set by Savitribai Phule University, Pune, where a panel comprising university and management representatives, the Principal, and external subject experts assess candidates based on interview performance and specified parameters. Teaching and non-teaching staff receive benefits such as PF, Gratuity, Medclaim, and others as applicable. The institution ensures transparent promotional policies, previously through Appraisal forms and currently through API.

Regular student feedback on improving the quality of the teaching-learning process and institutional governance is actively sought and analyzed. These feedback sessions involve discussions with the concerned faculty, facilitated by the Head of the Department and the Principal.

Grievance Redressal Cell

Additionally, a Grievance Redressal Committee has been established, comprising the Principal, Heads of Departments, and representatives from the teaching staff. This committee addresses grievances raised by both staff and students. A suggestion/complaint box is conveniently located near the Principal's office or the administrative office to facilitate anonymous submissions.

Furthermore, each student is assigned a **mentor** who serves as a point of contact for conveying academic and non-academic grievances. The Head of the Institute oversees both the feedback and grievance redressal processes, ensuring timely and effective resolution of issues. The institution has established all necessary statutory committees such as the Anti-Ragging Committee and Internal Complaint Committee to support both students and staff.

File Description	Document
Upload Additional information	View Document
Institutional perspective Plan and deployment documents on the website	View Document
Provide Link for Additional information	View Document

6.2.2

Institution implements e-governance in its operations

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 of each module reflecting the name of the HEI	View Document
Annual e-governance report approved by the Governing Council/ Board of Management/ Syndicate Policy document on e-governance	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3 Faculty Empowerment Strategies

6.3.1

The institution has performance appraisal system, effective welfare measures for teaching and non-teaching staff and avenues for career development/progression

Response:

The institution has implemented a range of initiatives to empower both teaching and non-teaching staff, prioritizing their welfare and professional growth. These strategies are outlined below:

For Teaching Staff:

- Introduction of an Academic Performance Indicator (API) system aimed at enhancing professional skills.
- Provision of financial assistance to support attendance and paper presentations at seminars and conferences.
- Allocation of staff quarters for accommodation.
- Offering research grants and fellowships for Ph.D. students.
- Establishment of a Staff Credit Society to provide financial support.
- Conducting faculty improvement programs to augment teaching abilities.
- Utilization of an appraisal system to evaluate teaching and learning effectiveness, including consideration of student feedback, assessment methods, research activities, and involvement in co-curricular and Extension activities.

For Non-Teaching Staff:

- Organizing computer skills training and workshops to enhance administrative leadership.
- Providing opportunities for earned leave encashment.
- Offering interest-free advances during emergencies.

- Assessment of work activities specific to their roles, along with evaluation of various job-related tasks and responsibilities.

The institution implements a Performance Appraisal System for both teaching and non-teaching staff, conducted annually by the Heads of Departments/Section Heads, aiming to assess staff performance based on role-specific criteria. This process utilizes tailored Appraisal Forms for each staff category, integrating qualitative and quantitative metrics. After completion, forms are endorsed by the respective Head of Department for teaching staff and reviewed by the IQAC Coordinator. Subsequently, the Principal conducts a final review, providing improvement suggestions where needed, with recognition and rewards for exemplary performance. Ultimately, this system serves as a pivotal tool for evaluating and enhancing the effectiveness and efficiency of all staff members within the institution.

Additionally, for students, the institution offers:

- Financial support for admission fees through the "Late Marutrao Ghule Patil Sports Scholarship" scheme for sports students.
- Separate hostel facilities for both male and female students.
- Canteen facilities within the HEI campus.
- Free health check-ups and primary healthcare services from the Public Health Center Bhende.
- Access to computers with internet connectivity free of charge.
- Flexibility in admission fee payments through installments.
- Financial aid provided through Students Welfare Schemes.
- Participation in the 'Earn and Learn' scheme.

