

Annual Quality Assurance Report (AQAR)

By
Internal Quality Assurance Cell (IQAC)

of

Jijamata College of Science and Arts,

Dnyaneshwarnagar, Bhende Bk, Tal: Newasa,

Dist: Ahmednagar, 414605

Track ID:- EC (SC)/30MHCOGM10658

(NAAC Re-Accredited 'B+' Grade with CGPA 2.72)

Year 2018-19

The Annual Quality Assurance Report (AQAR) of the IQAC

AQAR for the Year: 2018-19

(July 1, 2018 to June 30, 2019)

PART – A

1. Details of the Institution		
1.	Name of the Institution	Jijamata College of Science and Arts
	Name of the Head of the Institution:	Dr. B. J. Apparao
	Designation	Principal
	Does the institution function from own campus:	Yes
	Tel. No. with STD Code:	02427-255304
	Mobile:	9890560776
	Institution e-mail address	principal.jijamatacollege@gmail.com
	Address	At. Post- Bhende Bk, Tal- Newasa, Dist - Ahmednagar
	City/Town	Bhende B k
	State	Maharashtra.
	PIN Code	414 605
2.	Institutional Status:	
	Affiliated / Constituent:	Affiliated
	Type of Institution: Co-education/Men/Women	Co-education
	Location : Rural/Semi-urban/Urban:	Rural
	Financial Status: Grants-in aid/ UGC 2f and 12 (B)/ Self financing (please specify)	Grants-in aid by Government of Maharashtra Recognised by UGC under 2F and 12(B)
	Name of the Affiliating University:	Savitribai Phule Pune University, Pune
	Name of the IQAC Co-ordinator:	Dr. Navgire Madhukar Eknath
	Mobile:	09960914495
	IQAC e-mail address:	principal.jijamatacollege@gmail.com
	3.	Website address:
Web-link of the AQAR:		http://jijamatacollegebhende.com/IQAC/2018-2023/Reports.html
4.	Whether Academic Calendar prepared during the year? Yes/No	Yes
	if yes, whether it is uploaded in the Institutional website:	

5. Accreditation Details

Sr. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	72.00 Institutional Score	2004	08/01/2004 to 07/01/2009
2	2 nd Cycle	A	3.01	2011	30/11/2011 to 29/11/2016
3	3 rd Cycle	B +	2.72	2018	03/07/2018 to 02/07/2023

6.	Date of Establishment of IQAC:	DD/MM/YYYY	18/07/2005
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7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants /beneficiaries
Submission of AISHE report	22/02/2019	25
College Development Committee (CDC)	17/09/2018	25
Academic Administrative Audit (AAA)	29/08/2019	75
Science Exhibition and competition	21/02/2019 to 22/02/2019	50
State level Conference in languages	12/02/2019 to 13/02/2019	60

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

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Jijamata College of Science and Arts	DST-FIST	Department Science and Technology, New Delhi	Year 2014 Duration From 2015-16 to 2019-20	70,00,000/-

9.	Whether composition of IQAC as per latest NAAC guidelines: Yes/No:	Yes
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10.	No. of IQAC meetings held during the year:	02 14/7/2018 29/4/2019
	The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website : Yes/ No	Yes

11.	Whether IQAC received funding from any of the funding agency to support its activities during the year?	No
	If yes, mention the amount: Rs.	Year

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

- Suggested starting of M.Sc. Analytical Chemistry second Division and B.A. Politics at special level to cater to the increased demand of student for these subjects.
- Suggested construction of more classrooms.
- Suggested to organize conferences and seminar in different subjects.
- Suggested to arrange lectures of external experts in different subjects for students and staff.
- Motivated the students to participate at various levels in sports and games events, debates, elocution, CHEMIAD, cultural activities, etc.

13. Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
1. Pursuing DSTFIST grants.	1. Equipments purchased under the fund received from DSTFIST scheme.
2. Encourage teachers to do research and publish research papers and apply for research project with funding from BCUD, UGC etc.,	2. Published 29 research papers in various journals and conference proceedings. Two minor research projects are in progress with grants from WRO UGC, New Delhi.
3. Appoint new faculty in place of those who have left and as required by according to the workload.	3. Six new teaching faculty were appointed during the current academic year.
4. Purchase new computers to fulfil demand of students and staff.	4. Four computers purchased by the institution.
5. Organize conference, seminar and workshop with grants from UGC and BCUD	5. Arranged one state level conference by Department of English funded by BOD, SPPU, Pune
6. Organise science exhibition competition to promote innovation among students	6. Science exhibition competition was successfully organised for students.
7. Encourage student participation in different events in and outside the college.	7. Number of students participated in various level of sports and games events, debates, elocution, Avishkar, etc. competitions and won prizes. Arranged educational and excursion tours for the Students
8. Apply for additional division of M.Sc. Analytical Chemistry	8. Applied for additional division of M.Sc. Analytical Chemistry
http://jijamatacollegebhende.com/IQAC/2018-2023/Minutes%20&%20ATR.html	

14.	Whether the AQAR was placed before statutory body? Yes /No:	Yes
	Name of the Statutory body : College Development Committee (CDC) Date of meeting(s): 16/09/2019 6 http://jijamatacollegebhende.com/IQAC/2018-2023/IQAC.html	

	The AQAR of year 2018-19 was placed before the Management of the institution. The Management body and College Development Committee (CDC) have suggested improvements in Teaching and learning activities, research and various academic and co-curricular programs. The suggestions given by them are implemented by IQAC and college in respect with various programs for teachers and students.
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15.	Whether NAAC /or any other accredited body(s) visited IQAC or interacted with it to assess the functioning? : Yes/ No	Yes AAA Team Visited on 29/08/2019
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16.	Whether institutional data submitted to AISHE: :Yes/ No	Yes Year: 2018-19 Date of Submission: 22/02/2019
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17.	Does the Institution have Management Information System? : Yes / No	Yes
	Yes. We have established Management Information System (MIS) Cell. We update latest information and data on the college website. MIS monitored ICT activities are run in the college. • The MIS of the institution integrates all the levels with VRIDDHI software. The admissions process and other student data are paperless. • The accounts and administrative work of college and employee salary is maintained by TALLY ERP 9 and Silicon e-solution software respectively. • All faculty attendance data: The institution keeps the record of the Faculty attendance by Biometric Finger Printing System which stores the data in an MS Access Data Base. • Library Data: The institution is using a latest Library package named VRIDDHI for keeping the Library data which can be accessed by all the stake holders of the institution.	

Part – B

Criterion I

CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

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

The college adopts the following measures.

Academic Calendar and separate Examination calendar of the institution was prepared before the commencement of the academic year. The copies of these were circulated among all the stake holders.

The Heads of each department had meeting of its staff wherein work distribution for the academic year was discussed. Faculty members then prepared Semester-wise/ Term wise Teaching Plan accordingly. The faculty in-charge of different faculties coordinated and prepared Time Table for the smooth conduct of teaching and learning activity and effective delivery of curriculum. The Principal and Heads of the Departments monitored the regular teaching and learning process. The progress of the syllabus was ensured by taking midterm review and proper planning of extra lectures, if required was done. The syllabus completion report was collected at end of the term.

The Librarian collected requirement of new reference books, Journals (National and International), e-journals, ICT facilities, Audio-Visual facilities, and teaching aids such as maps, charts, globes, classwork materials and procured them according to budget and priority of same. The Store In-charge collected requirement of specimens, skeletons as well as equipment and consumable materials as per their need and procured them according to budget and priority of same.

Curriculum delivery was further made effective by organizing lectures of eminent personalities and researchers from premier educational institutions. Faculty was readily available to the students to have face to face dialogue and clear their doubts. Educational tours were organized for the students.

Assessment of quality of curriculum delivery was done by conducting periodic tests, seminars and giving assignments to students. Co-curricular activities like Quizzing, Debating, exhibitions, etc. was organized. Students get ample time to use the library, and are encouraged to take part in extra-curricular activities and even pursue add-on courses.

