



# **SELF STUDY REPORT**

## **FOR**

### **3<sup>rd</sup> CYCLE OF ACCREDITATION**

**SHRI NEMINATH JAIN  
BRAHMACHARYASHRAM (JAIN GURUKULS),  
KARMVEER KESHAVLALJI HARAKCHANDJI  
ABAD ARTS, SHRIMAN MOTILALJI  
GIRIDHARILALJI LODHA COMMERCE AND  
SHRIMAN P.H. JAIN SCIENCE COLLEGE**

**NEMINAGAR, CHANDWAD DIST. NASHIK  
423101**

[www.acschandwadcollege.com](http://www.acschandwadcollege.com)

**SSR SUBMITTED DATE: 23-08-2019**

Submitted To

**NATIONAL ASSESSMENT AND ACCREDITATION  
COUNCIL**

**BANGALORE**

**August 2019**

## **Executive Summary**

### ***Introduction:***

#### **Introductory Note on the Institution**

#### **Location of the Institution**

The institution is located in Chandwad on Mumbai-Agra National Highway NH-3 almost 65 Km from Nashik towards East. It has scenic background.

#### **Type of the Institute**

The College is grant in aid institute affiliated to Savitribai Phule Pune University (SPPU), Pune (Formerly University of Pune). It is a minority institute recognized by the Government of Maharashtra.

#### **Other Information**

The College was established in 1970 to impart graduation courses in Arts and Commerce and to cater to educational and socioeconomic needs of the people living in Chandwad Tehsil. The Science faculty was introduced in 2010 on non-grant basis. The College being the only higher

education institute in Chandwad Tehsil Science faculty was given 100% grant-in-aid status by the Government of Maharashtra in 2013. The College has made a significant progress in the last 6 years and implemented the suggestions given by NAAC Peer Team in the reaccreditation process. A number of faculties have undertaken minor and major research projects. Six faculties have been recognized as research guides. The College has developed state of art infrastructure for research and academic activities. It signed an MoU with University of Nigeria, Nsukka, for research and academic transactions in the field of nanotechnology. The College has collaborated with the industries to run UGC funded NSQF Courses. Honouarble Bebilalji Sancheti, President of Prabandh Samiti was conferred Lifetime Achievement Award (Jeevan Sadhana Puraskar) by SPPU, Pune in 2014. The College was given Best College Award by SPPU, Pune in 2015. Principal Dr G H Jain was awarded the Best Principal Prize by SPPU, Pune in 2018-19.

The College was funded Rs 50 lakh by DST in 2018-19. The College regularly organizes UGC, SPPU, Pune and other agency funded state and national level conferences and seminars. UGC funded Diploma in Medical Lab Technology is run since 2015-16. Recently the College has introduced UGC sponsored B Voc Courses in Renewable Energy Management, Green House Technology and Analytical Techniques in Pharmaceutical Analysis.

### ***Vision:***

#### **Vision Statement of the College**

To achieve academic excellence, material and spiritual development of the students, to strengthen rational and scientific attitude among them and to make them well competent.

### ***Mission:***

#### **Mission Statement of the College**

Our ultimate aim is to link education with the entire society so that underprivileged and economically disadvantaged students are benefited and they could become rational, complete, self-reliant, ethically strong and law-abiding citizens.

## **SWOC**

### ***Institutional Strength :***

- State of Art Infrastructure with beautiful green campus
- Active and Visionary Board of Management
- Central Instrumentation Facility with sophisticated instruments
- DST-FIST Funded PG programmes in Science
- Academic flexibility with 18 degree, 13 post graduate, 1 diploma, 4 Add on and 11 Certificate level courses
- Availability of employment based UGC-NSQF (Community College-DMLT & B. Voc) Courses
- A strong link with the society through NSS (special winter and summer camps)
- Social activities through Gymkhana Association and Health Campaign

- Active Functional 16 MoUs and 44 linkages for faculty as well as student training, placement, research etc.
- Greater enrollment of girls and considerable SC, ST & OBC students
- Excellent ICT facilities for the teaching-learning process.
- Special activities such as self-employment based courses, training in self-defense and workshops on legal rights of women for empowering girl-students
- The Faculties are engaged in minor and major research projects.
- Organization of state and national level seminars and conferences
- An active Extra Mural Education Centre
- Unnat Bharat Abhiyan Scheme
- Automatic Weather Station linked with society
- Free consultancy in Plant Identification and Awareness of plants

#### ***Institutional Weakness :***

- First generation learners in Science faculty
- Poor socioeconomic background of the students
- Lack of appointment of permanent staff (Teaching & Non Teaching) due to State Government recruitment policies
- Being a drought prone, industrially underdeveloped and rural area; lack of campus selection drive due to less interest of industries

#### ***Institutional Opportunity :***

- Extension and renovation of knowledge and resource center
- Increasing financial aids to the students through institutional resources
- Developing collaboration with Govt. and NGO research institutes
- Opening up research centers in science faculty
- Increasing research publications in high impact factor journals
- Developing sports and cultural Infrastructure
- Establishing an independent center to regularly conduct classes for MPSC and UPSC and other competitive examinations
- To develop and build competencies in students to face the global challenges.

#### ***Institutional Challenge :***

- Sustaining self-financed courses due to government policies
- Increasing employability of the socioeconomic poor students
- Introducing greater number of University / UGC approved add on certificate/ diploma courses
- Enhancing Students' performance in sports and cultural activities at national/international level

### **Criteria wise Summary**

**Curricular Aspects :**

The institute runs UG and PG courses of SPPU University, Pune with good academic flexibility. The curriculum is designed by the University. The College ensures effective curriculum delivery through a well planned process. The College adheres to academic calendar. The head of the department monitors the completion of curriculum by every faculty member of the department. College runs certificate courses in Chemistry, Botany, Physics, Electronics, Mathematics, Marathi, Geography, Politics and History for the skill development of the students. The faculties have representation in BoS and as expert members in syllabus revision committees. To bring in vertical mobility, the College has introduced PG courses in Mathematics, Organic Chemistry, Analytical Chemistry, Botany, Physics, Advanced Accountancy and Taxation, Advanced Cost Accounting and Cost Systems, English and History. The College has been running DMLT course under Community College Scheme of the UGC since 2015-16. B Voc courses in Green House Management, Renewable Energy Management and Analytical Techniques in Pharmaceutical Analysis have been sanctioned in 2018-19. The College collaborates with industries and external agencies to give hands on training to the students enrolled in B Voc and DMLT Courses. The choice based credit system (CBCS) is implemented for post graduate courses. Our institute generates electricity by using solar plant. Green audit and No Vehicle Day reflect commitment to environment and its preservation. The volunteers from NSS and students from Earn & Learn scheme also contribute to make campus plastic free. Activities of Nirbhaya Kanya Abhiyan sensitize the students towards gender issues. Taluka Vidhi Samiti, Chandwad conducts in the college workshops on legal rights of women. Celebration of Youth Week, Science Day and National Festivals help to inculcate values among the students. Short term certificate level hobby courses and courses in painting, beauty parlor and weaving help the girl students to earn livelihood. Study tours and visits and field projects are conducted to enrich students' knowledge and skills. College collects feedback from all stakeholders on curriculum, teaching and learning. The feedback is analyzed and used for qualitative development of the college.

**Teaching-learning and Evaluation :**

The college is a recognized minority institute. It ensures equity and adheres to rules of the governing authorities for admission process. Enrolment of girls students is higher and even the SC ST And OBC students are almost 75%. The average percentage of enrollment with respect to available seats is 82.53 for last six years. College is rural oriented one and students commute from the neighboring villages. After admission, the college assesses the learning levels of the students through a diagnostic test and identifies advanced and slow learners. The students are informed about aims and objectives of the syllabi and the teaching and evaluation methodologies to be implemented well in advance. Advanced learners are provided with SWAYAM online courses, e-resources, research journals and to participate in Avishkar research competition, Madhava & Ramanujan competition, CHEMIAD competition, NET-SET workshops, scientific writing & workshops on various themes. For slow learners, special guidance scheme, remedial coaching, personal counseling and extra lectures are conducted. The student-teacher ratio is 32:1. Necessary facilities like ramp, lifts, wheel chair and brail books are provided to the Divyangjan. Field surveys, industrial visits, study tours and visits to cooperative credit societies, projects and training are organized to facilitate experiential learning. Guest lectures of expertise faculties are regularly organized. The students are encouraged to participate in state and national seminars and conferences hosted by the College and outside. Students' seminars, group discussion and workshops are organized for participative learning. Problem solving methods are

concretely implemented in teaching. ICT and research based teaching techniques are used in teaching. The Management appoints qualified and full time teachers against sanctioned posts. 20% of the teachers hold Ph.D. Dr G H Jain is recipient of the Best Teacher Award from the state government and the Best Principal Award from SPPU, Pune. Examination committee ensures smooth conduct of examinations and redressal of exam-related grievances. The faculties participate in workshops on syllabus revision. Institute adheres to the academic calendar for the conduct of CIE. Course objectives and outcomes, programme outcomes and programme specific outcomes are formulated by the University. Learning outcomes are assessed through exam results.

### ***Research, Innovations and Extension :***

Twenty six faculties have undertaken minor research projects and two have been sanctioned major research projects. Six teachers are recognized as research guides by SPPU, Pune and five scholars have completed Ph.D. under their guidance. Four faculty members have been awarded Ph.D.degree while Twelve faculties have registered for Ph D. The faculty members have published 30 research papers in UGC notified journals, 46 research papers in conferences/seminars/workshops proceedings and 38 books/chapters in various reputed publications. College follows anti-plagiarism policy and code of ethics for research defined by University. University provides free access to Turnitin/Urkund anti-plagiarism software to recognized research guides.

The college has conducted 19 workshops/seminars on Intellectual Property Rights (IPR) and Industry-Academia Innovations at the institute level.

The college has been sanctioned Rs. 50, 00,000/- under DST-FIST Scheme.

The NSS Department has organized several social activities like Gram Swachhata Abhiyan, Tree Plantation, Blood Donation Camps and Blood Group Check-Up, awareness programmes on human rights, cybercrime and cyber security, voter awareness programme and lectures on GST. Efforts are taken by the College to sensitize the students about social responsibilities through one week special winter camps at neighbouring villages. Repairing of roads, rallies, construction of check dams, cleanliness campaign, lecture series of experts and health check up camp for the villagers are major activities of the special camp. In the 2017-18 the College organized special summer camp on water conservation at Urdhul in association with Pani Foundation. In many a sense these activities are beneficial to the community. The College ensures involvement of GOs and NGOs in extension activities. The representatives from local self governments are invited during special NSS camps. Blood donation camps are regularly organized in association with Arpan Blood Bank, Nashik. The College runs an Extra mural Education Centre which conducts workshops and lecture series for senior citizens. The local forum of senior citizens proves a great help in activities of the Centre. Unnat Bharat Scheme of MHRD is implemented under which activities such as survey on socioeconomic condition, income groups, facilities of health and sex ratio and beneficiaries of government schemes are conducted in 5 selected villages.

### ***Infrastructure and Learning Resources :***

The college has state of art infrastructure and learning resources which includes ICT enabled classrooms, seminar halls, well equipped science laboratories, computer laboratories, and other support facilities. The Central Instrumentation Facility (CIF) with sophisticated instruments are available in the college. The infrastructure for badminton, basketball, table tennis volleyball, table tennis, weightlifting, powerlifting, athletics, wrestling and yoga is availed. The College has separate gyms for boys and girls and are also opened for community use. The College regularly organizes intercollegiate and intergroup sports tournaments. The Library is fully automated with Integrated Library Management System (VRIDHHI 2.0 Software) and is enriched with updated references, textbooks, journals and magazines of all disciplines and subjects, rare books, special collections and books on Jainism. The learning resources centre has subscribed different e resources like DELNET, J-GATE, N-LIST, INFLIBNET, e-journals, e-books, Shodhganga and database. E- books are also provided through Kindle. The Budget for infrastructure, library and other learning resources is allocated annually based on the recommendations of committees constituted for maintaining and utilizing physical, academic and support facilities and its improvement. The College ensures optimum utilization of resources. Technical and support staff is appointed which monitors the overall functioning of ICT resources. Licensed copies of antivirus are purchased. There is enough number of UPSs for uninterrupted power supply. The whole campus is powered by Solar energy having capacity of 440 kWh. It satisfies the need of electricity. The college maintains a satisfactory student computer ratio 15:1 with 100 Mbps bandwidth internet connection and 24 hour campus Wi-Fi facility. The licensed copies of softwares are preferred and used for office purposes. The college has fully-equipped CIF having sophisticated instruments like FIIR, UV Visible spectrophotometer and PCR. The college is associated with different vendors/ firms for maintaining physical, academic and support facilities as per Annual Maintenance Contracts. The Management recruits the support staff for repairing and other types of work. The Site Engineer is appointed to look after the construction works.

### ***Student Support and Progression :***

Support services include government scholarships, scholarships from SPPU, Pune and financial aids from the institution and earn and learn scheme. Almost 60 % of the total students are scholarship holders. Total Rs 23642338/- have been distributed to the students by means of GOIBC scholarships and Rs 2131000/- through scholarships of SPPU, Pune in the last 5 years. Rate of progression to higher education is around 30%. Total Rs 28084/- have been distributed to the needy students from Poor Boys' Fund. On an average Rs 216456/- have been distributed to the students under Earn and Learn Scheme. During the assessment period total 156 students have been placed in different sectors. Nine students have participated in national level and two students have participated in three international sports events. The Alumni Association is functional. It is registered. Meetings of Alumni Association are regularly conducted. donated Rs 1.01 lakh for water purifier. Students have been given representation in curricular and cocurricular committees and associations such as NSS, Library Committee, Science Association and Commerce Association. The Competitive Examination Cell conducts competitive examinations at the college level. Soft skills development programme is conducted every year. The Students' Council is constituted as per the rules and regulations laid down by SPPU, Pune. Students were encouraged to participate in Young Inspirators' Network programme of Sakal Newspaper Group.

### ***Governance, Leadership and Management :***



The vision and mission of the college are in tune with the national policies of higher education and are based on education as a means of development of the nation. The college translates its vision and mission through programs and activities such as NSS, Self employment based courses for women, DMLT, Soft Skills Development Program and Student Welfare Schemes.

Governance is decentralized. It consists of three bodies- (i) Board of Trustees (the apex body), (ii) Prabandha Samiti (Executive committee) and (iii) College Development Committee (Coordinating Committee). The management has framed its own constitution also. The functions of all the bodies are performed adhering to the laws enforced by the Government of Maharashtra and other regulatory bodies. Due representation is given to the teaching and non-teaching staff in the College Development Committee. Committees are appointed to ensure smooth conduct of curricular and extracurricular activities. Students are given representation in such committees. Students' Council helps in maintaining rapport between teachers and students. The meeting of Prabandha Samiti is held every Saturday. The management provides state of art infrastructure for academic and research activities. It provides spacious hostels for boys and girls. The college has developed central Instrumentation facility with funds of Rs 21 lakh from the Management. Every year state level elocution Competition is organized on memory of Karmavir Harakchandi Abad (Pujya Kakaji), the founder of SNJB. IQAC of the college is functional and takes initiative in organization of academic and research activities. It conducted workshops on revised framework of NAAC accreditation at the college level. Transparency is maintained in the overall administration. The Management sanctions the purchase orders above Rs 5000 with due process of analysis of quotations. Vridhhi software is used in routine office and library work. Data on the issuing, returning of books and stock verification is computerized. The college has purchased licensed softwares. It has signed contracts with external agencies for the maintenance of equipments. Special support staff is appointed for maintenance of infrastructural facilities. From the year 2018-19 the college has introduced the system of digital attendance of the students in collaboration with DigitalEdu IT.

### ***Institutional Values and Best Practices :***

College organizes various seminars conferences and workshops for the overall development of students. The programmes directed at empowerment of women include Nirbhaya Kanya Abhiyan, Personality Development Scheme and Self employment based short term courses for girl-students and women in Chandwad. Two well equipped and spacious hostels with intake capacity of 670 girls are availed. Dustbins are kept in the college campus for disposal of solid and liquid wastes. Solid wastes are decomposed and utilized for the production of vermicompost. Apiculture unit is set up in the College. Decontamination of the liquid waste is performed with the help of autoclave, and then the waste is disposed in the diluted forms in drainage system. The college has active MoU with Sai InfoTech for E-waste management. Green audit and AAA are conducted.

Rainwater harvesting and well recharge methods are used by college. No vehicle day is observed on the first day of every month. Use of LED bulbs and tubes serves to save electricity. The campus is powered by solar energy and almost 80% of annual power requirement is met through renewable energy sources. For Divyangjan the college has provided common room, books in Braille, lifts and wheelchair. National festivals are celebrated with aplomb. Curricular and social activities are conducted to celebrate birth and death anniversaries of great leaders. Every year a state level elocution competition is organized in memory of Pujya Kakaji, founder of SNJB. Setting up gyms in the other educational units in the Campus and in the neighboring villages and



Hemoglobin checkup camps are one of the best extension practices. Certificate courses are conducted at the departmental level. DMLT course is imparted under UGC's Community College Scheme. Recently UGC-funded B Voc courses in Analytical Techniques in Pharmaceutical Analysis, Green House Management and Renewable Energy Management are also introduced. All the faculty members have undertaken research projects sponsored by agencies such as UGC, BCUD and ICSSR. The faculties participate in the seminars and conferences held in India and abroad. The College brings out annual magazine themed around a social issue.