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

6.3.2

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

Response: 30

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

2022-23	2021-22	2020-21	2019-20	2018-19
49	0	6	13	34

File Description	Document
Policy document on providing financial support to teachers	View Document
Institutional data in the prescribed format	View Document
Copy of letter/s indicating financial assistance to teachers and list of teachers receiving financial support year-wise under each head.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

6.3.3

Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

Response: 22.3

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development /administrative training programs during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
4	4	28	56	1

6.3.3.2 Number of non-teaching staff year wise during the last five years

2022-23	2021-22	2020-21	2019-20	2018-19
35	21	21	0	0

File Description	Document
Institutional data in the prescribed format	View Document
Copy of the certificates of the program attended by teachers.	View Document

6.4 Financial Management and Resource Mobilization

6.4.1

Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Funds received from a variety of funding agencies, including the UGC, SPPU, government bodies, and non-governmental organizations, are allocated according to their designated purposes. Utilization certificates are promptly submitted to facilitate the release of subsequent installments. Prior to the settlement of grants, the institute undergoes thorough auditing conducted by registered Chartered Accountants (C.A.). The settlement of accounts is overseen by the relevant governing agencies. Any inquiries regarding unutilized funds are addressed in the subsequent financial year. Internal financial audits are conducted quarterly by the HEI's accounting department, while external audits are performed annually by external auditors appointed by the educational society.

The institution has received funds from various sources, including the Soil and Water Testing Laboratory, Boys and Girls Hostels, sales of vermicompost, the Earn and Learn Scheme, Nirbhay Kanya Abhiyan, Alumni Association, grants from the State Marathi Language Development Organization, and the Government of Maharashtra for the promotion of Marathi Language. Additionally, revenue is generated through various career-oriented courses, such as Certificate Courses in Vermicompost, Computerized Financial Accounting with Tally, Computer Hardware Maintenance & Networking Technologies, Desktop Publishing, Digital Marketing, Programming through C language, Spoken English, Nursery Development, and MS-CIT courses affiliated with MKCL.

Regular auditing of accounts is conducted, including internal audits by auditors from the Shri Marutrao Ghule Patil Shikshan Sanstha. The Education Society has appointed H.M. Kale and Associates, Chartered Accountants (Regn No. FRN 119458W), Ahmednagar, to audit the HEI's accounts. This auditing team visits the HEI at least thrice annually to complete the auditing process. External audits are conducted by auditors from the Directorate of Higher Education and the Government of Maharashtra, following the schedule provided by the government.

Institutional strategies for mobilizing funds and optimizing resource utilization:

The HEI's budgetary resources encompass Plan grants (XI and XII plan development grants, as well as merged scheme grants) and non-plan grants received from various sources. These include the University Grants Commission, Salary Grants from the Government of Maharashtra, grants from the University of Pune for Quality Improvement Programs (QIP) such as seminars, conferences, workshops, and expert lecture series. Other sources of funding include grants from the University of Pune's Department of Student Welfare for implementing the Earn & Learn Scheme, N.S.S. grants, research project grants from entities like BCUD (University of Pune) and the University Grants Commission, grants from the Shri Marutrao Ghule Patil Shikshan Sanstha (for specific purposes), Examination Grants from the parent University, scholarships like EBC and BC scholarships from the Government of Maharashtra, as well as admission, tuition, and other fees collected from students.

Additionally, revenue is generated from admission and hostel fees from Boys and Girls Hostels, medical reimbursement grants, and other miscellaneous sources such as bank interest, fines, common dues, and

fees charged for certificates and prospectus sales.

File Description	Document
Upload Additional information	View Document
Provide 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. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

The Jijamata College of Science and Arts, Dnyaneshwarnagar, Bhende, has operated a fully functional **Internal Quality Assurance Cell (IQAC)** for the past decade. The IQAC has significantly contributed to institutionalizing quality assurance strategies and processes. It regularly reviews the teaching-learning process, operational structures and methodologies, and learning outcomes at periodic intervals. Additionally, it records incremental improvements in various activities.