The college has signed memorandum of understanding with other several academic and industrial partners. Under this, undergraduate and postgraduate students of science faculty were

provided with hands-on-training in industries by Industrial experts. Students were encouraged to attend seminars, workshops and lectures organized by the respective departments related to their subject as well as in inter disciplinary areas. Practical manuals were designed for reference of the students and effective conduct of practical sessions. The Students were made aware of the curriculum through practical experience. Group Activities - Academic and Industrial Linkage benefited the students.

The faculty members have enriched themselves by participating in Orientation, Refresher and short term Courses. The faculty members have participated in seminars, conferences and workshops and have upgraded their knowledge in concerned fields. The faculty has even worked as resource persons in national seminars, conferences and workshops organized elsewhere. Faculty members have published their research paper in reputed journals and write-ups in specific areas in the Print Media.

1.1.2: Certificate/ Diploma Courses introduced during the Academic year

Name Of The Certificate Course	Name Of The Diploma Courses	Date Of Introduction And Duration	Focus On Employability/ Entrepreneurship	Skill Development
Writing Skill	-	21/01/2019 to 28/01/2019		Language skills in Marathi, English and Hindi

1.2 Academic Flexibility

1.2.1 New programmes /courses introduced during the Academic year

Programme with Code	Date of Introduction	Course with Code	Date of Introduction
Nil			

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

Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Master of Arts Marathi	-	CBCS	Adopted from Academic Year 2013-14		
Master of Arts Economics	-	CBCS	Adopted from Academic Year 2013-14		
Master of Science Analytical Chemistry	-	CBCS	Adopted from Academic Year 2013-14		

Master of Science Botany	-	CBCS	Adopted from Academic Year 2016-17		
Bachelor of Science Chemistry	Elective Course	-	Adopted from Academic Year 1994-95		
Bachelor of Science Physics	Elective Course	-	Adopted from Academic Year 1994-95		
Bachelor of Science Mathematics	Elective Course	-	Adopted from Academic Year 2012-13		
Bachelor of Arts Geography	Elective Course	-	Adopted from Academic Year 2012-13		

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

	Certificate	Diploma Courses	Advanced Diploma Courses
Computer Awareness	119	39	32
MS-CIT	30	0	0
Spoken English	42	0	0
Writing Skill	31	0	0
No of Students	222	39	32

1.2 Curriculum Enrichment

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

Value added courses	Date of introduction	No. of students enrolled
Skill Based For M.Sc. II (Chromatographic Techniques)	At the start of Academic year 2018-19; date: 01/07/2018	24
Skill Based For M.Sc. II (Introduction to Applications of Plant Biotechnology)	At the start of Academic year 2018-19; date: 01/07/2018	20
Skill Based For M.A. Economics and Marathi (Desk Top Publishing D.T.P.)	At the start of Academic year 2018-19; date: 01/07/2018	39
Human Rights	At the start of Academic year 2018-19; date: 01/07/2018	84
Cyber Security / Information Security	At the start of Academic year 2018-19; date: 01/07/2018	167

1.3.2 Field Projects / Internships under taken during the year

Project/Programme Title	No. of students enrolled for Field Projects / Internships
MSc Analytical Chemistry	02

1.4 Feedback System**1.4.1 Whether structured feedback received from all the stakeholders.**

1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents
Yes	Yes	Yes	Yes	Yes

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

Action Taken Report (ATR) on Feedback: Our college has carried out the process of taking feedback from different stakeholders. Their suggestions and feedback were welcomed and taken into consideration by the College. Some ways through which the College solicits stakeholder perception are:

- **Students:** Teacher's evaluation was done by students at the end of the academic year. This evaluation was done on different parameters. The purpose of this evaluation was to take students feedback on the strong and weak areas of the teacher and to suggest changes or alteration in their teaching methodology. Suggestion Boxes were placed in prominent places in the College premise where students communicated their suggestions.
- **Parents:** Feedback from some parents was collected and analysed. Their suggestion helped in improving the overall activities of the institution.
- **Teachers:** Regular Staff meetings and Departmental Meetings are chaired by the Principal in which the staff discusses various issues related to students, extension activities and examination.
- **Alumni:** The College sought feedback from its alumni. Their information, guidance and suggestions helped to improve the quality of education and facilities.
- **Employer:** The College has collected the feedback forms from some of the employers.

Criterion II
TEACHING-LEARNING AND EVALUATION

2.1 Student Enrolment and Profile

2.1. 1 Demand Ratio during the year

Name of the Programme	Number of seats available	Number of applications received	Students Enrolled
Bachelor in Science	720	688	575
Bachelor in Arts	720	392	348
Master in Arts	240	85	75
Master in Science	96	112	92
Bachelor in Science Computer Science	180	95	81
Bachelor in Commerce	360	315	232
Total Students Strength	2316	1687	1403

2.2 Catering to Student Diversity

2.2.1. Student - Full time teacher ratio (current year data for 2018-19)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018-19	1235	167	53	14	67

2.3 Teaching - Learning Process

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

Number of teachers on roll	Number of teachers using ICT (LMS, e-Resources)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
67	67	252	4	1	Mobile learning, Colour Chart, Virtual Classroom, Educational games, Language learning tools, Educational video channels, Documents, Office suites, Website building and design. Internet, E-book, E- lab, Power point presentation, LCD Projector, TV Monitor, Smart Boards, e-PG Pathshala, Infilbnet.

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

In the beginning of the academic year, a welcome function was organized for new students. On this occasion the students were introduced to the college faculty and other support staff. They were informed about the examination and evaluation system, additional courses, as well as educational rules, infrastructure and facilities available.

Advanced as well as slow learners were identified on the basis of communication skills and answering abilities exhibited by the students in regular classes as well as their performance in the tutorials and internal tests, conducted by teachers of the respective classes, in the beginning of each term / year. Marks obtained in the previous qualifying year were also taken into account for making discussion. The identified advanced learners' were given special treatment by the respective teachers. They were given additional tasks like taking seminars, making him/her as leader in group discussions, asking to participate in seminars, workshops and conferences organized by other colleges, take part in competitions such as Avishkar, debate, elocution, essay writing, assist in major and minor research projects of the teachers etc.

They were provided with advanced reading resources to cope with their hunger to gain additional knowledge. Periodicals and research journals are made available to them. Meritorious students were felicitated to motivate them. Lectures by eminent speakers, subject experts, scientists, writers, civil servants etc. are organized for them.

For the identified slow learners' teachers conducted extra lectures. Faculty members are

available in the college for consultation during college hours. Students were allowed to clarify their doubts during and after teaching hours. The teachers made use of teaching aids such as charts, models, graphs, audio-visuals etc. to facilitate the learning experience of the slow learners. Experimental learning was also adopted for them.

Teachers were encouraged to extend necessary assistance to slow learners. Meritorious, advanced learners were encouraged to help the slow learners from the same class. The institution also extends the facility of free lending of books to all its students.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
1403	67	21 : 1

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph. D.
67	67	0	10	19

2.4.2 Honours and recognitions received by teachers

(Received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018-19	Dr Landage Patil S R	Associate Professor	Chairman, BOS in Marathi, SPPU, Pune
2018-19	Dr Landage Patil S R	Associate Professor	Member, Academic Council, SPPU, Pune
2018-19	Dr Landage Patil S R	Associate Professor	Member, Research and Recognition Committee in Marathi, SPPU, Pune
2018-19	Dr Landage Patil S R	Associate Professor	Member, 48/3, Committee in Marathi, SPPU, Pune
2018-19	Dr Landage Patil S R	Associate Professor	Member, Faculty in Humanity, SPPU, Pune
2018-19	Dr Kale S B	Assistant Professor	Member, BOS in Economics, SPPU, Pune
2018-19	Dr Landage Patil S R	Associate Professor	Notable Book in Marathi, Maharashtra Sahitya Parishad, Pune

2.5 Evaluation Process and Reforms

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

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year- end examination	Date of declaration of results of semester-end/ year- end examination
Bachelor in Science	B. Sc.	Semester	02/05/2019	28/06/2019
Bachelor in Arts	B A.	Year	10/04/2019	19/06/2019
Master in Arts Marathi and Economics	M. A.	Semester	13/05/2019	06/07/2019
Master in Science Botany	M. Sc.	Semester	13/05/2019	08/07/2019
Master in Science Analytical Chemistry	M. Sc.	Semester	19/05/2019	11/07/2019
Bachelor in Science Computer Science	B. Sc. Computer	Semester	05/04/2019	04/06/2019
Bachelor in Commerce	B. Com.	Year	29/03/2019	07/06/2019

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

Continuous Internal Evaluation (CIE) of the students was carried out as per the regulations and norms of the SPPU Pune. In consultation with the Principal, College Examination Officer (CEO) prepared the schedule of the internal assessment for the academic year. The schedule contained the dates of the internal test, Semester Examinations. The schedule was circulated among the faculty members and the same notified to the students on the notice board and the announcement was also made in the class rooms. The total internal marks awarded to the students in any subject was a combination of specific allocations for performance in the internal written examinations conducted by the college, Assignments and presentations submitted /done before due dates and bonus marks for attendance.