## Profile

### BASIC INFORMATION

Name and Address of the College	
Name	SHRI NEMINATH JAIN BRAHMACHARYASHRAM (JAIN GURUKULS), KARMVEER KESHAVLALJI HARAKCHANDJI ABAD ARTS, SHRIMAN MOTILALJI GIRIDHARILALJI LODHA COMMERCE AND SHRIMAN P.H. JAIN SCIENCE COLLEGE
Address	Neminagar, Chandwad Dist. Nashik
City	Chandwad
State	Maharashtra
Pin	423101
Website	<a href="http://www.acschandwadcollege.com">www.acschandwadcollege.com</a> ( <a href="http://www.acschandwadcollege.com">http://www.acschandwadcollege.com</a> )

### Contacts for Communication

Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Gotan Hiralal Jain	02556-252126	9822512234	02556-252125	alcccchandwad@yahoo.co.in
	Messai				

IQAC / CIQA coordinator	Manoj Tukaram Patil	758-8797522	7588797522	02556-253172	manojtpatil@gmail.com
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Status of the Institution	
Institution Status	Grant-in-aid

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	Yes Minority Final.pdf <a href="https://assessmentonline.naac.gov.in/storage/app/ssrprofile/minority_doc/minori">https://assessmentonline.naac.gov.in/storage/app/ssrprofile/minority_doc/minori</a>
If Yes, Specify minority status	
Religious	Jain
Linguistic	
Any Other	

Establishment Details
Date of establishment of the college

**University to which the college is affiliated/ or which governs the college (if it is a con**

State	University name	Document
Maharashtra	Savitribai Phule Pune University	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/iiqa/univer">https://assessmentonline.naac.gov.in/storage/app/hei/iiqa/univer</a>

**Details of UGC recognition**

Under Section	Date	View Document
2f of UGC	14-01-1989	View Document ( <a href="https://assessmentonline.naac.gov.in/storage">https://assessmentonline.naac.gov.in/storage</a>
12B of UGC	13-01-2016	View Document ( <a href="https://assessmentonline.naac.gov.in/storage">https://assessmentonline.naac.gov.in/storage</a>

**Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,I**

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme
No contents	

**Details of autonomy**

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes autonomydoc_1562847258.pdf ( <a href="https://assessmentonline.naac.gov.in/storage/app/ssrprofile/autonomy_doc/au">https://assessmentonline.naac.gov.in/storage/app/ssrprofile/autonomy_doc/au</a>
If yes, has	

the College applied for availing the autonomous status?	No
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Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	Yes
If yes, name of the agency	Department of Science and Technology DSTFIST PG College Level O
Date of recognition	20-12-2018

Location and Area of Campus				
Campus Type	Address	Location *	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Neminagar, Chandwad Dist. Nashik	Rural	28.375	30269.11

## ACADEMIC INFORMATION

Details of Programs Offered by the College (Give Data for Current Academic year)						
Program Level	Name of Program/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No.of Student Admitte
UG	BA,History	36	HSC	Marathi	480	383
UG	BA,Economics	36	HSC	Marathi	480	383
UG	BA,Politics	36	HSC	Marathi	480	383
UG	BA,Marathi	36	HSC	Marathi	480	383
UG	BA,English	36	HSC	English	480	383
UG	BA,Geography	36	HSC	Marathi	480	383
UG	BCom,Commerce	36	HSC	Marathi	264	257

UG	BCom,Commerce	36	HSC	Marathi	264	257
UG	BSc,Botany	36	HSC	English	120	115
UG	BSc,Chemistry	36	HSC	English	240	235
UG	BSc,Mathematics	36	HSC	English	120	120
UG	BSc,Physics	36	HSC	English	240	235
UG	BSc,Electronics	36	HSC	English	120	120
UG	BSc,Zoology	36	HSC	English	120	115
UG	BVoc,Green House Management	36	HSC	English	50	22
UG	BVoc,Analytical Techniques In Pharmaceutical Analysis	36	HSC	English	50	21
UG	BVoc,Analytical Techniques In Pharmaceutical Analysis	36	HSC	English	50	18
PG	MA,History	24	Graduation	Marathi	120	29
PG	MA,Economics	24	Graduation	Marathi	120	28
PG	MA,Politics	24	Graduation	English	120	47
PG	MA,Marathi	24	Graduation	Marathi	120	16
PG	MA,English	24	Graduation	English	120	37
PG	MCom,Commerce	24	B Com	Marathi	30	30
PG	MCom,Commerce	24	B Com	Marathi	30	16
PG	MCom,Commerce	24	B COM	Marathi	60	53
PG	MSc,Botany	24	B Sc Botany	English	48	45
PG	MSc,Chemistry	24	B Sc Chemistry	English	48	48
PG	MSc,Chemistry	24	B Sc Chemistry	English	96	85
PG	MSc,Mathematics	24	B Sc Mathematics	English	180	130
PG	MSc,Physics	24	B Sc Physics	English	48	45

## Position Details of Faculty & Staff in the College

### Teaching Faculty

	Professor				Associate Professor				Assistant	
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female
Sanctioned by the UGC /University State Government	0				5					
Recruited	0	0	0	0	5	0	0	5	22	4
Yet to Recruit	0				0					
Sanctioned by the Management/Society or Other Authorized Bodies	0				0					
Recruited	0	0	0	0	0	0	0	0	31	18
Yet to Recruit	0				0					

### Non-Teaching Staff

	Male	Female	Others
Sanctioned by the UGC /University State Government			
Recruited	10	1	0
Yet to Recruit			
Sanctioned by the Management/Society or Other Authorized Bodies			
Recruited	10	2	0
Yet to Recruit			

### Technical Staff

	Male	Female	Others
Sanctioned by the UGC /University State Government			
Recruited	6	0	0
Yet to Recruit			
Sanctioned by the Management/Society or Other Authorized Bodies			





### Details of Visting/Guest Faculties

Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	35	3	0	38

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

Program		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
Certificate / Awareness	Male	142	0	0	0	142
	Female	288	0	0	0	288
	Others	0	0	0	0	0
Diploma	Male	22	0	0	0	22
	Female	26	0	0	0	26
	Others	0	0	0	0	0
PG	Male	210	0	0	0	210
	Female	399	0	0	0	399
	Others	0	0	0	0	0
UG	Male	832	0	0	0	832
	Female	1105	0	0	0	1105
	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	91	99	121	119
	Female	84	90	105	115
	Others	0	0	0	0
ST	Male	64	72	83	58
	Female	50	62	73	74
	Others	0	0	0	0
OBC	Male	412	481	554	566

	Female	470	642	789	805
	Others	0	0	0	0
General	Male	338	319	347	333
	Female	507	508	534	526
	Others	0	0	0	0
Others	Male	0	0	0	0
	Female	0	0	0	0
	Others	0	0	0	0
Total		2016	2273	2606	2596

### Provide the Following Details

Number of Programs	Self-financed Programs offered	New Programs introduced during the last five years
	31	31

### Provide the Following Details

Unit Cost of Education	Including Salary Component	Excluding Salary Component
22727.83	59001435	13584926

## QIF

### 1. Curricular Aspects

#### 1.1 Curricular Planning and Implementation

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

**Answer:**

The college is affiliated to Savitribai Phule Pune University, Pune and follows the curriculum prescribed by the university. The academic calendar of the university is adhered to an active plan for timely implementation is formulated by the institution to ensure effective delivery. Heads of various departments prepares policies after strategizing the best methods to successfully implement the curriculum. Faculty members are encouraged to prepare an active plan for their classroom teachings of the entire year even before the academic year commences. The preparation of such a plan helps with effective distribution of syllabus, clarity of curriculum and timely completion of the course. The teaching plans are prepared by the respective faculty who are in charge of the subjects. The subjects are allotted after careful consideration of their qualifications, subject specializations, experience and performance. Each department prepares its internal academic calendar well before the year commences. The individual teaching plans of every subject are prepared by the respective teacher along with the calendar. The teacher submits the syllabus completed in class every month to department to keep a timely check and to ensure implementation of the planning. Along with this, the respective teacher prepares course material, class notes and PPT presentations in order to be fully prepared for teaching. Continuous evaluation is maintained throughout the year by conducting tests after completion of every unit to ensure thorough understanding. Transparency and impartiality are maintained in the evaluation process. Valued answer scripts are returned to the students with suggestions to improve wherever necessary. The college follows outcome-based education. Departmental committees as a result of their rigorous assessment evaluate each student's performance and advice teaching plans based on their ability for effective teaching and learning process to ensure better results. Attention to student needs is given by the teachers and mentors. Various training and certification programs are conducted to make the students industry-ready. Several guest lectures and industrial visits are also arranged periodically to keep the students ahead of the existing knowledge. Timely feedback is obtained from the students, staff members and parents. Measures are taken to enforce necessary changes by the HODs and principal. The staff is constantly encouraged to attend orientation programmes, refresher courses, induction programmes, workshops, conferences and seminars to update their knowledge. Internal Quality Assurance Cell (IQAC) confirms that attendance registers, internal examinations, preparation of internal question papers, scheduling of other program and events are conducted properly. Through these methods of planning and implementation, effective delivery is ensured and documented through the online automation system of the college.

File Description	Document
Any	

additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com">https://acschandwadcollege.com</a> )

### **1.1.2 Number of certificate/diploma program introduced during the last five years**

**Answer: 13**

#### **1.1.2.1 Number of certificate/diploma programs introduced year-wise during the last five years**

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
3	9	0	1	0

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )

Details of the certificate/Diploma programs	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )

### **1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years**

**Answer: 4.37**

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
1	1	0	0	1

File Description	Document
Details of participation of teachers in various bodies	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )

## 1.2 Academic Flexibility

**1.2.1 Percentage of new Courses introduced out of the total number of courses across all Programs offered during last five years**

**Answer:** 63.83

1.2.1.1 How many new courses are introduced within the last five years

Answer: 30

File Description	Document
Minutes of relevant Academic Council/BOS	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

meetings.	
Details of the new courses introduced	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

### **1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented**

**Answer: 59.57**

1.2.2.1 Number of programmes in which CBCS/ Elective course system implemented.

Answer: 28

File Description	Document
Name of the programs in which CBCS is implemented	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Minutes of relevant Academic Council/BOS meetings.	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

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

**Answer: 8.44**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
478	344	77	92	46

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SS">https://assessmentonline.naac.gov.in/storage/app/hei/SS</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SS">https://assessmentonline.naac.gov.in/storage/app/hei/SS</a> )

### 1.3 Curriculum Enrichment

***1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum***

Answer:

Curriculum sensitizes the students towards ethical values ,gender issues, environment and sustainability. Human rights and Cyber security are introduced at PG level. A course in Environmental Awareness is compulsory for second year undergraduate students. It involves survey and field visit at environmentally important sites. Department of political science conducted a Certificate course in Human rights.

**Environmental Sustainability:** NSS creates environmental awareness through tree plantation, village cleanliness campaign, and low boulder check dams. The college has set up a vermicomposting unit. THE Volunteers of Earn and Learn scheme contribute to keep the campus plastic free.

The first day of every month is No Vehicle day.



The College has installed 7.2 kWh solar unit. Along with this the mother institute has 450 kWh capacity solar rooftop. The College conducts green audit.

**Gender Sensitivity:** The College organizes workshops on Legal Rights of Women in association with Taluka Vidhi Samiti. Nirbhaya Kanya Abiyan scheme of SPPU, Pune is implemented every year. Lecture of experts on gender sensitivity are conducted.

**Human Values and Professional Ethics:** Birth and Death anniversaries of great thinkers and reformers are celebrated. The values of secularism and democratic spirit are imparted through the syllabus of Political Science and history. The activities of Science Association are directed towards inculcating rational and scientific attitude. The College rigorously follows the syllabus prescribed by University. The syllabus addresses cross-cutting issues pertaining to Gender, Environment and Sustainability, Human Values and Professional Ethics into the curriculum and the list of the few courses is attached below.

Program Name	Course Title	Cross-cutting Address
F.Y.B.A.	Matrupanchak	Gender
M.A. II Marathi	Sahitya samisha v sanshodhn	
T.Y.B.A. Politics	Political Ideologies	
M.A. I	Nature of Dalit Movement in Maharashtra	
M.A. II	Socio Economic History of the Marathas	
F.Y.B.A.	Chhatrapati Shivaji and his times	
S.Y.B.A (History)	Ancient India	
T.Y.B.A.	History of the world in 20 th century (1914-1992)	
M.A. English	Literary Criticism and Theory	
S.Y.B.Com/S.Y.B.Sc./S.Y.B.A (Compulsory)	Environmental awareness	Environment & Sustainability
T.Y. B.Sc. Zoology	Environmental Biology & Toxicology	
M.Sc. Botany I	Plant Ecology & Phytogeography	
T.Y.B.A. Geography	Human Geography ,Agricultural Geography	
T.Y.B.Sc. Botany	Plant Ecology and Biodiversity	
M.Sc. II Botany	Industrial Botany II	

Program Name	Course Title	Cross-cut Address
T.Y.B.Sc. Physics	Renewable Energy Sources	
M.Sc. I Physics	Energy Studies I	
M.Sc. I chemistry	Safety in Chemical laboratories and Good Laboratory practices	
T.Y.B.Sc. Chemistry	Environmental and Green Chemistry	
F.Y.B.A. Politics	Indian Government and Politics	Huma
T.Y.B.A. Politics	International politics	
S.Y.B.A. Politics	Western Political Thought	
S.Y.B.A. Politics	Government of politics of U.K. , U.S.A.	
All P.G. Programs	Human Rights-Paper I and II	
All P.G. Programs	Cyber Security and Cyber Crime	Human Val Profession
T.Y.B.A.	Terrorism	
M.A. Marathi	Gramin and Dalit Sahitya	

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_1.3#par">https://acschandwadcollege.com/pages/naac/Key_Indicator_1.3#par</a> )

**1.3.2 Number of value added courses imparting transferable and life skills offered during the last five years**

**Answer: 19**

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Answer: 19

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Brochure or any other document relating to value added courses.	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )

### **1.3.3 Percentage of students undertaking field projects / internships**

**Answer: 35.4**

1.3.3.1 Number of students undertaking field projects or internships

Answer: 919

File Description	Document
List of students enrolled	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
Ann	

any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
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## 1.4 Feedback System

### 1.4.1 Structured feedback received from

**1) Students, 2) Teachers, 3) Employers, 4) Alumni and 5) Parents for design and review of syllabus-Semester wise/ year-wise**

**Answer:** A. Any 4 of the above

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
URL for stakeholder feedback report	View Document ( <a href="https://acschandwadcollege.com/pages/feedback">https://acschandwadcollege.com/pages/feedback</a> )

### 1.4.2 Feedback processes of the institution may be classified as follows:

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

File	Document
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Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/1</a> )
URL for feedback report	View Document ( <a href="https://acschandwadcollege.com/pages/feedback#p">https://acschandwadcollege.com/pages/feedback#p</a> )

## 2. Teaching-learning and Evaluation

### 2.1 Student Enrollment and Profile

#### ***2.1.1 Average percentage of students from other States and Countries during the last five years***

**Answer:** 0.01

2.1.1.1 Number of students from other states and countries year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	01	0	0

File Description	Document
List of students (other states and countries)	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
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### **2.1.2 Average Enrollment percentage**

**(Average of last five years)**

**Answer: 74.17**

#### **2.1.2.1 Number of students admitted year-wise during the last five years**

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
2596	2606	2273	2016	1730

#### **2.1.2.2 Number of sanctioned seats year-wise during the last five years**

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
3644	3518	3089	2540	2383

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

**2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years**

**Answer:** 92.12

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

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
1737	1725	1446	1171	929

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

**2.2 Catering to Student Diversity**

**2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners**

**Answer:**

SNJB's KKHA Arts, SMGL Commerce and SPHJ Science College have students from lower socioeconomic groups. Access to educational facilities before they enter into higher education vary causing diversity at competence levels. Language proficiency, competence, familiarity with techniques and technology, subject knowledge and the extent of motivation are a few of the determining factors revealing advanced and slow learners. The learner-levels are assessed at varying stages of the teaching-learning process. At



the entry stage, the overall percentage of marks obtained at the qualifying examination is an indicator. Students' language proficiency, regularity, attentiveness and participation in class activities are other indicators. Learners are also assessed on the basis of their social skills and initiative in departmental activities. Students' performances in the various internal and external evaluation provide another way of determining learner-levels. Continuous evaluation system is strictly implemented at the PG level where seminars, open book test, multiple choice test and surprise tests are conducted. Based on these various indicators, the varying educational needs of the advanced and slow learners are observed.

**Special Programs:** The College offers equal opportunities to all learners. Moreover, some extra efforts are taken to cater to the special needs of advanced and slow learners.

Slow learners are provided with

- SPPU, Pune funded Special Guidance Scheme
- Remedial Teaching
- Personal Counselling
- Lectures of experts
- Tests/tutorials
- Extra lectures

Advanced learners actively participate in

- General Knowledge Competition
- Intercollegiate CHEMIAD Competition organized at M S G College, Malegaon. Students of the College won the Competition two times.
- MADHAVA Examination for Mathematics (Funded by TIFR)
- Ramanujan Mathematics Competition
- Training in Scientific Writing
- Avishkar Research Competition
- Workshops on NET/ SLET
- Annual Magazine "Anand"
- State/ National Level Seminars/ Conferences organized by the College and other institutes. The College sponsored 18 students to participate in the annual conference of Indian Science Congress in 2018-19
- Elocution Competition
- Soft Skills Development Programme
- Students' Seminars at the departmental level

The students who excel in curricular, extracurricular, cultural and extension activities are awarded every year.

Additionally a seven day Student Induction Programme was conducted for the first year students of Arts Commerce and Science Faculties. During this programme mentees were allotted the mentors. The purpose of Induction Programme was to create a rapport between students and the teachers and to handle their anxieties. The students were informed about the objectives of Higher Education and the active role of students in nation building.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_I">https://acschandwadcollege.com/pages/naac/Key_I</a> )

### 2.2.2 Student - Full time teacher ratio

**Answer:** 32.45

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

### 2.2.3 Percentage of differently abled students (Divyangjan) on rolls

**Answer:** 0.15

2.2.3.1 Number of differently abled students on rolls

Answer: 04

File Description	Document
List of students(differently abled)	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10</a> )
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10</a> )
Any other	

document submitted by the Institution to a Government agency giving this information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10</a> )

## 2.3 Teaching- Learning Process

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

#### **Answer:**

The College effectively integrates student centric methods such as experiential learning, participative learning and problem solving methodologies. It ensures that teaching - learning process is made two way.

#### **Experiential Learning**

The teaching faculty promotes experiential learning. The main objective of this method is to learn by doing or to learn from experience which focuses content and process. It is based upon the principle that if the students are encouraged to learn in a new and not so far perceived zone, the extent of learning is greater. The mode of experiential learning is mostly implemented in the departments of Botany, Zoology, Chemistry, Physics, Geography and Commerce. Students of Botany & Zoology survey flora and fauna in the localities they reside in. The second year students of the college present environmental survey of the sites, they visit. Study visits are organized by different departments of the college. The students of commerce attend the annual general meetings of credit cooperative societies.

#### **Participative Learning**

Interactive and participatory learning is encouraged through class seminars, group discussion, industrial visits, student's projects are practiced. Educational and subject related videos are shown to the students. Even the students are encouraged to participate in various academic conferences, workshops, seminars, competition etc.

#### **Problem solving method**

Problem solving method is more concretely implemented in Natural Sciences. Students are trained in scientific operation skills as such activities are a direct part of curriculum and they help to develop reasoning power.

Most of the subjects in natural sciences are interdisciplinary, giving a free space for problem solving. Statistical techniques are used in pure and social sciences. Statistical tools and techniques is a part of syllabi of Commerce (at F.Y.B.Com. level), Economics (at T.Y. B. A. Level) Geography (at T.Y. B. A. Level), Botany (T.Y. & M.SC.), Zoology (T.Y. B. Sc.). Case study is a part of syllabus of Business Environment and Entrepreneurship. The Social Sciences reflect upon prevailing issues and challenges. Democracy, secularism & justice to cite a few.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_2.3">https://acschandwadcollege.com/pages/naac/Key_Indicator_2.3</a> )

### ***2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.***

**Answer: 95**

2.3.2.1 Number of teachers using ICT

Answer: 76

File Description	Document
List of teachers (using ICT for teaching)	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Provide link for webpage describing the " LMS/ Academic	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_2.3#pa">https://acschandwadcollege.com/pages/naac/Key_Indicator_2.3#pa</a> )

management  
system"

### **2.3.3 Ratio of students to mentor for academic and stress related issues**

**Answer:** 38.75

2.3.3.1 Number of mentors

Answer: 67

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

### **2.3.4 Innovation and creativity in teaching-learning**

**Answer:**

In order to transmute students into life-long learners, trend-setters, go-getters and visionaries the college plans and implements various activities which help them to develop their critical thinking and creativity with innovative minds.