An Internal Quality Assurance Cell (IQAC) may typically undertake:

- Reviewing the teaching-learning process to ensure effectiveness and alignment with educational objectives.
- Assessing the curriculum and updating it to meet current standards and requirements.
- Monitoring and evaluating the quality of faculty members' teaching methodologies and instructional materials.
- Conducting student feedback surveys to gather input on teaching quality and overall satisfaction.
- Organizing faculty development programs to enhance teaching skills and knowledge.
- Analyzing examination and assessment processes to ensure fairness, reliability, and validity.
- Collecting and analyzing data related to academic performance and student outcomes.
- Establishing benchmarks and performance indicators to measure institutional progress.
- Conducting internal audits or self-assessments to identify areas for improvement.
- Collaborating with external stakeholders, such as accrediting bodies or industry partners, to benchmark against best practices.
- Facilitating research activities and promoting a culture of scholarly inquiry among faculty and students.
- Implementing quality improvement initiatives based on feedback and data analysis.
- Ensuring compliance with regulatory requirements and accreditation standards.

- Developing and maintaining quality assurance policies, procedures, and documentation.
- Reporting on the outcomes of quality assurance activities to relevant stakeholders, such as management, faculty, students, and external agencies.

In the five years following its last accreditation, the HEI has implemented various quality improvement initiatives and made incremental advancements as per given in perspective plan:

1. Successfully applied for the additional division of M.Sc. Analytical Chemistry and submitted it to Savitribai Phule Pune University, Pune.
2. Applied for M.Sc. Computer, B.Sc. Zoology, and B.A. Politics, and submitted to Savitribai Phule Pune University, Pune.
3. Submitted proposals for financial support to the Department of Biotechnology, New Delhi, and University Grant Commission, New Delhi, for Bachelor of Vocational (B. Voc.).
4. Purchased equipment under the fund received from DST FIST scheme.
5. Submitted proposals for financial support to the PM-USHA Department of Higher Education, New Delhi, under the Strengthen HEI initiative.
6. Completed construction of 1 new chemistry laboratory on the second floor, computer laboratories on the first floor, and 8 classrooms and a research laboratory on the second floor.
7. Developed a rainwater harvesting system.
8. Constructed a new Historical Museum for the awareness of students, teachers, and society.
9. Erected a wall compound, chain-link fencing, and steel gate at the entrance from Botanical Garden to ITI Gate.
10. Appointed security guards from Mayur Enterprises Security Services, Aurangabad.
11. Purchased 7 computers for student and staff use.
12. Installed new Airtel Broadband connections to enhance facilities for online teaching.
13. Installed two new smart digital boards, 4 LCD projectors, and multimedia systems to enhance facilities for online teaching.
14. Provided E-content to students and the Departmental Library.
15. Introduced a modern admission policy using VRUDDHI software.

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

6.5.2

Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); quality improvement initiatives identified and implemented**
2. **Academic and Administrative Audit (AAA) and follow-up action taken**
3. **Collaborative quality initiatives with other institution(s)**

4. Participation in NIRF and other recognized rankings

5. Any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA etc.

Response: A. Any 4 or more of the above

File Description	Document
Quality audit reports/certificate as applicable and valid for the assessment period.	View Document
List of Collaborative quality initiatives with other institution(s) along with brochures and geo-tagged photos with caption and date.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document
Link to Minute of IQAC meetings, hosted on HEI website	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1

Institution has initiated the Gender Audit and measures for the promotion of gender equity during the last five years.

Describe the gender equity & sensitization in curricular and co-curricular activities, facilities for women on campus etc., within 500 words

Response:

As a co-educational institute, it is committed to fostering **gender equity** throughout its campus. To achieve this goal and raise awareness among students, the institution organizes a wide range of co-curricular and extracurricular activities facilitated by the Student Welfare Committee, Women Empowerment Cell, and N.S.S. These activities include personality development programs, self-defense training, and poster presentations, workshops on issues like female feticide, guest lectures, and counseling sessions. The Women Empowerment Cell develops an annual gender sensitization action plan, focusing on workshops, training programs, competitions, and expert talks covering topics such as women's rights, laws, security, health, and equal opportunities. The institution also celebrates International Women's Day, recognizing the contributions of women across various sectors and organizing competitions to promote gender equality among students.

During the **induction program**, the Principal emphasizes the importance of gender equity and encourages students to contribute to a healthy campus atmosphere. A well-structured mentoring system further supports this initiative, with mentors conducting counseling sessions to address gender discrimination and other related issues. Additionally, the institute arranges counseling sessions with gynecologists and physicians to raise awareness about health issues and provide support to students.