- Presentation: Presentation helped to evaluate the student's depth of understanding and ability to communicate.
- Knowledge and skills into practice.
- Project Work: It enabled analytical and reasoning ability of the students; made them think big.
- Viva-Voce: This helps to evaluate grasp of the fundamentals of the subject.
- Seminar: Seminar enabled to evaluate the student ability to comprehend a broad topic in a shorter form and to generate discussion.
- Industry Visit: Industry visit helped to evaluate the power of observation and skills in report writing.

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

This College is affiliated to Savitribai Phule Pune University and has to adhere to the academic calendar published by the University. At the beginning of each academic year, faculty meetings was held in common meeting hall and an academic program (based on the academic calendar of the university) for the year /semester was prepared in consultation with the various departments and examination department of the college.

Group discussion, debates and seminars were conducted in both UG and PG classes in which students present papers. At present the college has a teacher-centered-pedagogy in graduate level. In PG level we have shifted to student-centered-pedagogy with the active participation of students in project works, field trips, seminars and discussions

2.6 Student Performance and Learning Outcomes

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

Most of the programs offered by the institution are traditional UG and PG programs designed by the the Savitribai Phule Pune University, Pune. Therefore the program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website Savitribai Phule Pune University in the syllabus link. The institution also stated and displayed the same on its website and communicates to its teachers and students at the beginning of the academic year.

The teachers were well equipped with the program outcomes, program specific outcomes and course outcomes of their respective course and communicated the same to the students during their regular teaching learning activity. The students were also made aware of the program outcomes by the admission committee when the approached them for guidance and admission to the program offered by the institution.

web link :- <http://jijamatacollegebhende.com/Departments/Outcomes/outcomes.html>

2.6.2 Pass percentage of students

Program Code	Programme name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage
	T. Y. B. Sc.	165	120	73
	T. Y. B. A.	59	31	53
	T. Y. B. Sc. Computer	20	14	70
	T. Y. B. Com.	47	25	53
	M. Sc. Chem.	24	24	100
	M. A. Marathi	15	15	100
	M. A. Eco.	22	20	91
	M. Sc. Botany	20	18	90
	Total Students	372	267	72

2.7 Student Satisfaction Survey

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

A student satisfaction survey on overall performance of institution as well as Teachers was done at the end of the year. This evaluation was done on different parameters. The purpose of this evaluation was to take students feedback on the strong and weak areas of the institution and teachers and to suggest changes or alteration in their teaching methodology. Suggestion Boxes are placed in prominent places in the College premise where students can communicate their suggestions.

web link :- <http://www.jijamatacollegebhende.com/index.html#>

Criterion III**RESEARCH, INNOVATIONS AND EXTENSION****3.1 Resource Mobilization for Research****3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations**

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects	-	-	Nil	Nil
Minor Projects	2 Years	WRO, Pune UGC New Delhi	5,00,000/-	3,92,000/-
Interdisciplinary Projects	-	-	Nil	Nil
Industry sponsored Projects	-	-	Nil	Nil
Projects sponsored by the University/ College	-	-	Nil	Nil
Students Research Projects (other than compulsory by the College)	-	-	Nil	Nil
International Projects	-	-	Nil	Nil
Any other(Specify)	-	-	Nil	Nil
Total			5,00,000/-	3,92,000/-

3.2 Innovation Ecosystem**3.2.1 Workshops /Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year**

Title of Workshop /Seminar	Name of the Dept.	Date(s)
Nil		

3.2.2 Awards for Innovation won by Institution /Teachers /Research scholars /Students during the year

Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Best Teacher Award	Dr. Landage Patil S. R.	Rashtriya Bandhuta Sahitya Parishad	15/09/2018	Academic award
Notable Book Publication श्री ज्ञानेश्वरदर्शन ग्रंथ पुनर्प्रकाशन	Dr. Landage Patil S. R.	Maharashtra Rajya Sahitya Sanskriti Mandal, Mumbai	22/07/2018	Literature

3.2.3 Number of Incubation centre created, start-ups incubated on campus during the year

Incubation Centre	Name	Sponsored by
Nil		

Name of the Start-up	Nature of Start-up	Date of commencement
Nil		

3.3 Research Publications and Awards**3.3.1 Incentive to the teachers who receive recognition /awards**

State	National	International
01	-	-

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

Name of the Department	No. of Ph. Ds Awarded
Economics	02

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

	Department	No. of Publication	Average Impact Factor, if any
National	Botany	-	-
International		6	1
National	Hindi	-	-
International		6	0
National	Chemistry	-	-
International		3	3.91
National	Physics	-	-
International		6	1
National	Marathi	2	
International		2	
National	Economic	0	
International		5	
National	English	0	

International		1	
National	Geography	0	
International		1	
National	Politics	0	
International		1	
National	Library	1	
International		3	

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

Department	No. of publication
Physics	01
Marathi	05

3.3.5 Bibliometric of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index

Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self-citations
Highly efficient heterogeneous Fenton activities of magnetic β -cyclodextrin (Fe) framework for Eriochrome black T degradation	A Gogoi, M Navgire, KC Sarma, P Gogoi	Materials Chemistry and Physics	2019		Jijamata College of Science and Arts, Bhende	
Synthesis and characterization of β -cyclodextrin coated Fe ₃ O ₄ /carbon nanocomposite for adsorption of tea catechin from aqueous solutions	A Gogoi, M Navgire, KC Sarma, P Gogoi	Indian Journal of Chemical Technology (IJCT)	2018		Jijamata College of Science and Arts, Bhende	

3.3.6 h-index of the Institutional Publications during the year. (Based on Scopus/ Web of Science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self-citations	Institutional affiliation as mentioned in the publication
Fe ₃ O ₄ CeO ₂ metal oxide nanocomposite as a Fentonlike heterogeneous catalyst for degradation of catechol	A Gogoi, M Navgire, KC Sarma, P Gogoi	Chemical Engineering Journal	2018	1	44	Jijamata College of Science and Arts, Bhende

3.3.7 Faculty participation in Seminars / Conferences and Symposia during the year:

No. of Faculty	International level	National level	State level	Local
Attended Seminars/ Workshops	0	4	3	3
Presented papers	4	1	1	0
Resource Persons	1	2	3	8

3.4 Extension Activities

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

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Youth Parliament	National Service Scheme	02	02
Campus Cleanliness	National Service Scheme	27	515
Plantation	National Service Scheme	15	120
Poem reading and Elocution Competition	National Service Scheme	05	16
Democracy Biweekly Program	National Service Scheme	04	65

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award / recognition	Awarding bodies	No. of Students benefited
State Republic Day Parade	Selection for University Level	National Service Scheme	02

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

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Gender Issue	Marathi department	Savitribai Phule Jayanti Lecture Prof Ganesh Ugale, Paithan	04	132
Gender Issue	Deplumes Literacy (Justices From Newasa Court)	Legal aid, Maintenance of law and order, anti-ragging	8	165
Gender Issue	National Service Scheme	Youth and Employment	4	110
Swachh Bharat	National Service Scheme	Campus Cleaning	5	70
Aids Awareness	Student Development Scheme	Lecture of Doctors from PHC Kukana on Aids	06	65
Gender Issue	Student Development Scheme	Personality Development	05	220