For this the college adopts various teaching-learning methods like group activities, group discussion, seminars, projects, field surveys, poster presentations, essay writing, research project, study tours, industrial visits, quiz etc.

The college provides autonomy and encourages the teachers to be creative and use different methods like using modern teaching aids and various innovative teaching-learning methods.

Use of innovative teaching methods like use of ICT enabled classrooms, project based and research based learning, activities on current issues like environmental issues, water management helps to create an environment developing innovative mindset amongst the student, encourage creativity and also develops skills to apply the knowledge in day to day life.

The activities like Wild Vegetables Festival initiated by Department of Botany spreads awareness amongst students about medicinal properties that wild vegetables possess. It motivates them to adapt traditional roots of

low maintenance and sustainable plant-based food production and understand the importance of forest gardening. Department of Physics and Electronics have been actively involved in conducting practicals based on solar systems and thus raising the awareness amongst students about the importance and necessity of solar energy. To encourage students for research Department of Chemistry guides UG and PG students for research based projects and provide them training in handling various instruments for example UV-Vis Spectrophotometer, IR instrument, fluorescence spectrophotometer required in the field of research. Department of Mathematics organizes Ramanujan Mathematics Competition for all B.Sc. and M.Sc. students to motivate students for appearing in various competitive and qualifying exams. Our students are regular participants in Chemiad Competition and Madhava Mathematics Competition. It helps the students to think out of the box, look at the issues with different angles, understand different perspectives and at the same time trains them to respect different opinions.

To enhance research culture among students and teachers college encourages them to participate in Avishkar and showcase their innovations and creativity on the platform of the College. Students are also promoted to participate in research based workshops, conferences and oral poster presentation competitions.

Different departments organize industrial visits for students to make them understand their work culture, the processes of production and the techniques of marketing and overall management. Students get benefited by this practice as it gives them a hands-on experience and they get acquainted with pragmatic aspects of what they learn. These practices generate students' interest in the curriculum.

The college regularly organizes programs on Soft Skills Development. These programs are designed using a classroom to boardroom approach enabling the students to be corporate-friendly when they pass out from the college. Students participate in NSS and involve in extension activities and community outreach programs.

The college also shares e-references using different social media tools and enables students to update themselves.

These initiatives help to improve the learning environment, help students to understand self-potential, make them more confident.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

## 2.4 Teacher Profile and Quality

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

**Answer:** 98.15

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a>
List of the faculty members authenticated by the Head of HEI	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a>

### 2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

**Answer:** 20.81

2.4.2.1 Number of full time teachers with Ph.D. year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
16	15	13	13	12



File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

#### ***2.4.3 Teaching experience per full time teacher in number of years***

**Answer:** 6.39

##### **2.4.3.1 Total experience of full-time teachers**

Answer: 511

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

#### ***2.4.4 Percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years***

**Answer:** 36.44

##### **2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year-wise during the last five years**

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
13	01	04	03	04

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
e-copies of award letters (scanned or soft copy)	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

**2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years**

Answer: 0

2.4.5.1 Number of full time teachers from other states year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
0	0	0	0	0

File Description	Document
List of full time teachers	

from other  
state and  
state from  
which  
qualifying  
degree was  
obtained

View Document

(<https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2>)

## 2.5 Evaluation Process and Reforms

### ***2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level***

**Answer:**

#### **Continuous Internal Evaluation for P. G. Level -**

SPPU introduced Choice Based Credit System (CBCS) in 2013-14. Teachers evaluate a student on the basis of his performance in written tests, class presentations/seminars, open book tests, viva and home assignments. Internal Continuous Evaluation is given 50% weightage. For all the elective courses, the departments set the question papers and assess the answer scripts as well as conduct practical examinations. If a student could not attend the written test due to some unavoidable reasons then the teacher may consider a request for retest in writing with furnishing the reason of absence. The remaining 50% of the marks are awarded through the End Semester Examination (ESE). A student has to obtain 40 % marks taken together of CA and ESE (ESE) with a minimum of 30% in each of these separately Marks obtained by the students in continuous evaluation and in End Semester Examination ESE) which is conducted by University are converted into grades. The major reforms introduced by SPPU include online question papers for all examinations. This password-protected question papers are received by the College just before the start of the respective examinations.

#### **Internal Evaluation for U. G. Level -**

Arts, & Commerce faculty evaluation comprises of 100 marks for every subject. Out of this for evaluation Term End Examination is conducted at the end of First Term for 60 Marks and these are converted in 20 Marks and for remaining 80 marks University Annual Exam is conducted. 20 marks are allotted to practical. F. Y. B. Sc. follows 20+ 80 pattern. For S.Y.B.Sc. & T.Y.B.Sc. Semester pattern is applicable where in for each semester per subject 50 marks are allotted by university out of which 10 marks are given by subject teacher for the internal exam at department level and for 40 marks SPPU Pune sets the question paper. Practical are treated as an independent course of 100 marks. Twenty marks are allotted by internal

examiner and 80 marks by external examiner. Question Papers are set by the SPPU Pune and are forwarded online to the College 10-15 minutes prior to commencement of examination. Central Assessment Program is conducted at the Examination Section of the College for Evaluation of First Year Answer Papers. For second and third year the CAP center is selected by SPPU Pune. From the academic year 2016-17, the College has been organizing the Graduation Ceremony. Other reforms include surprise tests, open book tests, and reports on study tours, field visits, industrial visit excursions, quiz, and poster competitions.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/examination">https://acschandwadcollege.com/pages/examination</a> )

### ***2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety***

#### **Answer:**

##### **Mechanism of Internal Assessment at Postgraduate Level**

The PG courses follow the CBCS pattern of SPPU Pune. It includes a mid Test, classroom tests, surprise tests, quizzes, Presentations, assignments, projects, viva, preparation research paper, open book test, report based on industrial visit or study tour etc. The schedule of internal examinations is decided by the concerned department and shared with the students well in advance and adequate time is given to the students for preparation. On an average, over a period of 4 months consisting 60 clock hours 4 internal examinations are conducted. The complete guidelines and rules regarding examinations are provided in the College Prospectus and also shared with the students during admission process and at beginning of the curriculum. The continuous internal evaluation conducted by the postgraduate departments provides an excellent opportunity to the students to not only showcase their learning but also to develop their skills such as academic writing, research methodology, public speaking. It also enhances their participation in classroom activities and improves the overall teaching-

learning process and shows the transparency involved in the Continuous Internal Evaluation. After the internal evaluation, students' performance is discussed with the students and necessary suggestions are given for further improvement. If any students remains absent or find himself unable to complete the Continuous internal Evaluation or part their of being given an opportunity to reappear or complete the assignments of continuous internal evaluation only after his application requesting for it and stating the inevitable reason of his non compliance. The said application is sanctioned by the principal on recommendation of concern heads of the departments.

### **Mechanism of Internal Assessment at Undergraduate Level**

For undergraduate students, internal assessment comprises Regular term end examinations, Supplementary Term End Examinations, Practical Examinations (Oral) and Assignments or Class room test according to requirement. Practical are conducted regularly and according to a well-planned and properly communicated schedule. All prescribed practicals are conducted and the students are given sufficient training in carrying them out. Thus, students are prepared to perform well in the practical examinations. Regular Term-end examination is conducted at the end of the first term by Exam Department of the College. Term-wise syllabus as prescribed by the affiliating university, SPPU Pune is completed in each term. The internal examinations are conducted following the same model as of the final examinations. Supplementary term end exam is also conducted for the students those who are goin participating in Sports Competition, Competitive or Professional Examinations like CA, CS, ICWA etc. and their exam is falling in the schedule of our Regular Term End Examination. Provided a student has to make an application well in advance which evidences the same.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="http://exam.unipune.ac.in/Pages/PhotocopyReval.ht">http://exam.unipune.ac.in/Pages/PhotocopyReval.ht</a> )

**2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient**

**Answer:**

Grievances related to the internal assessment and Term End Examinations are handled by the examination department of our College whereas grievances related to the University Annual Examinations are forwarded to the SPPU Pune through the College. The students can submit online forms of revaluation within seven days after declaration of online results. As the initial part of the process the students can demand a photocopy of their answerpaper. They can seek the suggestions of their peers and teachers before applying for actual revaluation. As per the policy of the University, The photocopies of answerpapers are emailed and specific schedule of applying for revaluation is conveyed to the students on their registered email. The process of revaluation is thus time-bound and student-centred and does not interfere the routine office work. The results of revaluation are mailed to the students and the college office also. In case of change in marks, the corrected statement of marks are sent to the College. For smooth conduct of internal examinations a separate Examination Committee is formed in the institute. It displays the schedule of submission of examination forms and conduct of the examinations. In case of grievances of the first year students, the College collects the applications of revaluation in the prescribed formats and the papers are forwarded to the concerned departments and are verified and re-evaluated. Students are free to approach teachers, heads of departments to resolve their queries related to the marks obtained in internal assessment or term end exam if any. Moreover in the post exam period concerned teachers discuss with the students the standard or probable model answers of question papers of term end examinations. If the student concerned is not satisfied by the procedure mentioned above, they can approach to the Controller of Examination of our College or the Principal. The grievances related to online submission of forms, incorrect entries on examination hall ticket, change in the candidate's name and others are addressed to by the office and the CEO well in time. The office staff communicates with the University for timely redressal of such grievances. As for the grievances related to University examinations, the time taken depends on the policies of the SPPU. The grievance redressal mechanism of our institute pertaining to examination grievances is efficient as all complaints are entertained without exception and are resolved within a reasonable amount of time. Students can drop examination –related queries into the suggestion box. Thus examinations grievance redressal mechanism of our institute is crystal clear and time bound. Recently the university is adopting stringent measures to minimize students' grievances related to the evaluation process and to ensure smooth conduct of examinations. It publishes the list of defaulters in the conduct of examination on its website.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/examinator">https://acschandwadcollege.com/pages/examinator</a> )

#### ***2.5.4 The institution adheres to the academic calendar for the conduct of CIE***

##### **Answer:**

The academic calendar of the College gives details about the pattern of the continuous internal evaluation system. The schedule of Continuous Internal Assessment is prepared by different departments in tune with the academic calendar. The processes of internal evaluation at UG and PG level are mentioned in the prospectus also. As far as the undergraduate courses are concerned, the Internal Exams, Term End Exams are held according to a time table announced in advance through notices circulated in the classrooms and displayed on the notice boards. The format of question paper of term end examinations is formulated by the University and which is followed by the College. The concerned heads of the department submit the questionpapers. to the Examination Committee. Internal squads are appointed to ensure smooth conduct of term end examinations. Unit tests and seminars are conducted at the departmental level. In PG courses the Continuous Internal Evaluation system is a major component with 50% weightage. The schedule of internal assessment is formed by the concerned departments and is conveyed to the students well in advance through What's App groups. The marks of internal assessments and examinations are submitted online as per time framework stipulated by the University. The affiliating university, SPPU, prescribes the overall framework of time as far as annual examination time table is concerned for all the faculties. The Examination Committee conducts meetings to see to it that the examinations are systematically conducted in fair atmosphere. The introduction of Credit Based System at all UG classes from the academic year 2019-20 is going to strengthen CIE.

File Description	Document

Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/academic-c">https://acschandwadcollege.com/pages/academic-c</a> )

## 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 on website and communicated to teachers and students***

#### **Answer:**

Programme outcomes, programme specific outcomes and course outcomes are defined by respective board of studies of SPPU, Pune. Programme outcomes are assessed through classroom sessions and activities such as students' seminars, group discussion and internal assessment mechanism. The gaps between expected outcomes and actual attainment and the corrective measures can be identified.

The academic results are one of the indicators of attainments of PO's, PSO's and CO's. In Science faculty at UG level the attainment is semesterwise. At the end of semester theory exam carrying 40 marks is conducted and 10 marks are allotted for internal evaluation. In Arts and Commerce faculty, termwise pattern is followed. At the end of the first term 60 marks exam is conducted. Performance of the students is converted as out of 20. At the end of the second term 80 marks examination is conducted. UG courses in Arts and Commerce follow the annual pattern. At PG level 50 marks are allotted for continuous internal evaluation and 50 marks for university exams in each semester. The following table shows students' performance in comparison with university results.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )



Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_I">https://acschandwadcollege.com/pages/naac/Key_I</a> )

### ***2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution***

#### **Answer:**

Programme outcomes, programme specific outcomes and course outcomes are defined by respective board of studies of SPPU, Pune. Programme outcomes are assessed through classroom sessions and activities such as students' seminars, group discussion and internal assessment mechanism. The gaps between expected outcomes and actual attainment and the corrective measures are identified.

The academic results are one of the indicators of attainments of PO's, PSO's and CO's. In Science faculty at UG level the attainment is semester wise. At the end of semester theory exam carrying 40 marks is conducted and 10 marks are allotted for internal evaluation. In Arts and Commerce faculty, term wise pattern is followed. At the end of the first term 60 marks exam is conducted. Performance of the students is converted as out of 20. At the end of the second term 80 marks examination is conducted. UG courses in Arts and Commerce follow the annual pattern. At PG level 50 marks are allotted for continuous internal evaluation and 50 marks for university exams in each semester. From the academic year 2019-20 first time a credit system has been introduced by university at first year of under graduate level and at post graduate level the existing 2013 credit system has been amended by university. as per these amendments now at UG level the attainment will be semester wise.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/pos-psos-a">https://acschandwadcollege.com/pages/pos-psos-a</a> )

### 2.6.3 Average pass percentage of Students

**Answer:** 62.57

2.6.3.1 Total number of final year students who passed the examination conducted by Institution.

Answer: 438

2.6.3.2 Total number of final year students who appeared for the examination conducted by the institution

Answer: 700

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )

Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/2</a> )
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## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Answer:**

### 3. Research, Innovations and Extension

#### 3.1 Resource Mobilization for Research

**3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years (INR in Lakhs)**

**Answer:** 91.17

3.1.1.1 Total Grants for research projects sponsored by the non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year-wise during the last five years(INR in Lakhs)

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
20.60	00	18.75	14.869	36.95

File Description	Document
List of project and grant details	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
e-copies of the grant award letters for research projects sponsored by non-government	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

**3.1.2 Percentage of teachers recognised as research guides at present**

**Answer: 7.5**

3.1.2.1 Number of teachers recognised as research guides

Answer: 6

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

**3.1.3 Number of research projects per teacher funded, by government and non-government agencies, during the last five year**

**Answer: 2.39**

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

Answer: 33

3.1.3.2 Number of full time teachers worked in the institution during the last 5 years

Answer: 69

File Description	Document
Supporting document from Funding Agency	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
Funding agency website	View Document ( <a href="https://acschandwadcollege.com/pages/grants-rece">https://acschandwadcollege.com/pages/grants-rece</a> )

## 3.2 Innovation Ecosystem

### ***3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge***

#### **Answer:**

##### **(i) Central Instrumentation Facility**

The college avails central instrumentation facility. UV-Vis spectrophotometer and FTIR have been installed on self finance basis. Students and the staff utilize these instruments for research purposes. These instruments are also a part of curriculum at PG level and the concerned faculties train the students in the use of those advanced equipments.

##### **(ii) Development of research labs with the assistance from Piramal Industries Limited**

The college developed research labs consisting of the following equipments with the assistance of Piramal Industries.

Rotavapor, Cooling Centrifuge, Refrigerator (-86oC, -22oC), CO2 incubator, PCR Machine, Electrophoresis apparatus with power pack (Vertical, Horizontal), Hydrogenation machines, Oven, Microcentrifuges, Micropipettes, etc. Piramal provided these instruments and even high quality chemicals, glassware at the concessional rates.

##### **(iii) Composting, Vermicomposting**

The Composting and Vermicomposting units were established in the College. The college spread this information among sister-institutes and they also set up composting units at their respective locations. The units broadly helps to supply biofertilizers and even in environment-friendly disposal of waste. Students of the college were trained in Composting and Vermicomposting.

##### **(iv) GST workshops**

GST was introduced in 2018 by Government of India and opened up avenues of employment to the youngsters. Keeping in mind this, the College invited experts in GST to interact with the students.

##### **(v) GIS workshop**

Dr. Kudnar introduced uses of GPS to the students and organized a one day workshop on GIS for the students of Geography and Botany (UG & PG). He attended a twenty one day workshop on GIS held at Parvatibai Chowgule College of Arts & Science, Goa in 2015.

(vi) **PCB Designing**

Department of Electronic Science provided training in PCB designing to the final year students of Electronic Science in association with Dr. Kanade from PVP College, Loni (MS). Twenty four students were trained with the Deetrace software for layout designing and physically preparation of PCBs.

(vii) **Consultancy**

Department of Botany provides free of consultancy for taxonomic plant identification to the students, researchers, and faculty members of Pharmacy, Medical, and other institutes including society. Even they provide the consultancy for biofertilizers.

(viii) **Expert Guest Lectures**

All the PG Departments organised guest lectures on the recent trends of concerned subjects both academic and research. These expertises benifited the students and faculty for the upgradation of knowledge in the concerned field. Especially science subjects, Botany, Chemistry, Mathematics and Physics carried out these activities for the students and faculty.

(ix) **Faculty Contribution**

Most of the faculty members are doctorate in science faculty in Physics, Botany & Chemistry and expertise in the concerned subject. This expertise can be utilized foe the benifit of students. As a example Dr. Jain visited abroad and contributed alot in the field of Nanotechnology. He was invited as a Expertise to set the laboratories in Foreign Universities like University of Nigeria, Nsukka and University of Witwatersrand,Johannesburg, SOUTH AFRICA and even a Resorce person in International coferences abroad. An international collaboration was developed through these visits and 2 foreign students visited our campus for research.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/321%20final%20for%20webfile_name5d5cf8">https://acschandwadcollege.com/up-images/naac_document/321%20final%20for%20webfile_name5d5cf8</a> )

**3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years**

**Answer: 19**

3.2.2.1 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
6	2	5	4	2

File Description	Document
Report of the event	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1</a> )
List of workshops/seminars during the last 5 years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1</a> )

### 3.3 Research Publications and Awards

**3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research**

**Answer: Yes**

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

Any additional	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
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information

### ***3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards***

**Answer:** Yes

<b>File Description</b>	<b>Document</b>
e- copies of the letters of awards	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

### ***3.3.3 Number of Ph.D.s awarded per teacher during the last five years***

**Answer:** 0.83

3.3.3.1 How many Ph.Ds awarded within last five years

Answer: 5

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

Answer: 6

<b>File Description</b>	<b>Document</b>
URL to the research page on HEI web site	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
List of PhD scholars and their details like name of the guide , title	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )



of thesis, year of award etc	
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

### **3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years**

**Answer:** 0.45

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
16	6	5	2	2

File Description	Document
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List of research papers by title, author, department, name and year of publication	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

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

**Answer:** 1.09

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

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
08	05	16	23	23

File Description	Document
List books and chapters in edited volumes / books published	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

**3.4 Extension Activities**

**3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years**

**Answer:**

**Response:**

The college frequently organizes manifold extension activities in association with neighborhood community. The social activities are arranged through NSS & Student Welfare to fulfill community needs and to benefit the deprived sections of society.