To ensure the **safety and security** of all individuals on campus, the institution has implemented various measures such as installing CCTV cameras, deploying adequate security personnel (including female watchmen), and providing health facilities. It has established anti-sexual harassment and anti-ragging committees to raise awareness and maintain a safe environment for women employees and students. Rules and regulations regarding conduct are prominently displayed on the college website. Separate common rooms are provided for girls, boys, and female staff, equipped with amenities like sanitary vending and disposal machines.

The institute's Ceremony and Cultural Committee organizes and celebrates national and international commemorative days, events, and festivals through motivational lectures, quizzes, and competitions. These include significant national occasions such as Independence Day, Republic Day, and Maharashtra Day, as well as the birth and death anniversaries of national leaders and freedom fighters, aiming to instill a sense of patriotism and honor the contributions of these individuals in nation-building. Additionally, constitution day and other relevant events are observed to promote civic awareness and appreciation for democratic principles.

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

7.1.2

The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures**
- 2. Management of the various types of degradable and nondegradable waste**
- 3. Water conservation**
- 4. Green campus initiatives**
- 5. Disabled-friendly, barrier free environment**

Response: A. 4 or All of the above

File Description	Document
Policy document on the green campus/plastic free campus.	View Document
Geo-tagged photographs/videos of the facilities.	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.3

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1. Green audit / Environment audit**
- 2. Energy audit**
- 3. Clean and green campus initiatives**
- 4. Beyond the campus environmental promotion activities**

Response: A. All of the above

File Description	Document
Report on Environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date	View Document
Policy document on environment and energy usage Certificate from the auditing agency	View Document
Provide Links for any other relevant document to support the claim (if any)	View Document

7.1.4

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

The HEI actively engages in a range of initiatives aimed at fostering inclusivity and unity among students and faculty from diverse backgrounds. Through celebrations honoring eminent personalities, observing national festivals, and participating in activities like the National Service Scheme (NSS), the institution promotes tolerance, harmony, and understanding across cultural, regional, linguistic, and socioeconomic diversities.

Each year, the HEI commemorates significant national events such as Republic Day and Independence Day, with full participation from teaching, non-teaching staff, and students. These occasions serve as platforms for inspiring speeches and collective reflection on the values of patriotism and national unity.

Specific initiatives include:

1. Harmony Week: During this event, a collection of Rs. 2000 was raised as a Flag Day fund and donated to the National Foundation for Communal Harmony, under the Ministry of Home Affairs.
2. Shiv Jayanti Din: Celebrated on February 19th, this day is dedicated to instilling the values of patriotism among the HEI community.
3. Blood Donation Camp: Held on December 30th, this camp raises awareness about students' roles and responsibilities in society.
4. International Yoga Day: Celebrated on June 21st, this day promotes awareness about fitness and various physical activities among students and faculty.
5. Sardar Vallabhbhai Patel Birth Anniversary: Recognized on October 10th as Unity Day, emphasizing national unity and solidarity.
6. Mahatma Gandhi Birth Anniversary: Celebrated on October 2nd as Cleaning Day, wherein the HEI campus and bus stand areas are cleaned to promote cleanliness in students' lives.

In its mission to nurture morally responsible youth, the HEI organizes various activities to promote

ethical, cultural, and spiritual values among students and staff. Commemorative days, cultural and regional festivals, religious rituals, and motivational lectures contribute to fostering a sense of unity, social harmony, and responsibility.

Faculty and staff actively participate in these celebrations, including New Year's Day, Fresher Party, Teacher's Day, orientation and farewell programs, induction ceremonies, rallies, oaths, and plantation drives. Additionally, religious rituals and festivals such as Ganpati Mahotsav are observed on campus.

Motivational lectures by eminent personalities are arranged to facilitate students' all-round personality development and instill in them a sense of responsibility as citizens committed to social and communal harmony and national integration.

Besides academic and cultural pursuits, the HEI has established robust sports infrastructure to promote physical fitness among students. These efforts collectively contribute to the institution's goal of fostering a generation of socially aware and responsible citizens.

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

Activity 1: Activities related to sports, games and physical fitness.