3.5 Collaborations

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

Nature of Activity	Participant	Source of financial support	Duration
Faculty Exchange	11 Teachers	-	
Students Exchange	55 Students	-	
Field Trip (Botany, Chemistry, Geography)	72 Students	-	2 days

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

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	participant
Visit to sugar factory, alcohol industry, processing units, etc.	On-Job training, Field trip	Dnyaneshwar Sahakari Sakhar Karkhana Ltd, Bhende Bk	Continued From 2008	20 Students
For Teachers: Lecture series, Conducting Practical work, etc. For Students: Attend lecture, seminars, Guest lectures in host college	Faculty Exchange and Student Exchange	Shri Dnyaneshwar Mahavidhyalaya Newasa	Continued From 2012	3 Teachers and 25 students
		New Arts, Comm., and Science College, Shevgaon	Continued From 2012	3 Teachers and 25 students
		Loknete Marutrao Ghule Patil Mahavidhlya Dahiga on Ne	Continued From 2013	3 Teachers and 25 students
		Marutraoji Ghule Patil Arts, Commerce & Science College, Nagapur, Ahmednagar	Continued From 2013	3 Teachers and 25 students
		New Arts, Comm., and Science College, Sonai	Continued From 2013	3 Teachers and 25 students

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

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Postgraduate research centre in Botany of Padmashri Vikhe Patil College of Arts, Science and Commerce, Pravaranagar	2008	Research projects, lecture series, practical work, use of laboratory	10
Inorganic Section, Department of Chemistry, Dr. Babasaheb	2008	for Research work we use the laboratory of Department,	2

Ambedkar Marathwada University, Aurangabad, India		Lecture series for Post Graduate students	
Soil and water Testing Laboratory, Dnyaneshwar Krishi Vigyan Farm, DSSK, Dnyaneshwarnagar, Bhende	2009	field work, biofertilizers, farmer consultancy, etc	25
Biofertilizers section, Dnyaneshwar Krishi Vigyan Farm, DSSK, Dnyaneshwarnagar, Bhende	2009	field work, biofertilizers, farmer consultancy, etc	30
Department of Botany, New Arts, Comm., And Science College Ahmednagar	2012	Research work of students, use of laboratory, publications of research work	4
Department of Botany, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	2012	To provide expertise in invitro techniques, to provide hands on training to M.sc students in tissue culture and invitro propagation of endangered and rare plants.	2
District Soil Survey and Soil Testing Office, Ahmednagar (Government of Maharashtra) Participation in Soil Health Card Mission, Government of India and in collaboration with District Soil Testing Office Ahmednagar	2015	Soil sample Tested = 4,535 Distribution of soil health cards = 14,917 Fund received from Government through this activity is about Rs. 11,79,100/- .	25
Krishi Vigyan Kendra (Farm Science Centre) Dahigaon ne	2016	Exposure visit to Farm Science centre for getting skill oriented training programs, Visit to Seed Production Plots, Visit to Modern horticulture nursery	50

CRITERION IV
INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Physical Facilities

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

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
33,75,000/-	31,67,956/-

4.1.2 Details of augmentation in infrastructure facilities during the year

Facilities	Existing	Newly added
Campus area	15.24 Hector	-
Class rooms	17	0
Laboratories	13	0
Seminar Halls	1	0
Classrooms with LCD facilities	4	0
Classrooms with Wi-Fi/ LAN	4	0
Seminar halls with ICT facilities	1	0
Video Centre	0	0
No. of important equipment purchased ($\geq$ 1-0 lakh) during the current year.	17	1
Value of the equipment purchased during the year (Rs. in Lakhs)	Rs 74.71	1.52
Others	2 Indoor Stadium, Overhead Water Tank 3 Boys Common Room, Girls Common Room, Store Room	

4.2 Library as a Learning Resource

4.2.1 Library is automated {Integrated Library Management System -ILMS}

Name of the ILMS software	Nature of automation (fully or partially)	Version	Year of automation
VRIDDHI	Fully Automated	Enterprise Resource Planning (ERP) system	2009

4.2.2 Library Services:

Items	Existing 2017-18		Newly added 2018-19		Total	
	No.	Value	No.	Value	No.	Value
Text Books	11883	1066886			11883	1066886
Reference Books	10702	2859261	121	28,525	10823	2887786
e-Books	3135000	0			3135000	0
Journals	41	26616	-4	-2760	37	23856
e-Journals	6000	5900			6000	5900
Digital Database	0	0			0	0
CD & Video	263	37155			263	37155
Maps	17	2310			17	2310
Weeding (Hard & Soft)	2634	120542	71	17480	2705	138022
Others (specify) News Paper	12	24270	1	-3,665	13	20605

4.3. IT Infrastructure**4.3.1 Technology Up-Gradation (overall)**

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Available band width (MBPS)	Others
Existing	101	56	4	0	0	13	20	8	
Added	3	1					2		
Total	104	57	4	0	0	13	22	8	

4.3.2 Bandwidth available of internet connection in the Institution (Leased line): 50 MBPS**4.3.3 Facility for e-content**

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
Virtual Learning Centre	http://www.jijamatacollegebhende.com/Infrastructure/Mediacentre.html

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

Name of the teacher	Name of the module	Platform on which module is developed	Date of launching e - content
Bhitre S R	Raman effect PPT	Jijamata College website	27/09/2018
Navgire M E	Lab Safety PPT	Jijamata College website	25/01/2019

4.4 Maintenance of Campus Infrastructure

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

Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
6,70,000/-	5,31,902/-	10,65,000/-	9,60,530/-

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

There are established systems and procedures for maintaining and utilizing physical, academic and support facilities in the college. Physical facilities like Class rooms, Laboratories, Library, Reading rooms, Indoor Sports Facility, Gymnasium, playground, cycle stand, and support facilities like canteen, boys and girls hostels were maintained and utilized properly as per the rules and regulations adopted by the college.

The college has adequate number of the computers with internet connections. Computers of office, examination section and Library are loaded with Vridhhi college management software and are interconnected by Local area network (LAN). All the stakeholders have equal opportunity to use these facilities as per the rules and the policies of the institution. Internet connectivity is maintained by BSNL.

For the maintenance of computers, local technical expert was hired. The website of the college was maintained exclusively by our computer teachers. Annual Maintenance Contract (AMC) for electrical maintenance of classrooms, laboratories, Indoor Sports Facility and other supporting units of the college was looked after by the Electric Department of our sister unit, Jijamata Industrial Training Institute, Bhende, and maintenance charges were paid as per the AMC by the college. Maintenance and cleaning of the classrooms and the laboratories was done by daily wage labourers, employed for the purpose. The college garden was maintained by the gardener appointed by the institute.

Department of Physical Education and Sports has a newly constructed Indoor Sports Facility building, a separate gymnasium for boys, a 400 meter standard running track, Long Jump Track, Shot-put Arena and spacious playground for playing out door games. The College ground is a popular venue of many tournaments throughout the year. Even though it is exclusively meant for use of our college students, students of other sister institutions and villagers were allowed to use these facilities. A nominal fee was charged for outsiders to use the Gymnasium. Maintenance of these facilities was looked after by the staff appointed for the purpose.

Water supply has been maintained by Pradeshik Pani Purawatha Yojna, Bhende. Plumbing and allied work was looked after by a plumber provided by Dnyaneshwar Cooperative Sugar Factory. Gas connections were maintained by Dnyaneshwar gas agency, Bhende. Library LMS is maintained by Hindustan Computers, Malegaon, with which the college has signed annual maintenance contract. Annual maintenance contract is also signed with Centurian Marketing, Ahmednagar for maintenance of photocopier machines.

Other support facilities provided for overall development of the students are NSS, Competitive examination cell, placement guidance cell etc. Accession of library to outsiders is permitted with prior membership and stipulated library deposit as per rules of the institution. A provision of the budget for the library maintenance was made by the college management. The activities like fumigation and keeping library clean was done frequently by library staff.