### **Impact & Importance of extension activities in the neighborhood communities**

The college has an active unit of NSS which consists of 250 volunteers and 03 program officers. In every academic year the college selects a nearby village and organizes a special camp for a week. The College ensures the participation of villagers in the activities of the camp. Before selecting the village the programme officers interact with local community to identify their social needs. There after the schedule of the camp is fixed. The means of transportation and other basic amenities are often provided by the villagers. Until now, the NSS has undertaken the beneficial activities such as construction and repairing of roads, construction of check dams in the villages having the huge cost. Health check up camp is organized at the villages in association with SNJB's Homoeopathy Medical College.

### **Extension activities in sensitizing students to social issues and holistic development:**

The Student Welfare section which is funded by University carries out various activities like Nirbhay Kanya Abhiyan, Workshops on Disaster management, Workshops on Personality Development, Special Guidance Scheme, Earn and Learn Scheme, AIDS Awareness Program and Road Safety Initiatives for developing character and discipline amongst the students.

NSS department has organized several social activities like Gram Swachhata Abhiyan, Tree Plantation, Blood Donation Camps and Blood Group Check-Up, awareness programmes on human rights, cybercrime and cyber security, voter awareness programme and lectures on GST . Efforts are taken by the College to sensitize the students about social responsibilities. The College has been recently granted Rs 7 lakh under MHRD's Unnat Bharat Scheme. The scheme is implemented in 5 neighbouring villages of Chandwad. The College has undertaken activities such as tree plantation, socioeconomic survey and survey on beneficiaries of the schemes of the State and the Central Government. The College has conducted summer internship programme on Swachta Abhiyan. Extramural Education Centre organizes workshops for senior citizens.

File Description	Document
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Link for  
Additional  
Information

View Document ([https://acschandwadcollege.com/up-images/naac\\_document/341%20File\\_name5d5d67c1e8aa9.pdf](https://acschandwadcollege.com/up-images/naac_document/341%20File_name5d5d67c1e8aa9.pdf))

**3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years**

**Answer: 11**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
02	00	03	05	01

File Description	Document
Number of awards for extension activities in last 5 years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
e-copy of the award letters	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

**3.4.3 Number of extension and outreach Programs conducted in collaboration with Industry, Community and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., during the last five years**

**Answer: 44**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
05	12	04	16	07

File Description	Document
Reports of the event organized	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1C">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1C</a> )
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1C">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1C</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1C">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/1C</a> )

**3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years**

**Answer: 55.69**

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
2094	1369	1169	998	767

File Description	Document
Report of the event	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
Average percentage of students participating in extension activities with Govt or NGO etc	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/3</a> )

### 3.5 Collaboration

#### **3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years**

**Answer: 44**

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
16	06	13	06	03

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

Copies of collaboration	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
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**3.5.2 Number of functional MoUs with institutions of National/ International importance, Other Institutions, Industries, Corporate houses etc., during the last five years (only functional MoUs with ongoing activities to be considered)**

**Answer: 16**

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year-wise during the last five years (only functional MoUs with ongoing activities to be considered)

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
07	02	01	03	03

File Description	Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Details of functional MoUs with institutions of national, international importance, other universities etc during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

## 4. Infrastructure and Learning Resources

### 4.1 Physical Facilities

**4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.**

**Answer:**

**Response:**

The College infrastructure facilities for Teaching and learning include 45 classrooms, 06 Seminar Halls (03 on sharing basis), 06 laboratories cum classrooms, 20 Laboratories, 01 dark-room in Physics Department, 02 Storage Rooms for Chemicals, 03 Computer Labs: (01 Commerce ,01 Mathematics, and 01 Computer center), 03 Research Laboratories with Adequate research facilities. The college is having state of art Central Instrumentation Facility with Recently the College is sanctioned Rs 50 lakh under DST-FIST Scheme. The College has constructed new laboratories to meet academic demands. All laboratories have hi-speed internet facility. The College implements hazard free and environment-friendly system of disposal of the chemical waste. Every year the College purchases instruments and equipments through its own resources and through Quality Improvement Scheme of the University.

The Sports Department has 01 Indoor Sports Hall and Separate Gyms for boys and girls. They are well maintained.

Knowledge and resource center (library) has 02 Stack Rooms: One for References and another for Textbooks and separate reading rooms for boys and girls. Library subscribes more than 100 national and international journals. It provides encyclopedias, rare books, reports , e-books and dictionaries devoted to specific areas. There is a separate section on reference books on state and central competitive and NET and SLET examinations. OPAC, book bank and lending facilities are also availed by the library.

The ICT facilities in college include 05 Moveable LCD projectors, 01 overhead Projector, 01 video camera, 01 Picture camera, 159 computer, 07 laptops, 04 photo coping machines, 35 Printers with scanner facility, 02 television set (1 LCD +1CRT), 07 Smart LED Television set. Mother institute has state of art seminar hall (fully air conditioned) with LCD Projector which is utilized for major activities such as state and national level seminars, conferences and workshops. College has CEC-UGC Educational DVD's for different subjects. Licensed copies of software are preferred. The



departments of Botany, Zoology, Electronic Science, and Geography have educational charts and models. Most of the teachers in our college use power point presentations for teaching and learning.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_I">https://acschandwadcollege.com/pages/naac/Key_I</a> )

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

##### **Answer:**

##### **Response:**

The college has well developed sports facilities since 1970. College has set up separate gymnasium for boys and girls

- The area of boys' gymnasium is 9 x 9 Mtrs. and girl's gymnasium is 5.5 x 6.80 Mtrs.
- The college has opened up these facilities for the community use.
- College has opened 4 gymnasiums at the villages- Dighwad, Panhala, Ganur, Bhoyegaon and Dighwad.

The facilities for the following games are available.

- Outdoor games – i) Kho-Kho ii) Kabaddi iii) Volleyball iv) Archery v) Cricket vi) Boxing vii) Basketball viii) Cross-country ix) Athletics.
- Indoor games- i) Table Tennis ii) Chess ii) Weightlifting iii) Power lifting iv) Body-building v) Wrestling vi) Carrom
- The sports facilities include a 200M track.
- Coaching activity includes extra coaching to students willing to join military and army services. Fifty six students have joined military and army services till date.

The Gym is well-maintained and avails the following equipments Treadmill (02), Multi gym (02), weight lifting machines (03), Hack squat (01), Smith Machine (01), Cable cross machine (01), Bench Press (06), Weight set (02), Dumbbells(10 set), Standing and sitting twister (02), Weight bar

(20), Electronic Weighing Machine (01), Wrestling Mats (52), Double Bar(01), Single Bar (01), Racing bicycle (04), Exercise bicycle (02), Foot massager (01) etc.

Cultural activities are conducted on “Sankalecha Kala Manch” as well as in the seminar Hall.

The following musical instruments and other allied accessories are available.

Harmonium (01), Tabla (03),Dholki (01),Dhol (01),Kach (01), Kango(01),,Casio ( Keyboard) (01), Banjo (01),Taal (02),Halagi (01), Amplifier Set (01) including collar mike and cordless mike (01), Sanai (02),Mouthpiece (02).

Ahuja Speaker 50Watt (03),Amplifiers 250 watt(01),Amplifiers 100watt (01),Amplifiers 50watt (01), Amplifiers 35 watt (01), Pilar SpeakerUnit(04),VCR(01),C.D.Plyer(01),Tape recorder (01),Professional PA Microphone electrets condenser (2)unidirectional (02),USB Box (Mega) (01),Dynamic unidirectional Microphone AUD-98 XLR (02),Wireless Receiver AWM-520 V Ahuja (03),Ahuja Microphone CTP-10M (02), Announcement loud Speaker With Unit (04),Charging Amplifier with speaker (02).

International Yoga Day is celebrated in college every year since its inception on 21st June.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_4.1#par">https://acschandwadcollege.com/pages/naac/Key_Indicator_4.1#par</a> )

#### **4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc**

**Answer: 37.74**

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 20

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Link for additional information which is optional	View Document ( <a href="https://www.youtube.com/channel/UChPhp2J0wVcF">https://www.youtube.com/channel/UChPhp2J0wVcF</a> )

**4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.**

**Answer: 34.4**

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year-wise during the last five years (INR in Lakhs)

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
73.50	59.50	36.00	38.00	14.50

File Description	Document
Details of budget allocation, excluding salary during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

Audited utilization statements	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

## 4.2 Library as a Learning Resource

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

#### Answer:

#### Response:

Since last five years **knowledge and resource centre (library)** is fully automated using **integrated library management System.(ILMS)**.

Up to 2013-14, the knowledge and resource centre had used '**Library Manager**' **Software version 2.0.0** developed by 'pollen grain software Solutions'. It was **partially automated software**.

Knowledge and resource centre upgraded ILMS in academic year 2014-15 and since then uses **fully automated 'VRIDDHI College Administration Software' version 2.0**.

Sr. No.	Name of ILMS Software	Nature of automation (Partially/fully)	Version	Year of automation
1	Library Manager	Partial	2.0.0	2006-2007
2	VRIDDHI College Administration	Full	2.0	2014-15
3	Digital Edu	Full	-	2018-19

**Digital edu software is specially designed for attendance of students and staff as well as visitors.**

File Description	Document
Link for	View Document ( <a href="https://acschandwadcollege.com/up-">https://acschandwadcollege.com/up-</a>

**4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment****Answer:****Response:**

Knowledge and resource centre was established in 1970. The knowledge and resource centre makes all efforts to gain useful books including rare books, reports, thesis and other updated knowledge resources. The special collection is useful for the researchers and the students who are keen on gaining advanced knowledge. The Special Collections include books which are first editions, highly priced books, proceedings, reports and thesis and back issues of highly reputed journals donated by Piramal Enterprises Limited, dictionaries devoted to specific subjects and references on competitive examinations and SLET and NET examinations. Rare books include the collection of reference books of Botanical Survey of India (BSI), Kolkata (Ministry of Environment, Forest and Climate Change) and bound volumes of referred journals, Pharmacopoeia, Chemical Abstracts, Scientific reports and literature on Jainism. The college has also purchased the Kindle e-books. In addition to this, library is enriched with encyclopaedias on science, Indian history, world history, language, dramatics, politics, geography, Indian revolutionaries and rivers in India. Some Encyclopedias are available in Hindi and Marathi also. A multivolume "Marathi Vishwakosh" and "Sanskriti Kosh" are kept in the library. College also provides the link to the rarebooks website such as

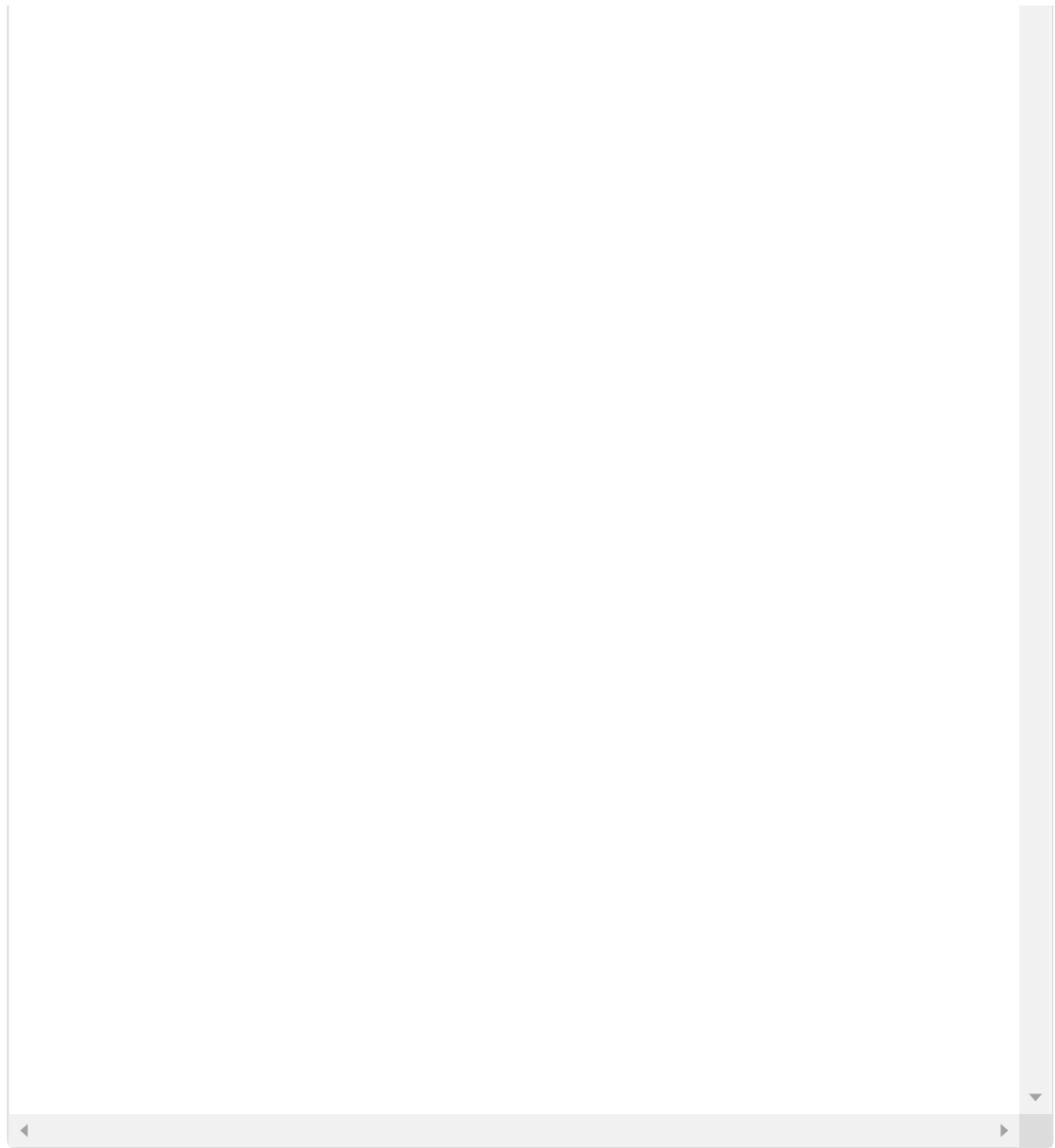
<https://www.rarebooksocietyofindia.org/>

<https://rarebookroom.org/>

At present the college subscribes 95 national and international journals from well known publishers and institutes- Indian Science Academy, Sage Publications, Sahitya Academy, Forum on Contemporary Theory, J N U, and NISCAIR -CSIR. The library prefers the standard and updated references from Oxford, Cambridge, Wiley, Routledge, Tata- McGraw Hill, Orient- Blackswan, S Chand, Pencraft, Rawat and other international publishers. Online resources are provided by INFLIBNET, DELNET and J-Gate. The INFLIBNET provides access to more than 6000 e-journals and 3135000 e-books and books in PDF. It avails journals like Economic and Political Weekly with back issues also. On current affairs DELNET facilitates sharing of resources through network of the libraries. It promotes delivery of documents manually and mechanically. It also coordinates with other regional, national and international networks and libraries for exchange of the information and documents. J-Gate provides access to 55267 e-journals and 64307112 articles on the following subjects-

- Agricultural & Biological Sciences
- Basic Sciences
- Biomedical Sciences
- Engineering & Technology

Every day 10000 articles are added to the storehouse of J-Gate. Apart from this 24698 open access journals and full text links to the journals from 12292 publishers are available on J-gate. Library is enriched also by the books purchased under Minor and Major Research Projects schemes of the UGC and, SPPU, Pune. Total 13916 text books and reference books are purchased in post-reaccreditation period.



File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/422%20Collection%20of%20rare%20books">https://acschandwadcollege.com/up-images/naac_document/422%20Collection%20of%20rare%20books</a> ,

**4.2.3 Does the institution have the following:**

- 1. e-journals**
- 2. e-ShodhSindhu**
- 3. Shodhganga Membership**
- 4. e-books**
- 5. Databases**

**Answer:** A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei">https://assessmentonline.naac.gov.in/storage/app/hei</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei">https://assessmentonline.naac.gov.in/storage/app/hei</a> )

#### 4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

**Answer: 7.71**

4.2.4.1 Annual expenditure for purchase of books and journals year-wise during the last five years (INR in Lakhs)

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
4.54	8.08	9.88	7.88	8.17

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Audited statements	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )



of accounts	
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

#### **4.2.5 Availability of remote access to e-resources of the library**

**Answer:** Yes

<b>File Description</b>	<b>Document</b>
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

#### **4.2.6 Percentage per day usage of library by teachers and students**

**Answer:** 15.66

4.2.6.1 Average number of teachers and students using library per day over last one year

Answer: 419

<b>File Description</b>	<b>Document</b>
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

### **4.3 IT Infrastructure**

#### **4.3.1 Institution frequently updates its IT facilities including Wi-Fi**

**Answer:**

**Response:**

The College updates IT facilities frequently. College has been providing 24 hour Wi-Fi to the students since 2017-18.

Updated versions of computers are purchased. Licensed Quick Heal total security antivirus software is installed in each computer annually. The number of routers and nodes is increased from 50 to 158. The College has purchased licensed copies of softwares. Jio Wi-Fi modules are installed. Student can use 34 MB data per day. Three media convertor are placed for efficient transmission of data in optics fibre cable communication plan. Internet data plan with 100 MBPS speed is purchased. Fifteen smart boards are installed with new short throw projectors for interactive teaching learning. DELNET is introduced from 2017-18. It facilitates interlibrary browsing and interlibrary borrowing system. J-GATE is available from 1st April 2019 which is accessible to staff as well as students.

Sr. No.	Facilities	2014-15	2018-19
1	No of computers	94	158
	No of Laptops	03	09
2	No of Internet nodes	50	174
3	No of smart board	0	15
4	No of LCD Projectors	05	15
5	Wi Fi Connection	0	01 (Jio Wi-Fi)
6	Speed	1-4 MBPS Internet connection	100 MBPS High speed Internet connection
7	No of LCD	0	9
8	No of CCTV	4	56
9	No of educational softwares	0	01

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/431%20Updation%20of%20IT%20facilities%20">https://acschandwadcollege.com/up-images/naac_document/431%20Updation%20of%20IT%20facilities%</a>

#### **4.3.2 Student - Computer ratio**

**Answer:** 16.43

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a>

#### **4.3.3 Available bandwidth of internet connection in the Institution (Lease line)**

**Answer:** >=50 MBPS

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a>

#### **4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)**

**Answer:** Yes

File Description	Document
Facilities for e-content	

development such as Media Centre, Recording facility, LCS	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Link to photographs	View Document ( <a href="https://acschandwadcollege.com/pages/ict-facilities">https://acschandwadcollege.com/pages/ict-facilities</a> )

#### 4.4 Maintenance of Campus Infrastructure

##### ***4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years***

**Answer:** 64.65

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
94.22	58.41	102.01	80.13	99.83

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

academic facilities	
Audited statements of accounts.	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/4</a> )

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

**Answer:**

**Response:**

The physical facilities include Laboratories, library, Classrooms, Gymnasium. ICT facilities include computers, LCD projectors, smart boards and photocopiers. All the admitted students pay fees for various facilities as per the guidelines and norms of statutory bodies. College administration has formed different committees for maintaining and utilizing the various physical facilities. Mother institute has contracts with the external agencies for maintenance of infrastructural facilities like electricity supply and water supply. The Mother Institute has appointed carpenters, sweepers, plumbers and electricians. Special Site Engineer is recruited to look after construction and allied works. Security Personnel are also appointed on 24 hour basis to ensure safety and security. In the post- reaccreditation period the College has spent almost Rs 7 crores for the development of physical facilities.