Objectives

- The primary objectives of sports games and physical fitness is to promote overall health and well-being.
- Help maintain a healthy weight, reduces the risk of chronic diseases, diabetes, and obesity, reduce stress, anxiety, and depression, improve cardiovascular endurance, muscular strength, flexibility, agility and overall quality of life.
- Provide opportunities to build social relationships and community building.
- Develop skills for academics and professional endeavors including hand-eye coordination, motor skills, strategic thinking, decision-making abilities, communication, cooperation, and leadership.
- Provide opportunities for recruitment in police and defense services.
- Provides opportunity to compete at various levels, from university to national and international events.

Evidence of Success

Many students have become successful in the sport of Kabaddi and are exhibiting the sport at the state and national levels.

- Shri Shankar Gadai, Shri Ram Adhagale, Shri Rahul Dhanwate and Shri Rahul Khatik have played for Maharashtra State Men's Kabaddi Association at national level.
- Shri Patare Shivam Anil has won Bronze medal Khelo India National Game in Kabaddi.
- Our students Shankar Gadai, Rahul Khatik and Dhanwade Rahul played in professional Pro-Kabaddi Tournament.
- Shri Ram Adhagale has played for State Bank of India.
- Fulmali Mahesh Sahebrao has participated in National Game in Wrestling at Rohatak Haryana
- There is an excellent placement record of students participating in sports events for institution at various levels.

Activity 2: Green Campus

Objectives

- Implementing measures to reduce carbon Footprint by using solar power.
- Encouraging the efficient use of resources such as water, electricity and paper.
- Implementing waste reduction, recycling, and composting programs.
- Incorporating green spaces, sustainable landscaping, and rainwater management systems to enhance biodiversity.
- Promoting environmental literacy and awareness among students, faculty, and staff.
- Promote use of E-vehicle.
- Increase use of energy efficient lighting such as LED bulbs, LED monitors in place of CRT, windows for natural sunlight and ventilation etc.
- Spread importance of medicinal plants.
- Creating a campus environment that supports the health and well-being by opportunities for physical activity.

Evidence of Success

1. **Green Campus:** The campus demonstrates a thriving green environment with lush vegetation and sustainable landscaping practices.
2. **Botanical Garden:** The presence of a well-facilitated botanical garden showcases a diverse collection of plant species, including rare and endangered varieties.
3. **Cactus House:** The establishment of a dedicated Cactus House highlights the institution's commitment to conserving and showcasing various species of cacti.
4. **Landscaping around the Main Building:** The landscaping efforts surrounding the main building enhance the aesthetic appeal and environmental sustainability of the campus.
5. **Vermicomposting Unit:** The implementation of a vermicomposting unit indicates a proactive approach towards organic waste management and compost production.
6. **Green Audit:** Regular green audits demonstrate the institution's commitment to assessing and improving its environmental sustainability practices.
7. **Energy Audit:** Routine energy audits help identify areas for energy efficiency improvements and contribute to reducing overall energy consumption.

8. **Environment Audit:** The institution conducts regular environmental audits to evaluate its impact on the surrounding ecosystem and identify opportunities for conservation.
9. **Solar Water Heater:** The installation of solar water heaters reduces reliance on conventional energy sources and contributes to cost savings and sustainability.
10. **Solar Panel of 80 kVA Capacity:** The deployment of solar panels with a capacity of 80 kVA demonstrates a significant investment in renewable energy generation and carbon footprint reduction.
11. **Rainwater Harvesting:** The implementation of rainwater harvesting systems helps conserve water resources and reduce reliance on external water sources.
12. **Water Management System:** The institution's water management system enhances water efficiency and sustainability through measures such as drip irrigation and rainwater collection.

File Description	Document
Best practices as hosted on the Institutional website	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:

The institution's performance in one of its distinctive areas lies in its research activities. Faculty members have a significant number of research publications, authored textbooks and reference materials, completed research projects, obtained patents, and attained Ph.D. degrees. Additionally, several faculty members serve as research guides for students who have either completed or pursuing M.Phil / Ph.D. degrees. Furthermore, some faculty members are also pursuing Ph.D. degrees themselves.

The institution is well-equipped with the necessary research instruments, which are utilized by both faculty members and research students from within the institution as well as from other institutions. A substantial amount of funding, amounting to 120 Lakhs, has been received from various funding agencies for the purchase of instruments and books.