<http://jijamatacollegebhende.com/Infrastructure/Procedures%20and%20policies%20for%20Maintenance.pdf>

CRITERION V
STUDENT SUPPORT AND PROGRESSION

5.1 Student Support

5.1.1 Scholarships and Financial Support

	Name /Title of the scheme	Number of students	Amount in Rupees
Financial support from institution	Loknete Marutrao Ghule Patil Sports Scholarship	10	22,500
Financial support from other sources			
a) National	Govt. of India Scholarship	748	52,89,790
	Economically Backward Class Scholarship	339	10,04,315
b) International		0	0
c) Savitribai Phule Pune University	Krantijyoti Savitribai Phule Scholarship	15	75,000
	Gunawant Vidhyarthi	7	96,000
	Shahu Maharaj	14	1,92,000
	Arthik Durbal Ghatak	30	1,20,000
Total		1163	6,799,605

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

Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved
Soft Skill Development	07/01/2019 to 12/01/2019	74	Jijamata College, Bhende
Yoga and Meditation	21/06/2018	90	Shri Dahale Pankaj, Art of Living Foundation, Bangalore, (Bhende Unit)

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

Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed
2018-	Foundation	25	205	03	21

19	course				
2018-19	Lecture on-Competitive Exam Guidance – by Shri Kanifnath Markad and Shri Samir Shaikh	60		0	0
2018-19	Lecture on-Opportunities in Police services – by Ranjeet Dere (PI, Newasa		75	0	0

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

Total grievances received	No. of grievances redressed	Average number of days for grievance redressal
03	03	02

5.2 Student Progression

5.2.1 Details of campus placement during the year

On campus			Off Campus		
Name of Organizations Visited	No. of Students Participated	No. of Students Placed	Name of Organizations Visited	No. of Students Participated	No. of Students Placed
Sudarshan Chemicals, Roha	42	02	Makcur Pharma	12	02
Tata Motors, Pune	11	01	Parag Dairy Pvt Ltd	21	02
Madura Microfinance, Pune	22	03	Mylon India	02	00
Reliance Mutual Fund, Pune	16	05	Jijamata College Bhende	09	01
Reliance Life Insurance, Pune	18	03	Shri Dnyaneshwar Mahavidhyalaya	10	02
Total (on Campus)	109	14	Total (off Campus)	54	07

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

Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2018-19	03	B.A	Marathi	03 Jijamata College Bhende	M.A.
	05	B.A	Hindi	02 Jijamata College Bhende 01 SDM, Newasa 01 NACS College Shevgaon 01 NACS College Nagar	M.A.
	03	B.A	English	03 Ahmednagar College	M.A.
	06	B.A	History	04 NACS College Shevgaon 01 Garware College 01 Jijamata College Bhende	M.A.
	05	B.A	Geography	02 NACS College Sonai 03 Ahmednagar College	M.A.
	04	B.A	Economics	04 Jijamata College Bhende	M.A.
	46	B. Sc.	Chemistry	20 Jijamata College Bhende 04 SDM, Newasa 10 NACS College Shevgaon 03 NACS College Nagar 04 RBNB Shrirampur 04 NACS College Sonai 01 SP College Pune	M. Sc.
	13	B. Sc.	Physics	04 NACS College Shevgaon 04 RBNB Shrirampur 04 NACS College Sonai 01 Ferguson College Pune	M. Sc.
	15	B. Sc.	Botany	15 Jijamata College Bhende	M. Sc.
	07	B. Sc.	Mathematics	06 NACS College A'nagar 01 Ahmednagar College	M. Sc.
	08	B. Sc.	Computer Science	01 Garware College 01 SP College 05 NACS College Nagar 01 Ahmednagar College	MCS MSc MCS MCS
	14	B. Com.	Commerce	10 SDM, Newasa 02 Sinhaagadh College 01 Zeal College of MBA 01 Govindrao Adik Law Coll	M. Com. M.B.A. M.B.A. LLB
	Total 125				

5.2.3 Students qualifying in State/ National/ International level examinations during the year (eg: NET/ SET /SLET /GATE /GMAT /CAT /GRE /TOFEL /Civil Services /State Government Services)

Items	No. of Students selected/ qualifying	Registration number /roll number for the exam
NET	01	
SET		
SLET		
GATE		
GMAT		
CAT		
GRE		
TOFEL		
Civil Services		
State Government Services		
Any Other PET for SPPU Pune	01	

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

Activity	Level	Participants
Kho-Kho (Men)	District	12
Kho-Kho (Women)	District	12
Athletics	District	05
Archery (Men)	District	02
Kabaddi (Men)	District	12
Kabaddi (Women)	District	11
Cricket (Men)	District	12
Cricket (Women)	District	11
Body Building (Men)	District	02
Kabaddi (Men)	State	01
Kabaddi (Men)	National	01
Archery (Men)	University	01
Kabaddi (Men)	University	05
Cricket (Men)	University	02
Body Building (Men)	University	01
Kabaddi (Men)	State	01
Kabaddi (Men)	National	01

5.3 Student Participation and Activities

5.3.1 Number of awards /medals for outstanding performance in sports /cultural activities at national /international level (award for a team event should be counted as one)

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2018-19	Bronze	National	Kabaddi	-		Agale Sagar Shivaji

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

The institution has nominated Class Representatives (C.R.) on merit basis and the University Representative (U.R.) was elected from Class Representatives, unanimously, as per the guidelines from Savitribai Phule Pune University. A Ladies Representative (L.R) was elected from the girl students, based on the overall performance in studies, NSS and general behavior in the college.

Almost all academic committees formed by the college had representation of students, especially the Class Representatives, Ladies representatives and the University Representative as members. These student members served the college in planning and execution of various events like seminars, conferences, annual gatherings, student alumni association gatherings, placement drives, etc., organized by the college.

All these student representatives were constantly in touch with the other students, they represented them in administrative committee meetings of the college. They have placed problems like drinking water, library issues, and examination problems, faced by the students before the committee members and at times have suggested remedial measures. They also took active participation in regular academic activities such as sports, N.S.S, cultural programs, teachers day, Yuva Saptah, student welfare, annual gathering, Swachhata Abhiyan and Science Exhibition.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes /No, if yes give details (maximum 500 words):

Our college has registered Alumni Association since 2011 (Registration number: Maharashtra/531/2011/Ahmednagar, dated 05/08/2011).

The alumni association had two meetings during the year. They have expressed their strong love and commitment to the institution. The alumni contributed significantly to the development of the institution through financial as well as nonfinancial means.

The alumni were constantly in touch with the regular students by the way of placement activities, conducted in the college. They helped the students by providing training and sharing information regarding possible avenues of job opening in their organizations.

5.3.2 No. of registered enrolled Alumni:

278

5.3.3 Alumni contribution during the year (in Rupees):

Rs. 2,500/-

Alumni Shri. Yogesh Misal donated Shoes Stand to the Botany Department

5.3.4 Meetings /activities organized by Alumni Association:

Meeting per year : 01/Year, Meeting held on Dated

Date of Alumni Meet: 22/02/2019, Number of Alumni present : 52

- Regular meetings of Alumni Association are held during academic year.
- Lectures of well-placed Alumni are arranged in college for students.
- An alumnus contributes and shares their views in the development of college.

CRITERION VI

GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 Institutional Vision and Leadership

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

As per Maharashtra Public Universities Act, 2016, Section 97(1) the college has a College Development Committee (CDC, Earlier, Local Management Committee, LMC). It is the apex body of the institution that plans and executes developmental activities of the college. The CDC is chaired by Hon'ble Shri Narendra Ghule Patil, former MLA and President of Shri Marutrao Ghule Patil Shikshan Sanstha. In addition, it also consists of Secretary of management, one head of department, three teachers in the college, one non-teaching employee, four local members from the fields of education, industry, research and social service, Coordinator of Internal Quality Assurance Cell, President and Secretary of the College Students' Council, as members and Principal of the college as- Member - Secretary. This, itself, is a clear example to say that the institution is **practicing decentralization and participative management**.