**Maintenance and Utilization of Laboratories:**

College has state of art and well equipped laboratories for various disciplines. Research laboratories and central instrumentation facility are availed. Central instrumentation facility provides very expensive sophisticated instruments like FTIR, UV-Vis spectroscope, PCR machine, rotary evaporator, deep cooling freeze, cooling centrifuge, SILAR, Spray pyrolysis etc. Equipments are properly maintained to avoid laboratory contamination, hazards and the safety of people working in the laboratory is ensured. Routine maintenance and servicing is done by Laboratory Assistants and Laboratory Attendants. Annual maintenance is done as per the maintenance contract condition and as per the requirement.

- Stock- checking of equipments is done at the end of every academic year. The institute purchases equipments from its own resources, QIP scheme of SPPU, Pune.and minor research projects of UGC and SPPU. The College signs MoU with external agencies for purchase and maintenance of scientific equipments.

- The College adopts environment-friendly methods of disposal of chemical waste.
- Adequate number of laboratories ensures optimum utilization for academic and research purposes.

#### **Maintenance and Utilization Computer Laboratories:**

College has three computer laboratories having 66 computers in total.

- The sweepers keep the laboratories neat and clean.
- Blowers are used to remove dust from the computers.
- Software installation is completed as per the requirements of the departments and college policy
- Machines are formatted and installed or updated with operating system, antivirus and other software timely by the special and technical staff appointed for it.
- The basic hardware and software and maintenance are done as per the annual maintenance contract.
- The UPS battery backup system is supplied to each computer and is maintained by the specially appointed college staff.
- The Computer Laboratory in main building of the campus is utilized for admission process, filling in examination and scholarship forms and even for redressal of exam-related grievances. The centre trains the willing students in the use of computer and internet resources. The students enrolled in Earn and Learn Scheme contribute to routine work in the laboratory.

**Maintenance and utilization of Sports Facilities:** College has well equipped and separate gyms for boys and girls. The college has opened up these facilities to local use. The work of maintenance of Gymnasiums (both ladies and gent) is allotted to Class-IV staff. The support of external agencies is also sought to develop amenities in the gyms. A support staff is specially appointed for maintenance of the gym. Sports equipments are purchased under QIP schemes of the UGC and SPPU, Pune. The impact of gyms is reflected in improvement of students' performance in the sports activities. Recently College has facilitated Green Gym also.

- Maintenance of sophisticated sport instruments is done by annual maintenance contract.
- Minor repair work of indoor stadium is done by technical staff of our college.
- The students of 'Earn and Learn' scheme prove a great help in maintaining the campus clean. The Sports facilities are adequately utilized. Every year Sports Meet is organized at the College level. Excellent sportspersons are annually awarded. The College regularly organizes intercollegiate and intergroup sports tournaments. It has got hostship of District Sports Committee two times in the last 5 years.

#### **Maintenance and Utilization of library**

The library is enriched with learning resources such as updated reference books, journals, textbooks, national and international level periodicals, Multimedia DVDs

- Pest control is applied every alternate month for protecting books from bookworms, white ant, termites and cockroaches
- Open access is practiced for all students including undergraduate, postgraduate, research student and teachers
- Binding of books and journals is done as per the requirement.
- Minor maintenance of books like pasting of pages etc. is done in the library itself.
- For books in very bad condition, special cloth binding or leather binding is done by outsourcing
- Library is under 24hrs CCTV Surveillance.
- The College has signed an AMC with Hindustan Computers, Malegaon.
- Library is renovated from time to time.
- Special non-teaching staff is appointed to look after the library.
- The record of issuing and receiving is digitally recorded.
- Lending and book bank facilities are also availed.
- The College was amongst top ten users of INFLIBNET
- Internet and reprography services are available to the students and the staff.
- The Library facilitates B Lib course of Yashwantrao Chavan Maharashtra Open University, Nashik in Distance Education Mode

The College has signed an MoU with Digital Edu IT Solutions Pvt. Ltd to introduce Digital Attendance System from academic year 2018-19 which includes smart ID and Library Card, attendance muster, lecture tracing college ERP and many other facilities.

### **Maintenance and Utilization of Classrooms**

The College has adequate number of Classrooms and seminar halls which are utilized for teaching and other academic purposes. Duty of cleaning the classroom is assigned to class IV staff. The classroom are painted after every 5-6 years. Electric boards and fans are maintained by the peons and the electricians on the campus. New benches are regularly purchased. Interactive smart boards are installed in 15 classrooms. Departmental activities such as guest lectures and student seminars are conducted in the Seminar Hall and the classrooms. Chalkboards are replaced by the glassboards.

### **Maintenance and Utilization of other facilities**

The sports facilities are also well-maintained. Equipments in gyms are overhauled and repaired in time. A separate staff is appointed to look after the gyms. College avails basic amenities and Braille books to Divyangjans.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/442%20Annual%20Maintenance%20Contra">https://acschandwadcollege.com/up-images/naac_document/442%20Annual%20Maintenance%20Contra</a>

## 5.Student Support and Progression

### 5.1 Student Support

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

**Answer:** 69.4

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
1368	1600	1994	1624	1118

File Description	Document
Upload self attested letter with the list of students sanctioned scholarships	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a>
Average percentage of students benefited by scholarships	



and freeships provided by the Government during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

**5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years**

**Answer:** 0.13

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
9	4	1	0	2

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

**5.1.3 Number of capability enhancement and development schemes –**

- 1. For competitive examinations**
- 2. Career counselling**
- 3. Soft skill development**

**4. Remedial coaching**

**5. Language lab**

**6. Bridge courses**

**7. Yoga and meditation**

**8. Personal Counselling**

**Answer:** B. Any 6 of the above

File Description	Document
Details of capability enhancement and development schemes	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Link to Institutional website	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_5.1#p">https://acschandwadcollege.com/pages/naac/Key_Indicator_5.1#p</a> )

**5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years**

**Answer:** 18.53

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
407	528	149	924	75

File Description	Document
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Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

#### **5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years**

**Answer:** 3.71

5.1.5.1 Number of students attending VET year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
109	29	50	50	148

File Description	Document
Details of the students benifitted by VET	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**

**Answer:** Yes

File Description	Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Details of student grievances including sexual harassment and ragging cases	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

**5.2 Student Progression**

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

**Answer:** 9.1

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
7	41	35	36	24

File Description	Document
Self attested list of students placed	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Details of student placement during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

### **5.2.2 Percentage of student progression to higher education (previous graduating batch)**

**Answer:** 20.09

#### **5.2.2.1 Number of outgoing students progressing to higher education**

**Answer:** 128

File Description	Document
Upload supporting data for student/alumni	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Details of	

Details of student progression to higher education

View Document

(<https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10394>)

**5.2.3 Average percentage of students qualifying in State/ National/ International level examinations during the last five years (eg: NET/ SLET/ GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)**

**Answer: 22.46**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
16	04	03	03	12

5.2.3.2 Number of students who have appeared for the exams year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
68	46	24	23	22

File Description	Document
Upload supporting data for the same	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

Number of students qualifying in state/ national/ international level examinations during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

### 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) during the last five years.**

**Answer: 17**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
10	1	5	1	0

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/</a> )

national/international level during the last five years	
e-copies of award letters and certificates	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/</a> )

### ***5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution***

#### **Answer:**

##### **Students' Council**

After the commencement of every academic year, Students' Council is constituted Under the provisions of section 40(2)(b) of the Maharashtra Universities Act, 1994,

Class Representatives (CR) are selected based upon their previous year's academic performances from each class. The candidate scoring highest percentage of marks in previous year's annual/ semester examination is selected as the Class Representative of the concerned class. If he/she submits his inability in written form to take the responsibility the student standing next to him/her is selected as the CR.

##### **.Objectives and functions of Students Council:**

To promote all-round development (academic, professional and personal) of students by involving them in various co-curricular and extra-curricular activities.

To promote a culture of mutual understanding and respect amongst the students and to develop leadership skills among them.

Conducting various activities/programmes at intra and inter-collegiate level.

To help in maintaining discipline and healthy ambiance on the college campus.

To offer suggestions for overall development of the College

##### **Structure of the Students' Council**

The Students' Council is constituted under the chairmanship of the Principal along with the following members.

- 1 A Teacher representative from the teaching faculty
- 2 NSS program officer



3 All class representatives elected on the basis of merit in the previous year's examination (CR)

4 Director of Physical Education

5 A student (nominated by the Principal) from each of the following categories on the basis of his/her excellent performance in

a) Sports Activities

b) NSS

e) Cultural Activities

6) Two girls' representatives nominated by the Principal Members

The college has a functional students' council. Every year the council is formed. Girls, sportspersons, NSS volunteers and the students belonging to reserved categories are given due representation.

The student council elects the University Representative. He/She is given the role of secretary of annual gathering. All the members of student council are awarded in the Annual Prize Distribution Ceremony. Member of Students Council are appointed to assist the following committees

1. Cultural Association
2. Commerce Association
3. Science Association
4. Social Sciences Association

Student representative is included in college Development Committee also. The annual gathering of the college is held in consultation with the students Council. Students' academic issues are also voiced in the meetings of student council.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_5.3#par">https://acschandwadcollege.com/pages/naac/Key_Indicator_5.3#par</a> )

### ***5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year***

**Answer: 11**

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
12	10	11	12	10

File Description	Document
Report of the event	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Number of sports and cultural activities / competitions organised per year	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

## 5.4 Alumni Engagement

**5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years**

**Answer:**

## Financial Means

Alumni raised the fund of Rs. 1,21,500/- through which water purifier (of Rs 101000/-) is purchased. Zillah Parishad Boys' School is the oldest in the town and it is dire straits. An alumnus took initiative to renovate the school and appealed the Alumni Association to contribute to the noble cause. The Association donated Rs 11000 for renovation of the School.

### Non-Financial Means

The Alumni interacts with the students regularly. The lectures of alumni are organized.

Alumni offer the services, they are engaged in to the faculties and the students at the concessional rates. Mr Mahesh Gujrathi News Representative of Daily Lokmat gives publicity to the programmes conducted in the College and also cooperates in publishing the advertisements of recruitments and of new courses. Mr Amol Kotwal is owner of Renuka Lawns and has provided services at concessional rates to organize intercollege and intergroup Kabaddi Tournaments.

Mr Rahul Ahirrao(Secretary, Alumni Association) works as an assistant teacher in P D Surana Junior College, Chandwad. He is in charge of the Computer Section. He assists the College in conducting the admission process and helps the students to fill in the scholarship forms. He trains the students in using computers and internet services. Mr Rahul Ahirrao has conducted extra lectures for students of the Commerce faculty under Special Guidance Scheme.

Alumni of the college guide the students in sports activities and contribute to the successful organization of intercollegiate and intergroup tournaments. Mr Sudarshan Pansare, ( a member of Alumni Association) is an advocate and takes initiative in conducting activities of Taluka Vidhi Seva Samiti at the College.

Alumni extend their cooperation in the organization of NSS Winter Special Camps. They provide amenities such as water and transportation at the camp sites.They appeal the villagers to attend the programmes organized in the camp.

The College is implementing Unnat Bharat Scheme in five villages. Alumni cooperate in conducting survey activities.

The College set up gym in Ganur on 15th August 2013. In the year 2017-18, Ramdas Thakare, an ex-student of the College was elected as deputy sarpanch. He took initiative and applied to District Sports Officer for the grants for extension of the gym. The District Sports Officer sanctioned the grants of Rs 3.50 lakh for renovation and updation of the gym.

File Description	Document
Any additional	<a href="#">View Document</a>

additional information	( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/alumni">https://acschandwadcollege.com/pages/alumni</a> )

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

**Answer:** 1 Lakh - 3 Lakhs

File Description	Document
Alumni association audited statements	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

#### 5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

**Answer:** 10

5.4.3.1 Number of Alumni Association /Chapters meetings held year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
2	2	2	2	2

File Description	Document
Number of Alumni Association / Chapters meetings conducted	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/5</a> )

during the  
last five  
years

Report of  
the event

View Document (<https://acschandwadcollege.com/pages/alumni#par>)

## 6. Governance, Leadership and Management

### 6.1 Institutional Vision and Leadership

***6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution***

**Answer:**

#### **Vision**

To achieve academic excellence, the material and spiritual development of the students, to strengthen the rational and scientific attitude among them and to make them well competent.

#### **Mission**

Our ultimate aim is to link education with the entire society so that underprivileged and economically disadvantaged students are benefited and they could become rational, complete, self-reliant, ethically strong and law-abiding citizens.

#### **Explanation**

Efficacy of the Management is reflected in strengthening infrastructure for research and academic activities especially in the Science faculty. The Management contributed Rs 21 lakh to build Central Instrument Facility. It also availed the infrastructure of other educational institutes to run PG courses of science faculty. The Management purchased the state of art scientific equipments at the concessional rates from Piramal Industries Limited, Mumbai. Piramal Industries donated back issues of internationally reputed journals and magazines and updated reference books also. To run curricular and co-curricular activities different associations are formed and student representatives are included in these committees. The Science Association regularly conducts lectures on spreading scientific attitude. The students are encouraged to participate in seminars and conferences organized in the College and other colleges also. The College hosted Avishkar Research Festival and Pre-selection Tests for Youth Festival. To have a strong link with the society the college organizes extension activities

through NSS and Extra-mural Educational Centre. The College established a weather station to give the farmers detailed information about the weather. Welfare programmes such as Earn and Learn, Special Guidance Scheme, Remedial Teaching, Student's Insurance and Poor Boys Fund are effectively implemented. Programmes of NSS are directed to inculcate the sense of social responsibility and ethical value of team work and mutual cooperation. The College organizes programmes such as Road Safety Campaign in association with the Police Station Chandwad and has signed MoUs with Government and non-government agencies to conduct student oriented activities. The College sensitizes students towards gender issues and conducts workshops in collaboration with Taluka Vidhi Samiti Chandwad. To make students self-reliant the College has introduced DMLT, B Voc courses. Short term certificate courses for girl-students are availed and salaries of trainers are borne by the College.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/vision-and-mission">https://acschandwadcollege.com/pages/vision-and-mission</a> )

### ***6.1.2 The institution practices decentralization and participative management***

#### **Answer:**

The strategy of trust is always to empower its institutions through its progressive management policies. The policies and plans of the college in respect of infrastructure, academic programs, recruitment and development proposals. are discussed in detail in regularly held meetings of the Management. For smooth conduct of work in the educational institutions, Prabandh Samiti (Executive Committee) is appointed by Board of the Trustees. Two permanent coordinators are appointed for the proper management, control, and planning work of the college. The College Development Committee is also formed to look into routine administration. The Principal is the secretary of this committee. Members of teaching and non teaching staff are appointed in the CDC. Vice-principal and Heads of the departments support work of the institute. At the college level, there are several committees and associations carrying out curricular and extra-curricular activities. Student representatives are included in NSS Committee, Library Committee, Science Association and Commerce Association. Members from society are appointed in IQAC and Women's Grievances Redressal Cell. Students' Council is formed according to rules of the University. Students who top respective classes and those who excel in sports and cultural activities are given representation. Girls'

representative, Sports' representative and NSS representative are appointed to the Students' Council by the Principal. Meetings of Students' Council are held and their suggestions are implemented. To conduct extension activities, NSS Programme Officer and Student Welfare Officer are appointed in the College. NSS advisory committee is also formed. Student Welfare Schemes such as Earn and Learn, Special Guidance, Training in Disaster Management and Nirbhay Kanya Abhiyan are assigned to the teaching faculties. Thus the college emphasizes participative management. All rights are decentralized according to the needs of the organization. The College identifies developmental plans and forwards it to the College Development Committee. The CDC suggests rectifications or modifications and later on finalizes and sends the plans to the Management for implementation. To integrate organizational strategies and methods of planning and implementation of policies, rules of the University and State and Central Governments are adhered to.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_6.1#par">https://acschandwadcollege.com/pages/naac/Key_Indicator_6.1#par</a> )

## 6.2 Strategy Development and Deployment

### ***6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution***

#### **Answer:**

The perspective plan of the College the top priority was given to implementing the recommendations of NAAC Peer Team for overall development of the College. The emphasis is laid on developing infrastructure for academic and research oriented activities, introducing PG, certificate, diploma and adds on courses. Following the guidelines of the NAAC during Reaccreditation, the College plans to cultivate research culture, to increase the number of minor and major research projects funded by SPPU, UGC and other agencies and to organize state and national level

seminars and conferences and to encourage the faculties to pursue Ph D. The College strongly desires to host Avishkar research festival and to establish linkages and to sign MoUs with national and international institutes. The College intends to strengthen Alumni Association and seek their support for development of the College and plans to ensure participation of all stakeholders in the governance. It is keen on obtaining development grants from different funding agencies like UGC, DST, BUCD, ICSSR, DBT and the Government of Maharashtra, introducing healthy practices such as green audit and No Vehicle Day and implementing scientific methods for waste management and water management. The College plans to extend gym services to the neighbouring gyms and also to collaborate with GOs and NGOs for social and extension activities. The College emphasizes to develop ICT facilities such as smart board, INFLIBNET, DELNET and J-gate.

The strategies to realize the perspective plans are decided by IQAC, CDC and the Management and are recorded in AQARs. Following suggestions of NAAC Peer Team the College decided to increase number of research projects.

As an illustration the data of ongoing minor research projects (2017-18) is shown here.

<b>Name of the Assistant/Associate Professor</b>	<b>Funding Agency</b>	<b>Title of the Project</b>	<b>Durat of the Project</b>
Dr. G. H. Jain	BOD, SPPU, Pune	Preparation of Hetero junction type Gas Sensors by Spray Pyrolysis at Room Temperature Sensing	2 year
Dr. C. K. Kudnar	BOD, SPPU, Pune	Socioeconomic Development of Tribal Population in Nashik District	2 year
Dr. D. R. Patil	BOD, SPPU, Pune	Fabrication of Automated SILAR System and Study of High-k thin films for Photonic Crystals	2 year
Mr. O. M. Pardeshi	BOD, SPPU, Pune	Synthesis And Characterization of Metal Oxide Semiconductor FET Device For Gas Sensing Applications	2years



Dr. V S. Aware	BOD, SPPU, Pune	Synthesis of Novel 4 & 9H Substituted Pyrimido [4,5-B] Indole As A Selective JAK2 Inhibitor	2 year
Mr. S. S. Thakare	BOD, SPPU, Pune	Effect of Library Facilities on Quality of The Undergraduate & Postgraduate Students of Arts, Commerce & Science College Chandwad, Deola, Satana, Malegaon : A Study”	2 year
Mrs. M. A. Todarwal	UGC, WRO, Pune	Synthesis of Novel Schiff Bases Showing microbial activity”	2 year
Mrs. Dr. S. D. Shinde	UGC- WRO, Pune	Ultrasonically Preparation of Nanostructured Films for Gas Sensor Application	2 year
Dr. R. S. Sancheti	UGC, WRO, Pune	New Nitrogen-oxygen Containing Ligands and Coordination compounds	2 year

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Strategic Plan and deployment documents on the website	View Document ( <a href="https://acschandwadcollege.com/up-images/iqac/iqac">https://acschandwadcollege.com/up-images/iqac/iqac</a> )
Link for	

***6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism***

**Answer:**

**Board of Trustees**

The Board of Trustees is the apex body for overall governance. The Management sanctions all types of budgetary and financial matters. It also looks after the recruitment process. Grants for major infrastructure, construction, renovation and furniture are sanctioned and provided by the Board of Trustees. It sanctions all types of leaves of the Principal.