The institution's soil and water testing laboratory plays a crucial role in fostering a research-oriented culture among students. Moreover, the institution's library boasts a vast collection of books and journals that are invaluable resources for reference work, facilitating the conduct of research activities

Research Papers:

Faculties across various departments of the HEI have presented research papers in various seminars and conferences and published their research papers within their respective fields in reputed / peer reviewed / UGC approved and recognized journals. Over the accreditation period a total of 227 research papers were

published in reputed journals.

One notable achievement is the publication of a research paper by Dr. Navgire M. E. in the Chemical Engineering Journal, which has a high impact factor of 15.1. The research papers authored by Dr. Navgire M. E. have received a total of 422 citations, with an h-index of 12 and an i10-index of 13.

Books:

During the assessment period, faculty members of the HEI have collectively published a total of 92 books, either individually or as editors. These publications include fifteen books in 2019, thirty four in 2020, sixteen in 2021, and twenty seven in 2022. Notably, among these publications are two volumes of an edited book titled "Dnyaneshwari Darshan" by Prof. Dr. Shirish Landge Patil, which was published by the Government of Maharashtra, Maharashtra Rajya Sahitya ani Sanskruti Mandal Mumbai.

Apart from this every year the HEI publishes "Dyanstambh" a yearly magazine with contribution of students and faculty literature.

Patents:

Over the course of assessment period, the HEI has acquired a total of five patents. Dr. Lande K. A. Dr. Takte B. D. and Dr. Shaikh obtained these patents for their research in the fields of Geography, Botany and Chemistry, respectively.

Ph.D.:

The current count of Ph.D. faculty in the HEI is 26. Additionally, the Ph.D. work of fifteen faculty members is currently in progress.

Guidance:

Twelve Faculties in the HEI are recognized guides for Ph.D. candidates. Among them, Prof. Dr. Shirish Landge, specializing in Marathi, has overseen the awarding of Ph.D. degrees to four students, with four more currently working towards their Ph.D. under his guidance and Dr. Sanjay Darwade currently guiding six student in Marathi. In Chemistry, four students each are working on their Ph.D. research under Dr. Ramesh Naval and Dr. Madhukar Navgire.

In the Hindi department Dr. Sanjay Maher and Dr. Sharad Kolte are guiding four and three students respectively. Dr. Sambhaji Tanpure is overseeing four students in the Political Science department and Dr. Narayan Maske guides three students in History. Dr. Arle Ramdas is supervising the research of three students in Physics. Dr. Ramkisan Saswade has already guided one student who complete their Ph.D. and another student is currently pursuing their Ph.D. in Botany. Dr. Kale S. B. overseeing the research of four students in Economics and under whose guidance, six students have earned their Ph.D. and ten earned M.Phil degrees.

Research Instruments

The HEI has a good number of instruments useful to carry out research experiments. It has received funds from various funding agencies for procurement of these instruments. In the Physics department,

there are instruments like Spray Pyrolysis, Susceptibility measuring instrument, Magnetization measuring Instrument, Hall Effect, Four probe resistivity, Muffle furnace, and Zeeman Effect. The Chemistry department has its own research lab with instruments such as FTIR, Atomic absorption spectrometer, Double Beam spectrophotometer, HPLC, Gas chromatography, Potentiostat, and Muffle furnace. In the Botany department, there are tools like Cooling Centrifuge, Research Binocular Microscope, Laminar Airflow, Vertical Autoclave, Electrophoresis, BOD Incubator, and Tissue culture Rack. Similarly, the Zoology department has a Research Binocular Microscope.

The Library

The library boasts a diverse array of reading materials, including reference books, anthologies, CDs, DVDs, cassettes, journals, periodicals, newspapers, e-books, and e-journals. The library's institutional membership in the N-List Inflibnet consortia provides access to 6,000 e-journals and 3,135,000 e-books, while since March 2023, readers also benefit from access to the Delnet database.

Student Activity

Students at the institution have been actively involved in the Avishkar competition organized by SPP University. Additionally, similar competitions are held at the institutional level. Projects are integrated into the curriculum for certain practical courses at both undergraduate and postgraduate levels.