The CDC meets periodically to decide and take appropriate decision in the following:

1. Setting objectives relevant to policy.
2. Hiring quality professional to fill faculty positions.
3. Provision of infrastructure and facilities suitable for effective services.
4. To encourage utilization of the facilities to optimum levels.
5. Setting up rules and regulations of the institution, Identifying and hiring, Performance management.
6. Faculty Development programs.
7. Participatory Decision making.
8. Maintain uninterrupted work schedules.
9. Impart quality education.
10. Examinations & fair assessment in time.
11. Maintaining satisfactory student interest.
12. Utilization of library as a Knowledge resource.
13. Self-development through continuing education.

Case Study:

Construction of Class rooms, Canteen facility in the college campus:

As per the increasing demand of students, a proposal submitted by Internal Quality Assurance Cell (IQAC) for construction of 3 new classrooms in main college building in the campus. The IQAC has forwarded the matter to CDC with due recommendations. In CDC, the matter was discussed at length and a decision was taken to construct an above mentioned facility in the campus. Since the new construction proposed on second floor, the Principal of the college has referred the matter to the building committee to prepare plans and estimate. The Plan and estimates were kept in the board meeting of Education Society for its permission.

After this the college share amount was made available for the construction with prior sanctioning of CDC. Tenders were invited and work was assigned to the M/S Mate Patil associates for construction.

Similarly purchase of new benches for the students as increases strength and new class rooms. This issue was discussed in front of IQAC and then recommended by CDC.

6.1.2 Does the institution have a Management Information System (MIS)? Yes /No /Partial:

: Yes

Yes. We have established MIS Cell. We update latest information and data on the college website. MIS monitored ICT activities are run in the college.

- The MIS of the institution integrates all the levels with **VRIDDHI software**. The admissions process and other student data are paperless.
- The accounts and administrative work of college and employee salary is maintained by **TALLY ERP 9** and Silicon e-solution software respectively.
- All faculty attendance data: The institution keeps the record of the Faculty attendance by **Biometric Finger Printing System** which stores the data in an MS Access Data Base.
- Library Data: The institution is using a latest Library package named VRIDDHI for keeping the Library data which can be accessed by all the stake holders of the institution.

6.2 Strategy Development and Deployment

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

❖ Curriculum Development

- A number of our faculty members are contributing inputs for framing syllabi through workshops conducted for this purpose by Savitribai Phule Pune University, Pune.

❖ Teaching and Learning

- Student seminars, Science exhibition (Explore), Study tours, Quiz and poster competitions were some of the other strategies
- Educational videos, films, power point presentations, and MCQ etc.
- The teachers prepared yearly teaching plans and provide question banks, internal tests, seminar, and topics.
- Student's feedback on teachers was used to bring improvement in Teaching-Learning process.
- Experts from various fields were invited to share their knowledge and practical experience with teachers and students.
-

❖ Examination and Evaluation

- Continuous assessment was done by conducting group discussions, debates, multiple choice questions and even open book tests.
- Conducting examination in transparent, free and fair manner.
- Strict implementation of discipline to check malpractices in examinations.
- Adopting Central Assessment process to evaluate answer books.
- Providing photocopies of assessed answer books, as well as its revaluation if

demand.
❖ Research and Development • A token financial assistance of Rs. 10,000/- is provided and sanctioned duty leaves to staff going abroad to participate in International Conferences held abroad. • Faculty is provided with lien to enable to pursue Ph. D. • Encourages teachers to avail Faculty Improvement Programme. • The college encouraged the faculty to apply for minor and major research projects • Students of the college were encouraged to take active participation in research project competitions like Avishkar. • Laboratories are equipped with sophisticated Instruments to facilitate research.
❖ Library, ICT and Physical Infrastructure / Instrumentation • Library services are computerized and new reference books were purchased immediately as per changes in syllabus. • Computer and internet facilities were expanded. • Construction of new classrooms and laboratories was undertaken as per the need. • CCTV cameras were installed for vigilance and surveillance of college building and college campus. • Construction of indoor sports facility was completed and now it is available to use.
❖ Human Resource Management • Faculty recruitment is as per State Government and Savitribai Phule Pune University, Pune norms, rules, and regulations. • Temporary or Advoc teaching and non-teaching staffs was recruited on non-grant basis per a period of 10 months. New teaching and non-teaching staff was appointed on adhoc basis to meet growing student strength and new courses. • Each staff member was assigned with a particular task as per his /her competency for extra-curricular and co-curricular activities of the college. • Needy students were given work in college premises under ‘Earn and Learn scheme’. • Daily wages labours were hired as per requirement. • Outsourcing was done for specific needs.
❖ Industry Interaction / Collaboration • Industrial study tours were organized. • Students were taken to local sugar factory to provide awareness and technical know-how about its processing and working. • Efforts are made to establish collaboration with surrounding industries.
❖ Admission of Students • Admission committee was formed to facilitate the Admission of students. Government and University norms are followed. • Admissions were given on first come first basis and also on merit basis as per the demand.

- Admission fee was collected through bank.
- The admission process for all courses was made online. Admission notice was published in newspapers and displayed on the college website.
- Online admission procedure was made available to the students.

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

❖ Planning and Development: VRIDDHI - Integrated College Management Software of Hindustan Computers, Malegaon since 2009.
❖ Administration: VRIDDHI - Integrated College Management Software of Hindustan Computers, Malegaon since 2009.
❖ Finance and Accounts: VRIDDHI - Integrated College Management Software of Hindustan Computers, Malegaon since 2009.
❖ Student Admission and Support: VRIDDHI - Integrated College Management Software of Hindustan Computers, Malegaon since 2009.
❖ Examination: VRIDDHI - Integrated College Management Software of Hindustan Computers, Malegaon since 2009.

6.3 Faculty Empowerment Strategies

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

Sr. No	Name Of Participant	Title of Conference /Seminar /Workshop	Organized By	Dates of The Event	State/ National /International /Level	Amount paid to the Teacher
1	Lande K.A	Sustainable Rural Development - Geospatial Solutions	Dept. Of Geography & Geoinformatics, Bangalore University, Bengaluru	20 To 22 Sep 2018	International	6075
2	Deshmukh B.T	Recent Trends in Library Science And Technology, Humanities, Commerce & Management	Anandibai Raorane Arts, Commerce And Science College, Vaibhavwadi Dist. Sindhudurg (MS)	21-Dec-18	International	2884
3	Deshmukh P.B	Quality Enhancement in Examination & Evaluation	Chandmal Tarachand Bora College, Shirur	21 to 22 Dec 2018	University	660

4	Sayyad N.R	Innovation in Physical, Chemical and Life Sciences (IPCLS-2018)	New Art's,Commerce & Science College, Parner	27 to 28 Dec 2018	International	1850
5	Tanpure S.S	Recent Trends and Experimental Approaches In Science, Technology, Nature And Management	Footwear Design and Development Institute, Jodhpur	23 to 24 Dec 2018	International	9900
5	Gaikwad K.S	Environmental Issues with Special Reference to India	New Arts Commerce And Science College Shevgaon	04 to 05 jan 2019	state	480
6	Gaikwad K.S	Environment And Sustainable Development	Shri Sadguru Gangageer Maharaj Science, Gautam Arts And Sanjivani Commerce College Kopargoan	01 to 02 Feb 2019	state	1092
7	Deshmukh B.T	Library As a Knowledge And Skill Development Center	S.B.E.S. College Of Science Aurangabad	24 to 25 jan 2019	National	1750
8	Kasbe V.S	One Day National Conference On Mahatma phule Thoughts On Social Reform And Its Relevance	Moreshwar Arts Science And Commerce College Bhokardan	18-Feb-19	National	1070
Total Rs						25,761

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

Year	Title of the professional development programme organised for Teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non-teaching staff)
2018-19		Workshop on administrative training	24/08/2018	8	25
2018-19	Ethics in Education Field	Ethics in Education Field	23/2/2019	60	24

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

Title of the professional development programme	Number of teachers who attended	Date and Duration (from – to)
Orientation Programme	-	
Refresher Course	01	25/09/2018 to 30/03/2019 120 Hr
Summer / Winter Program	-	
Short Term Course	05 02	03/12/2018 to 09/12/2018 04/09/2018 to 10/09/2018
Faculty Development Programmes	-	