**The College Development Committee**

The College Development Committee is formed under the control of the two permanent coordinators appointed by the Trust Board. CDC is the apex executive body of the college. The Principal is the ex-officio Secretary of the CDC and Vice Principal, IQAC Coordinator and representative of teaching and non-teaching staff are included in the College Development Committee.

**Function of the CDC**

CDC designs and executes major policies related to the College.

Academic and co-curricular committees are formed for the smooth conduct of activities. Student representatives are also involved in these committees.

**Role of the CDC**

1. The sanction for Grant of the annual budget prepared by the college.
2. Grant permission for Special Leave, Refresher Course, Orientation Course, Faculty Development Program and Short Term Courses as well as medical leave, long term leave
3. To grant recognition to the development programs planned by the college for the student teacher, administrative and non-teaching staff.
4. Permission for change/renewal of new establishment, construction and college property.
5. Monitoring the implementation of the service rules and procedures for recruitment and promotion according to the Maharashtra University Act 2017 and UGC framework.

**Role of the Principal:**

1. To perform the administrative and educational responsibilities set by the University Grants Commission and the Savitribai Phule Pune University.
2. To monitor the admission process, evaluation process and regulate routine administration.
3. To control all types of financial transactions.
4. To Implement of UGC rules, University and Government of Maharashtra rules and Maharashtra University Act, 2017 for teaching, administrative and non-teaching staff.

#### **Role of Grievance Redressal Cell for Teaching and Non-teaching staff:**

1. The Principal has formed an Internal Grievance Redressal Cell Teaching and Non-teaching staff. Its purpose is to resolve grievances of the Teaching and Non-teaching staff. The Cell consists of representatives of the staff.
2. The Students' Grievances Redressal Committee, Students' Welfare Association, Anti-Ragging Committee, Prevention of Sexual Harassment Committee and Disciplinary Committee are other mechanisms that maintain safety and good environment in the college.

<b>File Description</b>	<b>Document</b>
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/ugc-cell">https://acschandwadcollege.com/pages/ugc-cell</a> )

#### **6.2.3 Implementation of e-governance in areas of operation**

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

**Answer:** A. All 5 of the above

File Description	Document
Screen shots of user interfaces	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/he">https://assessmentonline.naac.gov.in/storage/app/he</a>
ERP Document	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/he">https://assessmentonline.naac.gov.in/storage/app/he</a>
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/he">https://assessmentonline.naac.gov.in/storage/app/he</a>

**6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**

**Answer:**

A number of committees and associations are formed to smoothly conduct curricular, co curricular and extension activities. The members of committee conduct periodical meetings. The data on the meetings and decisions taken is documented. Yearly reports of associations are published in Annual Magazine. The following committees and Associations are functional in the College.

1. CDC
2. IQAC
3. Library Committee
4. Purchase committee
5. Examination Committee

In the CDC meeting it was decided to implement Quality Improvement Programme Scheme of SPPU, Pune. Keeping in view the need of electricity it was decided to install solar rooftop of 7.2kWh under the Scheme. The calculated load is given to the rooftop plant. During the sunny days the power is consumed using the plant. The solar panels used therein are made up of single crystal silicon having longer durability. Generated power is stored in batteries and using inverter it is distributed to the load. Solar rooftop has reduced the electricity consumption. The University granted 75% of the total expenditure and the College contributed 25%.

It was decided to digitalize students' attendance system. The College signed an MoU with DigitalEdu, Pune. DigitalEdu provides digital I-Cards to the Students and the teaching and non-teaching staff. The practice is beneficial in the sense that it is less labourious than the manual process of noting down the attendance and saves the time which can be better utilized for

academic purposes. The digital system provides 19 different parameters and can store data on number of lectures actually taken and students present. The system records students' attendance even in cocurricular and extracurricular activities. Before implementing the system IQAC conducted a workshop on Digital Attendance in which Mr Shubham Chaudhari guided the staff on methodology and applications of the system and clarified doubts of the staff. Main impact of the system is that there is an increase in attendance of the students and improvements in the academic results. The system helps to identify punctuality and regularity of teachers with respect to classroom sessions.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/pages/iqac-minute">https://acschandwadcollege.com/pages/iqac-minute</a> )

### 6.3 Faculty Empowerment Strategies

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

##### **Answer:**

The college offers worthwhile welfare schemes to all the teaching and non-teaching staff to ensure and boost their work culture and efficiency.

The following welfare schemes are available in the college for teaching and non-teaching staff:

1. Loan facilities.

The following Cooperative Credit Societies provide personal loans.

1. Government and Semi government Employees' Cooperative Credit Society, Chandwad.
2. Shri Neminath Jain Employees' Cooperative Credit Society, Chandwad.

### 3. Nashik District College Teachers' Cooperative Credit Society, Nashik.

The College provides necessary documents for sanctioning of loans from local credit cooperative societies and the nationalized banks also.

#### 1. Uniforms to Non-teaching Staff (Class-iv)

The College distributes uniforms and washing allowance to the Non-teaching Staff (Class-iv).

#### 1. Medical Reimbursement Scheme.

All permanent grants in aid teaching and non teaching staff is eligible to apply for reimbursement in case of expenses incurred in the treatment of major/critical diseases.

1. Duty Leave and financial support for participation and paper presentation in Seminars, Conferences and Workshops.
2. Financial support to become members of national and international bodies and institutes.
3. Residential quarters for the teaching staff in the campus.
4. Gymnasium, Sports and Yoga facilities are available for the teaching and the non-teaching staff.
5. Awards to teaching and non-teaching staff on their distinct achievement- Principal Dr G H Jain was given Rs 51000/- by the Management for being awarded Best Principal Prize by Savitribai Phule Pune University, Pune.
6. Lectures are organized by Staff Academy for enhancement of knowledge.

#### Welfare Scheme and Number of Beneficiaries;

Sr. No.	Name of the Scheme	No. of Beneficiary
01	Group Insurance	31
02	Co-operative Bank	31
03	Duty Leave	29
04	Medical Leave	13
05	Residential quarters for teaching and non-teaching staff	01

#### Total Casual Leave, Duty Leave, Medical Leave, Earn Leave and Leave Without Payment

Year	CL	DL	ML	EL	LWP
------	----	----	----	----	-----

<b>2014-15</b>	263	681	064	04	00
<b>2015-16</b>	323	751	076	04	00
<b>2016-17</b>	379	769	108	07	00
<b>2017-18</b>	357	770	127	00	00
<b>2018-19</b>	359	633	131	00	00
<b>Total</b>	<b>1681</b>	<b>3604</b>	<b>506</b>	<b>15</b>	<b>00</b>

**Number of Beneficiary for CL, DL, ML,EL and LWP**

<b>Year</b>	<b>CL</b>	<b>DL</b>	<b>ML</b>	<b>EL</b>	<b>LWP</b>
<b>2014-15</b>	29	30	07	01	00
<b>2015-16</b>	31	29	06	01	00
<b>2016-17</b>	31	31	11	01	00
<b>2017-18</b>	31	31	12	00	00
<b>2018-19</b>	31	30	13	00	00
<b>Total</b>	<b>153</b>	<b>151</b>	<b>49</b>	<b>03</b>	<b>00</b>

Numbers of Beneficiary under Shaskiya & Nimshaskiya Karmachari Patsantha Chandwad, Shree Neminath Employees Co-operative Society, Ltd, Chandwad and Nashik District College Teacher Co-Operative Society Ltd. Nashik.

<b>Year</b>	<b>Shaskiya &amp; Nimshaskiya Karmachari Patsantha Chandwad</b>			<b>Shree Neminath Employees Co-operative Society, Ltd, Chandwad</b>			<b>Nashik District Teacher Co-Op Society Ltd. Na</b>	
<b>2014-15</b>	23	15	38	10	09	19	00	00
<b>2015-16</b>	23	16	39	29	20	49	06	03
<b>2016-17</b>	21	16	37	29	20	49	08	03
<b>2017-18</b>	21	14	35	29	18	47	20	10

<b>2018-19</b>	21	12	33	29	16	45	21	10
<b>Total</b>	<b>109</b>	<b>73</b>	<b>182</b>	<b>126</b>	<b>83</b>	<b>209</b>	<b>55</b>	<b>26</b>

<b>File Description</b>	<b>Document</b>
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/wefare%20631%20final%20index%20websi">https://acschandwadcollege.com/up-images/naac_document/wefare%20631%20final%20index%20websi</a> )

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

**Answer: 37.43**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
71	05	14	12	24

<b>File Description</b>	<b>Document</b>
Details of teachers provided with financial support to attend conferences,workshops etc during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SS">https://assessmentonline.naac.gov.in/storage/app/hei/SS</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SS">https://assessmentonline.naac.gov.in/storage/app/hei/SS</a> )



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

**Answer: 2.6**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
05	02	02	03	01

File Description	Document
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Reports of the Human Resource Development Centres (UGC ASC or other relevant centres).	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )
Reports of Academic Staff College or similar centers	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )
Details of professional	

development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )

**6.3.4 Average percentage of teachers attending professional development programs viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Program during the last five years**

**Answer:** 15.18

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
07	10	12	10	10

File Description	Document
Reports of the Human Resource Development Centres (UGC ASC or other relevant centers).	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
IQAC report	View Document

IQAC report summary	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Details of teachers attending professional development programs during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

### ***6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff***

#### **Answer:**

Every year, self-performance appraisal reports are filled up by the faculties and are checked by the IQAC. The Principal and IQAC make necessary discussions with the concerned faculty. Faculties' profile is also uploaded to the College website and the BCUD faculty profile of the University. Faculty members are encouraged to participate actively in all aspects of College life, irrespective of whether they are permanent, temporary, ad-hoc or contractual. They contribute towards strengthening the teaching-learning process, research work, extension activities and administrative work with responsibility and accountability. The SPPU norms for formal appraisal are followed wherein faculties are required to submit formal reports on work undertaken each year. This report includes information related to personal achievement, both scholastic and extramural.

Coordinators of various sections and committees are also expected to submit an annual report on the work or activities carried out under their guidance. These reports are published in the annual magazine 'Anand'. Thus, the contribution of the individual to the multidimensional corporate life of the college is well documented. Personal Profile of individual faculty members is available on the college website. As per the format of the SPPU, each year faculties submit their Academic appraisal forms following the standard of API forms which are reviewed by the heads of the department and then the Principal.

Performance appraisal is also carried out at the time of career advancement scheme; senior pay scale, selection grade, associate professor, professor. Every year the college prepares each department's workload for submission to the Higher Education department.

The performance of non-teaching staff is evaluated through confidential reports which are based on interpersonal relationships, general behavior, regularity and punctuality and contribution to the College.

File Description	Document
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Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
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## 6.4 Financial Management and Resource Mobilization

### 6.4.1 Institution conducts internal and external financial audits regularly

#### Answer:

1. Internal Audit by the Chartered Accountant appointed by the authorities of the Management M/s R.R. Gujrathi & Company, Nashik.
2. External Audit by the Joint Director of Higher Education, Pune Region, Pune
3. External Audit by the Account Officer, Higher Education Department, Pune Region, Pune
4. External audit by SPPU for funds provided by them such as QIP, N.S.S., SDO, Examination Expenditure
5. External Audit of Research Funds by the Respective Funding Agencies (Like UGC/BCUD/DST/SPPU)
6. The internal audit is conducted regularly by the internal auditor. Audit objections are promptly resolved within the stipulated period. Suggestions made by the internal auditor for budget allotments are incorporated in the subsequent budget statements.
7. External audit is regularly conducted by Sabadra and Sabadra Associates.

#### Dates of Audit conducted by the college during the last five years

Year	External Audit Dates	Name of Firm
------	----------------------	--------------

2014-15	22.06.2015	Sabadra & Sabadra Chartered Accountant, Hol Nashik
2015-16	02.07.2016	
2016-17	23.07.2017	
2017-18	25.06.2018	
2018-19	19.07.2019	

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/641%20final%20index%20websitefile_name">https://acschandwadcollege.com/up-images/naac_document/641%20final%20index%20websitefile_name</a> )

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

**Answer: 2.51**

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

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
1.01	0	0	0	1.5

File Description	Document
Details of Funds / Grants received	

from non-government bodies during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Annual statements of accounts	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )

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

##### **Answer:**

The College follows the rules and regulations formulated by the Government of Maharashtra, University Grant Commission, and management of the mother institute, Savitribai Phule Pune University, and funding agencies. Monetary transactions comply with the rules of the managing bodies, Government of India and Government of Maharashtra, JDHE Pune, BCUD SPPU, UGC, BCUD. The college receives the grant-in-aid from the Maharashtra government and a variety of special-purpose funding from bodies like the UGC, JDHE Pune, BCUD and DST. The college has other major funding sources as follows:

1. The fees collected from students.
2. General Development Grants and other grants received from UGC.
3. Funds received from SPPU.
  1. Under QIP.
  2. For regular and special camp activities of NSS
  3. For extra mural education centre
  4. For programmes of Student Welfare Association
1. Funds from Management (the management makes up the deficit amount whenever needed).
2. Donations from philanthropists.

The college has a yearly budget that is approved by the Principal in College Development Committee and forwarded for sanction to the Trust Board. The accounts are externally audited by Sabadra & Sabadra Company (Chartered Accountants), Nashik. A copy of the approved audited accounts is submitted to the Trust Board and university as the case may be.

The fees collected from the students are utilized for purchase of the books and for organizing cultural activities. Grants under QIP are meant and utilized for purchase of scientific equipments sports equipments and for organizing state and national level seminars, conferences and workshops. UGC and SPPU, Pune provide funds to undertake minor and major research projects. The practice of centralized audit is followed in all University funded schemes. The grants for minor research projects and major research projects are utilized for equipment books, field and laboratory work and contingency the books purchased are kept in library and are given accession numbers. The equipments are kept in the laboratories. The payments are made through cheques to ensure transparency. With the donation from the alumni the College purchased a water purifier. The College constructed a new building and laboratories with the donations from philanthropists. The Management has provided Rs 21 lakh for Central Instrumentation Facility which consists of UV Spectrometer and IR Spectrophotometer. These are utilized for characterization of materials.

The College collects gymkhana fees and the amount is spent over maintenance and purchase of equipments required for gyms. The remuneration to the instructor at gym is met through the fee. As a social initiative the College has constructed five gyms in the neighbouring villages.

The College has been sanctioned DMLT under UGC's Community College Scheme. The grants are utilized to conduct guest lectures, industrial tours and training programmes and workshops.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/643%20final%20index%20websitepdf_file_na">https://acschandwadcollege.com/up-images/naac_document/643%20final%20index%20websitepdf_file_na</a> )

## 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***

#### **Answer:**

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

IQAC has been instrumental in cultivating research culture. It focused the qualitative growth on the basis of suggestions given by Peer Team in the reaccreditation process. The two representative contributions of IQAC are

i), B Voc, DST-FIST, DBT- STAR, NIRF and RUSA Proposals.

IQAC took initiative in submitting UGC-NSQF, B Voc, DST-FIST, DBT- STAR, NIRF and RUSA Proposals. It conducted workshops on UGC schemes and appropriately disseminated information about submission of the proposals and assigned responsibilities to the members. The College was sanctioned DMLT course under Community College Scheme in 2015-16 and three B Voc Courses in 2018-19. The IQAC prepared DBT- STAR proposal. It was shortlisted for presentations which were held at UGC New Delhi. In

ii) Proposals for SPPU, Pune Foundation Day Awards

IQAC took initiative in preparing proposals for awards of SPPU, Pune. In the year 2015-16 the IQAC submitted the proposal for Best College Award (Rural Category). IQAC took efforts to comply with the suggestions of NAAC Peer Team. The College introduced new UG, PG and UGC approved DMLT courses. This helped enhance research and infrastructure facilities. Piramal Industries provided state of art scientific equipments to develop research laboratories. The College got “Best College Award” on the occasion of University Foundation Day. In the year 2016-17 the Annual Magazine “Anand” was recipient of third prize. In the year 2018-19 Dr G H Jain was awarded “The Best Principal” Prize by SPPU, Pune.

In the reaccreditation process Peer Team expressed concern over lack of research. IQAC suggested that the permanent faculties should apply for minor and major research projects. The IQAC explained method of submitting proposals for minor research projects. Almost all the permanent faculties applied for BCUD, SPPU, Pune sponsored minor research projects in the year 2014-15. Seventeen faculties were sanctioned Minor Research Projects. Later Dr T Y Chandwadkar and Dr S C Dalave were sanctioned major research projects by UGC and ICSSR, New Delhi respectively. Since the reaccreditation the college has total 32 minor research projects to its credit with total grant of 65.27 lakh and two major research projects of total grant of Rs 22.51 lakh.

The IQAC has taken initiative in organizing SPPU and UGC funded state and national level seminars, conferences and workshops. IQAC and non-teaching staff of the College jointly organized a state level seminar for non teaching staff in 2018-19. The IQAC submitted the proposal for NIRF ranking also.



<b>Description</b>	
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/651%20Newfile_name5d5d6c823e43e.pdf">https://acschandwadcollege.com/up-images/naac_document/651%20Newfile_name5d5d6c823e43e.pdf</a> )

***6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms***

**Answer:**

The institution reviews its

1. Leaching learning processes
2. Structures and methodologies of operation
3. Learning outcomes

The institution has adopted process for review of teaching learning processes It follows the system of monthly feedback on syllabus completed and activities organized at department levels The monthly report also includes teaching methodology, use of ICT, participation in seminars, conferences and workshops. From the academic year 2018-19 the institute introduced the system of digital attendance of the students and the teachers also. Its positive impact was observed in the academic results.