Archaeology and Cultural Museum

The institution has established an Archaeology and Cultural Museum with the aim of fostering a culture of research among both students and faculty members. This museum boasts a diverse collection of stone artifacts, some of which have an impressive antiquity of up to 3000 years. Among these artifacts are notable pieces from the Satavahana period, which date back to the second century BC.

Vermicomposting

The zoology department has developed vermicomposting unit which has encouraged students of in the department to engage in project work and cultivate research culture among them.

File Description	Document
Appropriate web in the Institutional website	View Document

5. CONCLUSION

Additional Information :

The HEI has signed MoU with Maharashtra State Higher and Technical Education and Maharashtra Information Technology Support Center, Mumbai, Career guidance center named '*Career Katta*'. Through this, students are made aware about various competitive examinations, provided 50+ add-on courses, online talk of experts, placement opportunities, etc. during their education.

Plan of action for future:-

1. Implementation of National Education Policy (NEP) 2020
2. Appoint new faculty as per vacancies and workload.
3. Striving for inclusivity and accessibility in HEIs, which encompasses providing scholarships and financial assistance to underprivileged and marginalized students, alongside enhancing facilities and resources for students with disabilities.
4. Apply for research center of Chemistry, Botany, Marathi and Economics affiliated with Savitribai Phule Pune University, Pune
5. Apply to start the post gradation in physics, Zoology, English and Commerce gradation in Psychology.
6. To start skill based courses which will be helpful for students to start business.
7. Establishment of a Language Laboratory.
8. To start foreign language courses like German and French.
9. To submit proposals for financial support to various governmental and non-governmental funding agencies.
10. Organize conference, seminar and workshop with grants from UGC and University.
11. Encourage teachers for research activities like publishing research papers, apply for the research project, seminar and workshop and participate in conferences.
12. To construct new classrooms and laboratories according to the need.
13. To construct a new central library with advanced learning features for staff and students.
14. To construct separate parking stands for girls and boys.
15. To construct a swimming pool, Basketball court and running line track with light facility.
16. To construct a botanical museum, tissue culture laboratory, strengthen the botanical garden with conservative strategies for endangered and endemic plant species.
17. To develop placement cells and competitive examination guidance cells.
18. To sign more active MoUs with academic institutes, research organization, sport association and Industries.

Concluding Remarks :

Jijamata College of Science and Arts has formulated various policies with the primary objective of implementing various services for excellence, efficiency, transparency and accountability. These policies are intended to be applicable to various departmental activities. These include, E-Governance, Scholarships and Free ships, Disabled Friendly & Barrier Free Environment, Grievance Redressal, Environment Policy Research Promotion, Code of Conduct Resource Mobilization and Maintaining Physical, Academic and Infrastructure Facilities etc.

HEI, with a legacy of more than 30 years in co-education, follows gender equality as a core value. Each year the HEI hosts programs promoting gender equity, focusing on women's empowerment and self-protection.

Furthermore, the institution emphasizes the adoption of alternative energy sources, installation of solar water plants in Women's Hostels, and the use of LED bulbs across the campus. The institution has installed an 80kVA on grid solar power unit to increase use of renewable energy with the help of CER fund. A commitment to environmental sustainability is a key aspect of HEI's. Initiatives to maintain a clean and green campus include encouraging the use of bicycles and limiting public transport access within the campus.

Rigorous waste management procedures ensure proper handling of hazardous wastes from chemistry labs, as well as paper, plastic, e-waste, and bio-waste. Annual Green, Energy and Environmental Audit are conducted and a comprehensive report of plants in the campus is prepared. Vermicomposting unit diverts organic waste, such as food scraps, paper, leaf fallings and yard trimmings, from landfills. By diverting organic waste to vermicomposting systems, methane emissions are reduced, thus mitigating climate change. It is taking efforts in water-saving measures such as use of a drip -irrigation system plants and lawn.

The HEI is taking a proactive approach to promote sports and physical fitness among students. By integrating sports education alongside academics, students are encouraged to develop an interest in sports. Regular guidance and awareness sessions highlight the importance of sports, emphasizing both the physical and career benefits. This resulted in selection of three students to the Pro-Kabaddi League Tournaments and they played for the renowned teams at national level.