6.3.4 Faculty and Staff recruitment (No. for permanent/fulltime recruitment):

Teaching		Non-teaching	
Permanent	Fulltime /temporary	Permanent	Fulltime /temporary
28	40	11	23

6.3.5 Welfare schemes for

Teaching	- Academic Performance Indicator (API) system used to enhance the professional skill of the teaching staff. - Staff quarters - Financial support for attending /presenting research paper at state, national & international Seminars & Conferences - Research grants / Fellowships for Ph D students - Staff Credit society - Interest Free advances during emergency. - Faculty improvement programs
Non-Teaching	- Computer skills training to all non-teaching staff and administrative leadership - Workshops conducted to improve the competencies of non-teaching staff - Earned leave Encashment - Interest Free advances during emergency.
Students	- Financial support for admission fees for sport students under the name of “Late Marutrao Ghule Patil Sport Scholarship” scheme. - Separate Hostel facility for Boys and Girls students

	• Canteen facility in college campus. • Free Health check-up and primary hospital facility from Public Health Center Bhende. • Computer with internet access free of cost. • Admission fees in installments. • Financial aid through Students Welfare Schemes. • Facility of 'Earn and Learn' scheme.
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6.4 Financial Management and Resource Mobilization

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

Yes. The accounts are audited regularly. Internal Audit includes auditing by Shri Marutrao Ghule Patil Education Society auditors. Education Society has appointed H.M. Kale and Associates & Chartered Accountants (Regn No. FRN 119458W), Ahmednagar, as auditors to audit the accounts of our college. The auditing team visits the college at least thrice a year and completes the task of auditing the accounts. External Audit is carried out by the auditors of Directorate of Higher Education and Government of Maharashtra as per the schedule given by the Government of Maharashtra.
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6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year (not covered in Criterion III)

Name of the non-government funding agencies/ individuals	Funds/ Grants received in Rs.	Purpose
Nil		

6.4.2 Total corpus fund generated

: Rs. : Nil

6.5 Internal Quality Assurance System

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

Audit Type	External		Internal	
	Yes / No	Agency	Yes / No	Authority
Academic	Yes	By recommendation of Governing council constituted (Invited) committee	Yes	IQAC and College Development Committee (CDC)
Administrative	Yes		Yes	

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

- College has Parent-Teacher Association.
- PTA meeting was held twice in the year.
- Parents were invited to take benefit of “Bahishal” (Open School) lecture series.
- Parents participated in college development.
- Feedback form the parents was taken and their suggestions were accepted.
- Parent Teacher Association meeting was held on 22/02/2019, where 35 parents are present.

6.5.3 Development programmes for support staff (at least three)

- Interest Free advances are given during emergency.
- Free Health check-up and primary hospital facility from Public Health Center Bhende
- Training programs for specific need are organized.
- Staffs were provided with duty leave for participation in training and skill development programs.
- They were encouraged to attend training programs organized by other colleges.
- Training by skilled personnel from software providers is provided to staff whenever there is a software up-gradation.

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

The College has established a full-fledged IQAC cell in the college. Since then the IQAC has become instrumental in suggesting a number of quality improvement measures in the college.

- 1) The staff has been motivated to apply for research projects. As a result, during the 2018-19 academic years, the staff has successfully executed 2 minor research projects with University Grant Commission New Delhi.
- 2) As per demand from students, IQAC suggested to submit proposal for starting additional second division of M.Sc. Analytical Chemistry and Politics at Special level. The Local investigation committee of the university visited our college and submitted its recommendation to the University and the Government of Maharashtra.
- 3) To strengthen the infrastructure IQAC has suggested construction of 3 Class rooms to cope-up with increase in student strength. Similarly it has recommended starting canteen in college campus for the students and teachers. Both the construction work is now in progress.

6.5.5 Quality assurance initiatives of the institution include:

a. Submission of Data for AISHE portal	: Yes
b. Participation in NIRF	: Yes
c. ISO Certification	: No
d. NBA or any other quality audit i.e. AAA	: Yes

6.5.6 Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from--to--)	Number of participants
2018-19	Beauty Parlour Course	04/08/2018	01	55
	Cooking Competition	25/01/2019	01	20
	Handwriting Skill by Shri Ananda Salve	14/01/2019	09	42
	Writing Skill workshop by Dr S S Darawade and Shri Sudam Deshmukh, Editor, Daily Likmat	01/02/2019 to 02/02/2019	02	35
	Research inspiration program by Dr Sarjerao Nimase Ex Vice Chancellor, SRT University, Nanded	30/01/2019	01	223
	Science Day by Prin. Dr B J Apparao Lecture on Role of Science in the service of Mankind	28/02/2019	01	256

CRITERION VII**INSTITUTIONAL VALUES AND BEST PRACTICES****7.1 - Institutional Values and Social Responsibilities****7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)**

Title of the programme	Period (from-to)	Participants		Teacher
		Female	Male	
Yoga Day	22/06/2018	65	110	37
Constitution Day by Dr S S Tanpure	26/11/2018	25	30	20
Digital India by Dr. Naval R. M.	29/12/2018	50	68	07
Poetry Reciting by Dr S S Darawade	15/01/2019	05	11	04
Writing - Skill Development	01/02/2019	20	13	02
Poster Presentation	21/02/2019	08	04	02
Science Execution	22/002/2019	18	12	04
Cultural Programme	23/02/2019	12	17	04
Nirbhay Kanya Abhiyan by Dr Santosh Tagad,	11/1/2019	30	0	3
Self-Protection of Girls by Dr Sangita Khandare	27/1/2019	105	0	5
Media and Employment opportunities- By Aniket Dilwale (AIR)	12/1/2019	15	22	3
Coins and Stamps Exhibition -by Shri Shakeel Jafri (Manchar)	22/2/2019			
	23/2/2019	3	4	3
Education and Youth – By Dr Narkhede Vijay (JDHE, Pune)	23/2/2019	145	195	40

7.1.2 Environmental Consciousness and Sustainability /Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources

Total power requirement of our college is 196889 KW/Year. College uses Renewable energy source like solar water heater which is 17520 KW/Year. Total light requirement for college is 112276 KW/Year out of it **24.73%** is through LED bulbs and other is **75.27%**.

7.1.3 Differently abled (Divyangjan) friendliness

Items Facilities	Yes /No	No. of Beneficiaries
Physical facilities	Yes	01
Provision for lift	No	--
Ramp/ Rails	Yes	01
Braille Software/facilities	Yes	01
Rest Rooms	Yes	01
Scribes for examination	Yes	01
Special skill development for differently abled students	No	--
Any other similar facility	No	00

7.1.4 Inclusion and Situated-ness: Enlist most important initiatives taken to address locational advantages and disadvantages during the year

Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018-19	0	1	28/12/2018	New Technics in Agriculture	Organic Farming, Green house farming, Cash crops	95 Students 37 Farmers 3 Staff 135
	0	1	29/12/2018	Water Conservation	Drip irrigation, water shade, how to increase ground water table	98 Students 43 Farmers 3 Staff 143
	0	1	21/08/2018	Deplumes Literacy (Justices From Newasa Court)	Leagal aid, Maintainance os law and order, antiragging	165 Students 42 locals 8 Staff 215
	0	1	12/01/2019	Dnyaneshwar Udyog Samuh, Bhende	Manufature of sugar, Distilarry products, Environmental issues	20 students 2 staff 22

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Code of Conduct	10 July 2016	Students- The college has made concrete efforts to provide relevant education, good environment, class room attendance, wearing identity in college campus, use parking for vehicles. College has established the anti-ragging committee to restrict the undisciplined and obscene activities. Teacher - Promote equality and cognitive development, professional commitments engage in learning process and develop learning skills, should work in collaborative manner with students, parents and managements, respect his professional status, qualification and experience. Administration – Display the admission process on notice board, daily working time is displayed on office entrance, allotment of work is displayed on notice board, should be caring, fair and committed to the best interest of the students.
http://jijamatacollegebhende.com/Research/codeofconduct.html		