The faculties maintain the diaries in which details on every day classroom teaching sessions are recorded. The diaries ascertain that the syllabus is appropriately imparted and completed and adhered to academic teaching plan. The Individual Teacher Diary is verified and signed by HoD of the concerned departments and is then submitted to the Principal for final approval. The Principal monitors the overall teaching performance of the teachers through the verification of the Diary. The Operation of the institute is reviewed by means of direct interaction with the stakeholders. The College collects feedback on curriculum from the students and the parents. In 2018-19 the College submitted overall report on feedback to S P Pune University for further action. To encourage the use of ICT the college has provided interactive smartboards in many classrooms. The number of computer nodes, LCD projectors and android TVs is increased. The faculties have uploaded videos on the topics in the syllabus on youtube. The alumni association, parents meeting also help in reviewing the operational systems. The suggestions of alumni are invited and implemented. The

Periodic meeting of college development committee play a significant role in planning and decision making. Academic results are indicators of learning outcomes. Every year academic results are analyzed.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/652%20finalfile_name5d5cdba1231f3.pdf">https://acschandwadcollege.com/up-images/naac_document/652%20finalfile_name5d5cdba1231f3.pdf</a> )

### **6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year**

**Answer: 8.6**

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
17	9	6	6	5

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )

Information	
IQAC link	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Quality%20Initiatives%20IQAC%20Activities">https://acschandwadcollege.com/up-images/naac_document/Quality%20Initiatives%20IQAC%20Activities</a> )

**6.5.4 Quality assurance initiatives of the institution include:**

- 1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
- 2. Academic Administrative Audit (AAA) and initiation of follow up action**
- 3. Participation in NIRF**
- 4. ISO Certification**
- 5. NBA or any other quality audit**

**Answer:** B. Any 3 of the above

File Description	Document
e-copies of the accreditations and certifications	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )
Details of Quality assurance initiatives of the institution	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )
Annual reports of institution	View Document ( <a href="https://acschandwadcollege.com/pages/naac/Key_Indicator_6.5#p">https://acschandwadcollege.com/pages/naac/Key_Indicator_6.5#p</a> )

**6.5.5 Incremental improvements made during the preceding five years (in case of first cycle)**

**Post accreditation quality initiatives (second and subsequent cycles)**

**Answer:**

In last five years institute has made the significant progress in academic activities and administrative processes. The total number of staff (Both Teaching & Non-Teaching) is increased. Academic flexibility is made

available for stake holders in such a way that the post graduate courses in the all the three faculties have been introduced. The student strength is increased from 1000 to 4500 in last five years. The total number of research projects sanctioned during this tenure is 40 with total layout of 93.08 Lakhs. The numbers of newly added Add-on certificate courses is 15. Total Seven National, Fourteen State, Seven University level events like conferences, workshops, seminars are organized in this period. Three faculty members are recognized as Research guides for M.Phil./Ph.D. and 5 got PG recognition. Almost nine faculty members have applied for the research guideship and PG recognition. UGC has sanctioned Community College Scheme and B.Voc. programmes to the institute with total layout of almost 275 lakhs for 4 courses. DST-FIST was sanctioned to the college in this academic year for the Improvement of Science & Technology Infrastructure with the total grant of Rs. 50 lakhs. The college was shortlisted for the DBT Star College Scheme presentation in this academic year only. Piramal Life sciences donated the books and back issues of highly reputed international journals on Pharmaceutical and Interdisciplinary Sciences and provided state of art research equipments, expensive chemicals, glassware and furniture at the concessional rates in 2014-15. Faculty members were awarded with the prestigious Best Teacher awards form Govt. of Maharashtra, Savitribai Phule Pune University, Indian Physics Association and others. NSS programme officer was awarded with Best Officer by University and even our Annual Magazine Anand got prize from Pune university. Total number of Research Papers published in Journals & Proceedings is almost 57 in last five years. The college has made the linkage with University of Nigeria, Nsukka, Nigeria for student and faculty exchange in Nanotechnology. Even college made linkages with the industries for the NSQF courses. Department of Botany has organized a Wild Vegetables Festival in this academic year which is the popular event in last five years for faculty, students, educational institutes and society. Sufficient ICT infrastructure is made available to the faculty and students with total 153 computers with broadband connectivity and 15 smart classrooms with interactive boards. More than 100 students are placed in different institutes and organizations in government and private sectors. Sports Department has organized various events at Intercollegiate and intergroup sports tournaments. Students have represented in intergroup, interuniversity, state, national and international level tournaments. The College has implemented the suggestions of NAAC Peer Team for overall development of the College.

- PG Programme in English needs to be started-PG Programme in English is introduced from 2016-17.
- UG Programmes in Geography (Special) and Computer Science need to be started- UG Programme in Geography Special is introduced from 2016-17.
- Add-on Certificate and Diploma courses under UGC Scheme be introduced- DMLT Course under UGC's Community College Scheme has started from 2015-16.
- Original License software be procured-TALLY ERP, VRIDDHI Office and Library Automation Software are procured.

- Number of journals, e-journals and reference book be increased-The total number of books has been increased from 17451(2013-14) to 35073 (2018-19). E-journals are available on INFLIBNET, DELNET and J- Gate. Currently the College subscribes 94 journals and magazines.
- Internet facilities for the faculties and students are effectively provided-Internet facilities are effectively provided to the students & faculty as well.
- More number of teaching positions be created- The number of teaching positions have been increased from: Granted: 11 post (2012-13) to 31 post (2018-19) Non-Granted: 12 post (2012-13) to 49 post (2018-19).
- Faculties are provided seed money for undertaking research activities-Financial aids & Infrastructure are provided to the researchers.
- Students of all classes be provided soft-skill development training-Soft Skills Development Training Programme is provided to the students.
- Language lab be established - Language Lab is established.
- Self employment oriented training be provided to the students. - Self-employment based training is provided to the students. Short term Hobby Classes and courses in TALLY& Accounting are implemented.
- Use of ICT in teaching learning be introduced-ICT is used in teaching-learning process.
- Technical and supporting staff be appointed in Science Laboratories: - Total 3 Lab Assistant & 15 Lab Attendants (6 on grant in aid basis and 12 on non-grant basis) are appointed for science laboratories.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/6</a> )

## 7.Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

**7.1.1 Number of gender equity promotion programs organized by the institution during the last five years**

**Answer: 28**

7.1.1.1 Number of gender equity promotion programs organized by the institution year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
6	5	6	5	6

File Description	Document
Report of the event	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
List of gender equity promotion programs organized by the institution	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

**7.1.2**

**1. Institution shows gender sensitivity in providing facilities such as:**

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

**Answer:**

More than 50% enrolment of girls of total student strength provides an enabling environment for gender equality. The College is very sensitive to gender related issues. It ensures the safety of the girl students and staff on the campus and creates an atmosphere conducive to overall growth. The College has introduced the mechanisms such as Prevention of Sexual Harassment Cell and Women's Grievances Redressal Cell. Meetings of these cells are regularly conducted. The Cells work in the college according to *Vishakha* Directive Principles. The Women's Cell provides personal, academic and social counseling to girl students, organizes special lectures and workshops on constitutional and legal rights of women and on the issues concerned with women. The Cells seek assistance of Taluka Vidhi Seva Samiti to conduct their activities.

### **1. Safety and Security**

The institute campus has strict Security checks at entrance. Students and staff carry identity card at all times. Institute has installed 64 CCTV cameras at different locations such as Institute Entrance, Library, Workshop, Student Section, Principal's Office, Parking, all corridors and Computer Centre. Two Pan Tilt and Zoom (PTZ) cameras are also installed near institute entrance and at Play Ground. All corridors and laboratories are equipped with fire extinguishers. Security guards are available for twenty four hours. Nearby police station contact numbers and toll free help line numbers are displayed on notice boards. Pick up and drop facility is available for girl students at the time of late night events such as NSS Special Camp, educational tours and sports events. Two Girls' hostels are availed with intake capacity of 670 girls. The hostels provide abundant facilities such as spacious rooms, nutritious food, pure and filtered water, 24 hour power supply and medical aids too. Discipline is maintained in the hostels with restricted entry. The College Discipline Committee takes special care to ensure the safety of girl students on the campus. Public areas of the Campus are covered under CC TV Surveillance.

### **2. Counseling**

The Women's Cell of the College is active and looks into the general well being and safety of the girl students. The Cell consists of female teachers, female non teaching staff and girl-students' representative. The Cell conducts meetings regularly. The girl students from diverse socioeconomic backgrounds are admitted in the college. All these girls have their own anxieties both academic and personal. Students approach the members of the women's cell which provides counseling as required. But, in most cases the girls wish their problems to be discussed on conditions of confidentiality. Hence, the Cell observes strict confidentiality. The major objective of the counseling centre is to facilitate academic, emotional, social and cognitive development of the students hence to empower them in their learning and personal development.

Mentors (faculty) take care of about 50 students. Students are allocated to specific mentor for entire semester. The College has Collaboration with our sister institute R.P.Chordiya hospital which is located in the campus and provides medical assistance to staff and students.

### 3. Common Room:

Common Room for female students with resting facilities and restricted entry is available. The common room is having adequate number of beds, washroom, resting chairs, first aid box, mirror and emergency helpline numbers. A female helper is appointed to ensure safety and security. Automatic Sanitary Pad Disposal Machine is installed in the girls' common room. Specific cleaning schedule is given to the sweepers. Boys' room is also available with basic facilities in the campus which students can utilize during leisure hours. Canteen facility is connected to both the Boys' and Girls' common rooms.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

#### 7.1.3 Alternate Energy initiatives such as:

##### 1. Percentage of annual power requirement of the Institution met by the renewable energy sources

**Answer:** 77.59

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Answer: 28629

7.1.3.2 Total annual power requirement (in KWH)

Answer: 36896

File Description	Document
Details of power	



requirement of the Institution met by renewable energy sources	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/713file_name5d5d1db681c44.pdf">https://acschandwadcollege.com/up-images/naac_document/713file_name5d5d1db681c44.pdf</a> )

#### **7.1.4 Percentage of annual lighting power requirements met through LED bulbs**

**Answer: 100**

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Answer: 22050

7.1.4.2 Annual lighting power requirement (in KWH)

Answer: 22050

File Description	Document
Details of lighting power requirements met through LED bulbs	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

#### **7.1.5 Waste Management steps including:**

- ***Solid waste management***
- ***Liquid waste management***
- ***E-waste management***

#### **Answer:**

##### **Solid waste management:**

The sources of solid waste include routine office work, library, laboratory, canteen and hostels, construction and renovation works. The wooden and other types of the waste are reused for furniture. The College discourages burning of waste and scrap materials. To minimize the problem of waste disposal colored dust bins are kept at the necessary junctures in the College campus. The waste bins are placed separately for degradable and non degradable waste at every corner of the corridor, wash rooms and common room. The dry waste bins are also placed in laboratories, library, classrooms, etc. Old newspapers, used papers and journal files, workshop scrap etc. are given for recycling to external agencies. The Management signs annual contract for disposal of paper waste. Some paper is scraped by scrapping machine. Solid waste is separated according to need and processed for further composting. Waste is collected and it is then processed depending on the nature of waste. Organic wastes are converted into biofertilizers by the Vermicomposting plant developed by the department of Botany. Garden waste, kitchen wastes from college canteens and other wet waste are collected from different areas of the campus. Biomass is filtered out from the solid waste, (polythene bags) then biomass is shifted to the vermicompost for further composting. After the vermicompost is ready in due course, it is harvested and used for the plants in the campus. To further strengthen eco-friendly environment in the College premises, the College also has project for composting of waste collected in the campus. Dry waste mainly leaf litter is allowed to decompose systematically over a period. The NSS volunteers regularly conduct Cleanliness Campaign in the campus and contribute to keep campus neat and free of any waste. As per the need the students enrolled in Earn and Learn Scheme are also assigned the responsibility of collecting litter and removing the rubbish. A peon cum gardener is appointed by the College. The College sees to it that no environmental hazards are created in the campus.

##### **Liquid waste management**

Department of chemistry use micro scale based apparatus to avoid large quantity of chemical waste. The acidic and basic nature of liquid waste is measured by PH and is collected in Labeled drums placed in the laboratories. According to their nature, they firstly get neutralized and diluted with water to avoid their toxicity and dumped into the ground pit of hills behind our college. Organic liquid waste is recollected by Rota-evaporator. An average RO purifier wastes approximately three liters of water for every

oneliter of purified water. That means only 25% of water is purified and 75% of water comes out as waste. This waste water is used for plants and for cleaning purposes. Autoclave system is used in Botany and Zoology departments and then the waste is disposed in the drainage system.

#### **E-waste management:**

The number of computers and printers is considerable in the college. The e-waste is produced in the form of the damaged CDs, cable wires, irreparable UPSs and monitors. It needs eco-friendly disposal. College has signed a Memorandum of Understanding with a private computer agency; Sai Computech, Chandwad, for disposal of e-waste time to time. E-waste is gathered in the College Store Room and then is given to the agency. Faculty members of the Department of Electronic Science guide on how the gadgets can be reused. Refilling the toner cartridges of printers is out sourced and the toners are reused to limit the waste. Annual Maintenance Contract for the PCs, Laptops and other e-apparatus is signed.

File Description	Document
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Final%20715%20Newfile_name5d5d20866c">https://acschandwadcollege.com/up-images/naac_document/Final%20715%20Newfile_name5d5d20866c</a> )

#### **7.1.6 Rain water harvesting structures and utilization in the campus**

##### **Answer:**

Chandwad is a drought prone area. Absence of water resources such as river and canals produce the problem of scarcity of water. regularly. Rain water harvesting is a simple method of mitigating the effects of depleting groundwater levels and fluctuating climate conditions, Through Rainwater harvesting (RWH) i rainfall is collected for future usage. The collected rainwater may be stored and utilized in different ways or directly used for recharge purposes. It ensures availability of water throughout the year. It can recharge dry borewells.

College campus has wells for the supply of water. Since last 4-5 years ground water level is found to be decline considerably. Therefore the college started rainwater harvesting. Three major buildings in the campus are selected namely administrative building, Botany Department, Chemistry Department, and Science building. The rainwater from terraces of the said buildings is systematically collected and piped directly to one of the

wells, which is at the centre of the campus. After implementing the rainwater harvesting technique, water level in the well has increased. It is going to benefit other units in the campus. water harvesting is significant as the need of water is greater for hostels and other educational units.

The rainwater is collected by department of chemistry and botany for the regular practical purposes.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/final%20uploading%20pdffile_name5d5d24C">https://acschandwadcollege.com/up-images/naac_document/final%20uploading%20pdffile_name5d5d24C</a> )

#### **7.1.7 Green Practices**

- ***Students, staff using***
  - Bicycles***
  - Public Transport***
  - Pedestrian friendly roads***
- ***Plastic-free campus***
- ***Paperless office***
- ***Green landscaping with trees and plants***

#### **Answer:**

**Following green practices are followed:**

- Students use Bicycles**
- Students and staff use Public Transport**
- Pedestrian friendly roads**
- Staff commute through Carpooling**
- The campus is Plastic-free**
- Paperless office**
- Green landscaping with trees and plants**
- Green Day Celebration**

A number of trees of various species such as medicinal, ornamental, aromatic etc are planted that helps to make the environment carbon dioxide-free. The College undertakes planting of saplings every year and nurtures them. The NSS volunteers look after the plants. A green audit of the campus has been carried out. and the plants are identified and labeled. More than 5000 plants, herbs and shrubs belonging to diverse types, are cultivated on the college campus. The campus is pedestrian-friendly. To avoid the environmental pollution, papers and CDs are sold to Sai Computech for recycling. Considerable office communication is carried out digitally. Students are made aware of the hazards of plastic. As there are no retail shops on the campus, use of plastic is minimum. The institute is located near Mumbai-Agra National highway (NH-3).Institute encourages all faculties and students to use public transport which saves energy resources and reduce environmental pollution.All nearby residing staff and students use pedestrian friendly roads to reach the institute. Majority of the teaching faculty resides at the walkable distance from the institute.The parking area is at the back of the college premises which help to restrict entry of the vehicles in the premises.

No vehicle day is observed on the first day of every month which contributes to reducing carbon emission. The College promotes use of public transportation. It provides necessary documents to the students to avail StateTransport division concession passes immediately after their admission. Approximately more than 50%students use public transports and the number of bike users is less than 5%. Solar panels having a capacity of 180 units per month are installed. The College is located in the residential area which reduces traffic in and around the campus. Naturally, the roads aroundthe college are pedestrianfriendly. Plastic-free campus initiative is taken by the College. The motto of the college regarding paperless office is 'Go digital'. LED bulbs and tubes are used to save electricity. The College cebrates Green Day to make students aware of conservation of environment and natural resources. Students gave the message of 'Save Nature' through artistic Rangolis.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Final%20717%20Newfile_name5d5d25d03e">https://acschandwadcollege.com/up-images/naac_document/Final%20717%20Newfile_name5d5d25d03e</a> )
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**7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**

**Answer:** 7.23

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year-wise during the last five years(INR in Lakhs)

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
1.04	4.50	8.51	7.44	21.60

File Description	Document
Green audit report	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

Details of expenditure on green initiatives and waste management during the last five years	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/</a> )

**7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:**

- 1. Physical facilities**
- 2. Provision for lift**
- 3. Ramp / Rails**
- 4. Braille Software/facilities**
- 5. Rest Rooms**
- 6. Scribes for examination**
- 7. Special skill development for differently abled students**
- 8. Any other similar facility (Specify)**

**Answer:** A. 7 and more of the above

File Description	Document
Resources available in the institution for Divyangjan	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
link to photos and videos of facilities for Divyangjan	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Final%20719file_name5d5e21e0de29e.pdf">https://acschandwadcollege.com/up-images/naac_document/Final%20719file_name5d5e21e0de29e.pdf</a> )

**7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**

**Answer:** 46

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
11	10	0	0	0

11	10	9	8	8
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File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941</a> )

**7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**

**Answer: 23**

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
10	4	3	3	3

File Description	Document
Report of the event	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )



**7.1.12**

***Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff***

**Answer:** Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Maharashtra%20Public%20Universities%20">https://acschandwadcollege.com/up-images/naac_document/Maharashtra%20Public%20Universities%20</a>

**7.1.13 Display of core values in the institution and on its website**

**Answer:** Yes

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a>
Provide URL of website that displays core values	View Document ( <a href="https://acschandwadcollege.com/pages/core-values">https://acschandwadcollege.com/pages/core-values</a>

***7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations***

**Answer:** Yes

File Description	Document
Details of activities organized to increase consciousness about national identities and symbols	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10394">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10394</a> )
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10394">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/10394</a> )

**7.1.15 The institution offers a course on Human Values and professional ethics**

**Answer:** Yes

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Provide link to Courses on Human Values and professional ethics on Institutional website	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Final%207115%20Newfile_name5d5d59e5c">https://acschandwadcollege.com/up-images/naac_document/Final%207115%20Newfile_name5d5d59e5c</a> )

**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**

**Answer:** Yes

File	
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Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Provide URL of supporting documents to prove institution functions as per professional code	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Final%207116%20Newfile_name5d5e289d2">https://acschandwadcollege.com/up-images/naac_document/Final%207116%20Newfile_name5d5e289d2</a> )

**7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**

**Answer: 25**

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year-wise during the last five years

Answer:

2018-19	2017-18	2016-17	2015-16	2014-15
5	5	5	5	5

File Description	Document
List of activities conducted for promotion	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

of universal values	
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

**7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**

**Answer:**

The College organizes a number of activities throughout the year that promote human values and professional ethics among the staff and students and the society. These include celebration of national days, celebration of birthdays of national leaders and celebration of anniversary of Karmveer K.H.Abad Alias Kakaji, Awareness campaigns through competitions, exhibitions, lectures, street plays, and events like blood donation and social work. Academic activities also focus on inculcating ethics, skills, values and integrity among the students. College has started the certificate course in Human rights and professional ethics which focus on spreading ethical ideas among the students. As part of the academic training, students are taught cyber security, environmental consciousness, gender equality and human rights.