7.1.6 Activities conducted for promotion of Universal Values and Ethics:

Activity	Duration (from--to--)	Number of participants
Campus Cleaning	08/08/2018	F-40, M- 70, T-05
Energy Awareness DR. Arle R. N.	27/12/2018	F-45, M-65, T-04
Youth and Employment Prof. Lande K.A.	27/12/2018	F-45, M-65, T-04
Sugarcane Production – New Technique Shri. Narayan Nibe, KVK Dahigaon	28/12/2018	F-45, M- 62, T- 04
Agriculture and Water Literacy Shri. Sukhadev Fulari	29/12/2018	F-52, M-63, T-05
Modern Farming Shri. Shinde Kakasaheb	30/12/2018	F-52, M-59, T- 05
Superstition Eradication program by Dr Suryakant Kalokhe	27/12/2018	F-62, M-158, T- 09
Poet Writing Skill Dr. Sanjay Darwade	01/01/2019	F-55, M-52, T-05
Poet reading program Dr. Sangita Holkar, Ashti	11/01/2019	F-74, M-85, T-08

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

- Campus is made green by undertaking plantation drive in the campus.
- Pipelines and canals are formed to ensure water supply for plants.
- Daily wage labourers are hired for watering and taking care of plants in the campus.
- Botanical garden is maintained to add to green campus.
- Plantation is carried out around the indoor sports complex.
- The solid and liquid wastes from laboratories are properly disposed.
- Rain water harvesting is undertaken.
- Plastic is banned in college campus.

7.2 Best Practices:

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

- The chemistry department of our college organises soil and water testing programme for the farmers in our tehsil area at minimum cost and distribute the report card of soil and water. With the help of this report card the farmers consult with agricultural officer and try to avoid chemical fertilizers and pesticides as per the given advice and thus support eco- friendly environment and production. Thus the department has distributed **14,219 Soil health cards** to the farmers.
- College invites representatives of several companies and organises campus interviews to promote the students to develop their carrier. During this year about **25 students** of our college have been placed into the various services.

7.3 Institutional Distinctiveness

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

Our college is situated in the village Bhende which is the heart of around 40 villages generally known for Jayakwadi dam and its back water project affected peoples rehabilitated region. Our institution has felt the need for providing higher education facilities and educating the youth for transforming villages and help them in their development. It realized that the future of **project affected youth** and **specifically girls** are entirely dependent on higher education. Keeping this in view our college is expanding its scope and is providing variety of options in higher education for its students to enrich them and open avenues to build their carrier.

In line with our vision and growing demand from the stakeholders our institution has

applied for starting new division of M.Sc. Analytical Chemistry and introduces B.A. Political Science at special level.

<http://www.jijamatacollegebhende.com/Institutional%20Distinctiveness.html>

8. Future Plans of action for next academic year (500 words)

1. Introduction of additional division M.Sc. Analytical chemistry,
2. Increase the capacity of Soil and Water Testing Laboratory and provide consultancy to farmers,
3. Apply for starting M.Sc. in physics and B.Sc. with Zoology and B. A. with Political Science specializations,
4. Construction of additional Classrooms.
5. Appoint of faculty for the newly introduced courses and fill vacant positions.
6. Purchase LCD projectors to enrich teaching and learning activities.
7. Purchase new equipment, computers and instruments from DST-FIST grant.
8. Organize conferences, seminars and workshops with grants from UGC and BCUD.
9. Organise innovative programs for students like Soft skill, Yoga, Meditation, Lectures of eminent personalities, self-defence for girls etc.
10. Invite different industries to organise campus placement services to students.

Name **Dr. Madhukar E. Navgire**

Name **Dr. B. J. Apparao**

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

Annexure 1**Academic Calendar 2018-2019**

Month	Days / Week	Particulars
June 2018	16 th June	• Date of commencement of First Term • Staff Meeting • Admission Committee Meeting
	3 rd and 4 th week	• All Departmental Meetings • Time Table Committee Meeting • Display of Time Table
July 2018	1 st week	• Commencement of F.Y. and S.Y. Classes of Arts, Science and Commerce faculty • Starting of teaching for first term
	2 nd week	• Principal's address to all new students • Welcome function of new students from their senior classes • Maintenance Committee Meeting • Purchase Committee Meeting • Stock Checking Program of Store & Various Departments
	3 rd week 4 th week	• IQAC Meeting • Formation of various committees and their meetings including Library Advisory, student and staff Redressal cell, Research Committee, N.S.S. Committee, Career Guidance & Placement cell, Gymkhana Committee, Student welfare Committee.
August 2018	15 th August 1 st week August	• Independence day celebration • Commencement of post-graduate courses • First year P.G. Students welcome function
	2 nd week	• Selection process for N.S.S. • Starting various schemes under student welfare program such as Earn and Learn scheme
	3 rd and 4 th week	• Meeting with CDC Members • Medical Check-up Program for First year students
September 2018	5 th September 1 st week	• Teachers Day Celebration • Student Council Meeting and selection of Class Representatives

		and University Representative. • Dnyanstumbh Magazine Committee Meeting
	15 th September	• Late Shri. Marutrao Ghule Patil Jayanti celebration (Founder of Education Society)
	2 nd week	• H.O.Ds. Meeting • Examination Committee Meeting • Meeting for organizing Seminars /Workshops
	24 September 3 rd week 4 th week	• Celebration of N.S.S. Day by organizing various programs • Placement Committee and Research Committee Meetings. • Preparation for Term End Examination of B.A. and B.Com • Conducting Internal Examination of B.Sc. students • Lecture Series Program for U.G. and P.G. students
October 2018	2 nd October	• Mahatma Gandhi Jayanti celebration • Starting of University Semester / Annual Examinations • Conclusion of first term.
Diwali Vacation from 04th November to 28th November 2018		
November 2018	13 th November	• Date of Commencement of Second Term • IQAC meeting, Preparation of documentations for NAAC report • Staff Meeting • Term End Examination of B.A. and B.Com. • Starting of First year UG Central Assessment Program
December 2018	1 st December 1 st week	• AIDS Day • All Departmental Meetings • Committee Meeting for revision of Time Table
	2 nd week	• Commencement of second term U.G. and P.G. Teaching.
	3 rd week 4 th week 25 th December	• N.S.S. Special Camping program • Various programs for students • Christmas • IQAC meeting, Preparation and finalization of documentations for NAAC-SSR report.
January 2019	1 st week	• Library Advisory Committee Meeting. • Educational & Industrial excursion Visits

		• Student Council Meeting
	12-19 January	• Swami Vivekanand Jayanti (Youth Week program by N.S.S.)
	14 th January	• Makar Sankranti Til-Gul
	2 nd week	• Organization of Seminar /Workshop /Conference
	3 rd week	• Cultural programs
	4 th week	• Sports activity Annual sport meet • Bahishal Lecture series
	26 th January	• Celebration of Republic Day
February 2019	1 st week	• Blood Donation and Blood heck-up, • Health check-up program
	19 th February	• Chatrapati Shivaji Maharaj Jayanti
	2 nd week	• Various Committee Program
	3 rd week	• Lecturer Series Program for U.G. and P.G. students • Student welfare Activity
	4 th week	• Annual prize & Sports Prize Distribution program
March 2019	1 st week	• Examination Committee Meeting
	2 nd week	• Internal Test/ Tutorial program
	3 rd week	• Starting of semester / annual University examinations
	4 th week	• Fair-well program for last year students
April 2019	14 th April	• Dr. Babasaheb Ambedkar Jayanti • U.G. and P.G. theory and practical examination starts • Maintenance Committee Meeting • Purchase Committee Meeting • Stock Checking Program of Store & Various Departments • Preparation of Prospects for next academic year • Dnyanstumbh Magazine Committee Meeting • Admission Committee Meeting • Last working day staff meeting • Date of Conclusion of the second Term
	30 th April	
Summer Vacation from 1st May to 14th June 2019		

Part –B**Academic year 2018-2019**

Regular feedback of teachers was taken from the students by online mode through weblink provided on college website. The feedback was taken on four point scale. The feedback was analysed and discussed in the IQAC meetings. In case of deficiencies or poor feedback of the teacher, the Head communicates with the Vice Principal / Principal and corrective measures are adopted. Teachers with positive feedback are encouraged.

Faculty wise Feedback Analysis