The following National days are celebrated with zeal and enthusiasm.

**National Festival:**

1. Independence Day 15th August,
2. Constitution Day 26th November
3. Republic Day 26th January
4. Maharashtra Day 01st May

Sr.No.	Date	Program	Activity
1.	26 June	RajrshiChh. ShahuMaharaj Birth Anniversary	-
2.	01 August	LokmanyaTilak Death Anniversary	-
3.	28 August	KarmvirKakaji Birth Anniversary (Founder of SNJB Institute)	Speech Competition

4.	05 September	Dr. S. Radhakrishnan Birth Anniversary	Teachers day
5.	02 October	Mahatma Gandhi Birth Anniversary LalBahadurShashtri Birth Anniversary	SwachhataAbhiyan, Non-violence Day
6.	31 October	SardarVallabh Bhai Patel Birth Anniversary	Run for Unity
7.	14 November	Pandit Jawaharlal Neharu Birth Anniversary	-
8.	06 December	Dr. BabasahebAmbedkar Death Anniversary	-
9.	03 January	KrantijyotiSavitribaiPhule Birth Anniversary	-
10.	12 January	Swami Vivekanand Birth Anniversary	Youth Day
11.	28 February	Sir C. V. Raman (National Science Day)	Quiz Competition , Expert Guest Lecture
12.	29 March	VardhamanMahavir Birth Anniversary	Rally organized by institute  Celebrations at Jain Temple at Chandwad
13.	14 April	Dr. BabasahebAmbedkar Birth Anniversary	Lecture

**Savitribai Phule Birth Anniversary-** Every year our college celebrate the Birth Anniversary of first lady teacher of India Savitribai Phule on 3 January.

**Swami VivekanandBirth Anniversary-** Youth Day is celebrated on the occasion of swami VivekanandJayanti on 12 January .College organizes speeches, youth conventions, seminars, essay-writingcompetitionson 12 January every year. Swami Vivekananda's writings, deriving their inspiration from Indian spiritual tradition are available to students.

Staffand students from all educational units in the campus and the members of the Management witness the Republic Day and the Independence Day celebrations. A cultural programme is conducted and the best performers are given cash prizes.

### **Chatrapati Shivaji Maharaj Jayanti–**

College

celebrates Shivaji Maharaj Jayanti every year on 19th February. Speech and easy competition organized by department of History.

### **August-**

1 August-Lokmanya Tilak Death Anniversary

### **Mahatma Gandhi birth anniversary**

Mahatma Gandhi is referred to as National Father who devoted his whole life preaching Truth and following Ahimsa. The NSS volunteers organize the mass pledge in SNJB's Arts, Commerce and Science college in accordance with the Prime Ministers' urge for 'Swaachh Bharat Abhiyaan'.

### **Shahu Maharaj Jayanti**

Every year we celebrate Chhatrapati Shahu Maharaj Jayanti as Social Justice Day.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

#### ***7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions***

#### **Answer:**

The institution operates with integrity in its financial, academic, administrative and auxiliary functions. Transparency is the core value of the college. The college demonstrates its commitment to these principles.

#### **Financial Function:**

The institution takes review and approves the annual budget and gives advice and recommendations. The audit of schemes funded by the UGC and Savitribai Phule Pune University Pune is regularly conducted. It ensures the college implements appropriate financial procedures and accounting principles. The daily financial operation of the college is overseen at multiple

levels. The Principal, the purchase committee and other committees ensure that funds are utilized for the purposes they are meant for and the Principal gives report to the Management. The Management regulates the financial operations by means of external audits. For major purchases the system of demanding and sanctioning quotations is implemented. The college adheres to the requirement of the PFMS of the Govt. of India for financial transparency. Scholarships, freeships and other financial aids as under Earn and Learn Scheme are deposited in the bank accounts of beneficiaries.

#### **Academic Function:**

Academic policies and procedures are overseen by the Principal and IQAC. IQAC prepares the academic calendar for the activities to be implemented throughout the year; the various committees are formed and responsibilities are assigned accordingly. The department heads, co-coordinators of various committees conduct meetings and rigorously implement the activities and programmes as per the calendar. The principal and IQAC co-coordinator monitor the activities of the committees. Freedom is given to conduct the academic and research activities. The feedback on syllabus is collected and analyzed and even sent to the University. Involvement of all stakeholders is ensured in academic practices. The rules and regulations of the Government Authorities are strictly followed in the recruitment processes. Admissions are strictly given on merit basis. The college implements the reservation policies in admission process taking into consideration the guidelines laid down by Govt. of Maharashtra and Govt. of India. The admission fee is charged strictly according to the norms set by Govt. of Maharashtra and S. P. Pune University, Pune. Examination and evaluation process is transparent. The number of students resorting to unfair means is meagre. Photocopies of answerpapers are provided by the University on payment of the stipulated charges. The College Examination Officer is appointed to ensure smooth conduct of the examination and timely redressal of examination-related grievances.

#### **Administrative Function:**

The institute is responsible for the general administration. It establishes and follows fair and ethical policies and processes in the discharge of administrative responsibilities. Besides, Government resolutions, orders of Director of Higher Education, Deputy Director are implemented by our college. College administration is carried through collective decisions made by Governing council, IQAC, LMC/CDC. Principal, faculty, Administrative staff, students' council, standing committee, steering committee to maintain transparency.

#### **Auxiliary Function:**

Students are provided with numerous support services. The students who participate in sports activities are given incentives. The volunteers of NSS who participate in the extension activities organized by other colleges and the University are provided with travel and routine allowances.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )

## 7.2 Best Practices

### 7.2.1 Describe at least two institutional best practices (as per NAAC Format)

#### Answer:

##### Best Practice-1

**Title of the Practice:** Setting up gyms in the neighbouring villages and other educational units in the Campus

##### 2. Objectives of the Practice:

1. To create awareness of physical fitness among the students.
2. To provide facility of Gym equipments to the students who commute from the villages and cannot devote time for physical fitness after college hours.
3. To provide support to the students who are willing to join military, army and Border Security forces and thereby help them to earn employment.
4. To encourage the grampanchayat officials to apply for the schemes of State and Central governments for developing sports infrastructure at their villages.
5. To enhance the participation of students in wrestling, bodybuilding, weightlifting, powerlifting and athletics tournaments.
6. To provide gym equipments to the other institutes in the Campus.

##### 3. The Context:

The College opened up boys' gym in 2001. Until then gym facilities were not available even outside the College campus. Therefore the College permitted outsiders to derive benefits of the gym at the nominal fees. From these resources the College developed a gym for girl students. It was also opened to community use. This created awareness of physical fitness among the students and enhanced students' performance in sports. With the available facilities the College has successfully organized intercollegiate and intergroup wrestling, weightlifting, powerlifting, boxing, bodybuilding and



other tournaments. During the assessment period two girl-students have represented Savitribai Phule Pune University, (SPPU) Pune in interuniversity wrestling tournaments. One student represented SPPU, Pune in Cross- country. One student got Gold Medal in Boxing in National Students' Olympiad.

Most of the students belong to agrarian families and have to contribute to agrarian activities after the college hours. Therefore they cannot devote time for sports activities. The lack of bus depot at Chandwad aggravates the problems. To overcome these adversities the College went on with idea of providing gyms in remote villages. The practice is significant in the sense that many students are inclined to join police, army, military and BSF services for which passing 10+2 is a basic qualification. These jobs require physical strength and labourious work. The students being located in agrarian areas tend to acquire those skills rapidly. They cannot afford private coaching classes to make best of job opportunities in these services. Consultancy to the willing students is provided by Dr D N Shimpi.

#### **4. The Practice:**

The College provides basic gym equipments such as dumbbell set, single bar, double bar and weightlifting sets on written request from Grampanchayat of the desirous village. The Grampanchayat provides a shade or a room for the purpose. The College sets up the gym. The grampanchayat is appealed to maintain the gym and even apply for grant schemes of State Government for the development of sports facilities. The villages where the number of current and ex-students is greater are preferably selected. The Grampanchayats are suggested to look for resources to extend the gym. Record of the students deriving benefit of the gym is maintained. Recently the College has established a Green Gym. It is located near the main gate of the college. The equipments- single bar, double bar, abdominal board, shoulder exercise bar and sky walker- are kept in the open space.

#### **5. Evidence of Success**

i) The College opened up gyms in the villages- Dighwad, Panhale, Ganur and Bhoyegaon.

a) Dighwad- Dighwad is located on Chandwad- Lasalgaon route and it is nine kilometers away from Chandwad. The College set up gym in Dighwad in 2007-08. At present 24 students are getting benefit of the gym. Eighteen students have joined police and army services.

b) Ganur- Ganur is located on Chandwad – Niphad route. It is 5 km away from Chandwad. The College set up gym in Ganur on 15th August 2013. In the year 2017-18, Ramdas Thakare, an ex-student of the College was elected as deputy sarpanch. He took initiative and applied to District Sports Officer for the grants for extension of the gym. The District Sports Officer sanctioned the grants of Rs 3.50 lakh for renovation and updation of the gym. At present 53 students are utilizing the gym and 16 have got jobs in police and army services.

c) Panhale- Panhale is 6 km away from Chandwad. It is the birthplace of Karmveer Keshavlalji Harakchandji Abad, founder of Shri Neminath Jain Brahmacharyashram. The College provided the gym equipments in Panhale in 2011. Twelve students have joined the police and army services. At present 25 students are utilizing the facilities.

d) Bhoyegaon- Bhoyegaon is located 12 km away from Chandwad. The gym was set up on 26th December 2018. At present 20 students are using the gym equipments.

The students after getting jobs continue higher education in external/distance mode to be eligible for higher posts.

ii) Two external ex- members of the gym have opened their own gym and physical fitness centres in Chandwad.

iii) The College set up gyms in R M Dhadiwal Boys' Hostel and Lakhichandji Baphana General Hostel, Chandwad. One hundred hostelites are utilizing gyms.

iv) Users of Boys' Gym and Girls' Gym in the College are 55 and 16 respectively. Thirty five boys and five girls have been recruited in army and police services.

## **Best Practice 2**

### **• Title: Health Check-Up Campaign**

#### **Objectives:**

- To facilitate free haemoglobin check-up camp to economically poor students.
- To make students aware of health
- Blood group test is also an objective of the practice. This helps to identify donors when required in emergency.
- The data can help to diagnose Hb deficient student.
- To inculcate practical knowledge among the students.
- To enhance practical skills of the students enrolled in DMLT Course.
- To inform about health problems related to haemoglobin deficiency.

#### **The Context:**

The Hemoglobin is metalloprotein & is constituent of red blood cell. This protein plays vital role in function of oxygen carrier in human system. We have targeted this test for pathological screening because hemoglobin deficient suffer anemia and periodically in case of females it may lead to sickle cell anemia. It is observed that, in most of remote places there is lack of health awareness among the people. Consequently, it creates health issues. The Standard range of hemoglobin should be 13.8-17.2 in male and 12-15 in female. According to literature survey in India usually women are observed hemoglobin deficient, due to poor diet and lack of health awareness. If storage of Iron is possible with supplementary food then it can be possible to enhance the synthesis of hemoglobin in the human system. The Health Ministry, Government of India constantly sponsors various

programs to sort the health issues in India. In that sense we thought to run this practice. we have staff of DMLT course to work as support system for this task.

- **The Practice**

- The institution has adequate infrastructure to carry out the practice. Faculty members are encouraged to participate in the campaign.
- Faculty members participate in the workshop/seminar/Conferences on DMLT.

Every year DMLT Department of College organizes campaign.

- Expenses are borne by Institute for test kits or utilities.

The college has established linkages and signed MoUs with Institutes/Industries for research and training

Institute has Homeopathic College and Hospital which cooperates in the task.

Every year Department organizes campaign and as a result of this ample students were screened for the said test.

Subsequently they were advised for the further expert treatment to enhance their Hb level.

The College gives dietary or supplementary food like jaggery and ground nuts to students for improvement in level of haemoglobin.

In subsequent year test results shows that there is increase in hemoglobin level of the students.

- **Evidence of Success**

After the implementation of the hemoglobin check-up campaign we found fruitful outcomes during the last few years. To enhance laboratory testing competency among the students & staff, the college promotes them to attend workshop and conferences. College also organized workshop on laboratory techniques.

We have started this practice from the year 2015-2016. In the first year totally 83 students were tested, among these 35 found deficient and rest of the students found within the range. Deficient students were advised to include Iron rich food in their daily diet. Likewise in the year 2016-2017 around 105 were tested. We found 22 students below 9.5gm treated as anemic or hemoglobin deficient. 54 candidates were found between 9.5 to 11.50 gm treated as borderline cases. Only 19 were found in normal range. The anemic and borderline cases suggested to seek expertise of physician to improve Hb level. Similarly in 2017-2018 totally 102 were tested among them 24 were deficient, 70 were in lower ranges and only 08 found normal in range. Since 2018-2019 College provided free of cost jaggery and ground nuts as Iron rich food stuff to Hb deficient and borderline candidates. After few months especially female students of college were tested. Around 428

students and staff tested among them 10 were faculty members. We found that percentage of Hb deficient students decreases as compare to in earlier years. This indicates that serving of Iron rich food to girls at campus is a significant and beneficial activity of the college.

• **Problems Encountered & Resources Required:**

- Lack of Modern pathological instruments like cell counter.
- Less number of competent personnel.
- Challenge in continuation of practice in every year.
- Only biochemistry and qualitative method used to predict Hb values, which may encounter errors in results.
- Difficult to maintain the rhythm of motivation of faculty members and students.
- Separate infrastructure is required for smooth work.
- Need of dietician and physician at the time of campaign for proper guidance.

File Description	Document
Any additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Best%20Practices%2022-08-2019file_name">https://acschandwadcollege.com/up-images/naac_document/Best%20Practices%2022-08-2019file_name</a> )

### 7.3 Institutional Distinctiveness

**7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust**

**Answer:**

The science faculty reflects distinctiveness of the College. It was introduced in 2010 on non-grant basis. On the criterion of the College being the only institute imparting higher education, the science faculty was given 100% grant in aid status in 2013 by Government of Maharashtra. The College blended access, equity and quality. The students residing in mofussil areas have got opportunities of employment in private and public sectors through

Science faculty. A number of fresh postgraduates are working in the College as contractual faculties. The number of girl students is greater in UG and PG courses. Number of students belonging to SC, ST and OBC categories is considerable. Almost more than 90% students are from rural and tribal background. The College started the specializations as Botany, Chemistry and Mathematics in 2013 while Physics and Electronics in 2014 and Zoology in 2016.

The College facilitated PG courses in Organic Chemistry and Mathematics just after completion of two batches of graduation. On demand of the students, PG courses in Analytical Chemistry, Botany and Physics were introduced in 2016-17. At the same time one extra division of Organic Chemistry and Mathematics were introduced in 2016-17. A number of students from Dhule, Jalgaon and Nandurbar Districts (which are affiliated to North Maharashtra University, Jalgaon) enroll for M. Sc. Courses. This brings in student diversity. For qualitative development the students are encouraged to participate in state and national level Seminars Workshops and Conferences. Students participate in science competitions organized by the University and other affiliated colleges. Students of the College were runner up in intercollege Chemiad held at MSG College, Malegaon. Workshop on NET and SET examinations was conducted in the College. Three students of Science faculty have cleared NET/SET examinations. Well known and faculties from other institutes are invited to guide the students. The Science faculty brought about infrastructural developments. The College constructed twelve laboratories to meet students' academic demands. The Piramal Industries Limited provided recent scientific and research equipments to the College at the concessional rates and donated back issues of internationally reputed journals and rare books on Medicinal and Organic Chemistry. Almost all of the faculties in Science have undertaken UGC and SPPU, Pune sponsored minor research projects. One faculty has undertaken ICSSR, New Delhi funded major research project. The College has organized 12 state and 03 national level conferences in which internationally well known experts and scientists were invited.

The College was sanctioned grants of 59.58 lakh by the UGC for Diploma in Medical Lab Technician (DMLT) course under Community College Scheme in 2015-16 for two years, it was continued in 2017-18 on self-finance basis and was given an extension along with the grants of Rs 21.98 lakh in 2018-19. The purpose of this course was to bring dropouts to mainstream of higher education. Few students who could not keep their terms completed DMLT and afterwards continued their graduation. Many students of DMLT have got jobs in Government and private hospitals and laboratories. The College has been granted UGC NSQF courses like B. Voc. in Green House Management (Botany), Renewable Energy Management (Physics and Electronics) and Analytical Techniques in Pharmaceutical Analysis (Chemistry). The purpose of these courses is to increase employability of the students. The Courses offer academic flexibility. The students can opt for certificate, diploma, advance diploma and degree level and give up the course at any level. For DMLT and B. Voc. Courses the College has signed

MoUs with industries. Hands on training, study visits to industries and study tours to quality pathology laboratories are conducted for the students. These provide access to theoretical and practical aspects of the concerned areas. . The Science Association organized a tour to GMRT Khodad Dist-Pune on the occasion of National Science Day. Expert Persons were invited to deliver lectures on Raman Effect & Its Applications, Health & Diet, Science Stories, Space Research, Eclipses: Reality & Misconcepts, Biodiversity and Environmental Concepts, Role of Science in Universe and Artificial Intelligence & Its Probable Consequences. The Science Association organizes the Quiz, Poster, Model, and Flower Competitions on occasion of National Science Day. These activities functioned to keep students abreast of new opportunities and challenges.

The Department of Botany & Zoology of the College has developed a Composting and Vermicomposting units. The plant waste gathered from the campus is utilized for Composting. The Vermicompost is distributed in 5 kg bags to other institutes located in the campus as per the demand. As many students in the Department of Botany belong to tribal belt of Nashik District where wild vegetables are available, Wild Vegetable Festival was organized. Students studied and demonstrated the ingredients and nutritional and medicinal value of wild vegetables. Ramanujan Mathematics Competition, Chemiad and Jig-saw Competition are quality enhancing and innovative activities. To update the students, all the departments in Science introduced certificate courses. The Department of Physics organized a six day workshop on Scientific Writing for the students. The department of Electronic Science organized a one day workshop on PCB designing. It also conducted a Two-day workshop on 'Arduino Beginners' for the students in Dec 2018 in association with Robokart and IIT Bombay. Internship and training programmes are organized for PG students.

The College hosted intercollege AVISHKAR Research Festival and pre-presentation training sessions four times in the last six years. A few projects of the college were selected for the zonal level. The introduction of Post Graduate Departments prompted the college to apply for DST-FIST PG College Level '0'. and after scrutiny and presentation Rs. 50 Lakhs were granted for the same. The College was shortlisted for DBT Star College Scheme interface meeting in 2018-19.

Principal Dr. G. H. Jain (Physics) and Dr. Manoj Patil (Botany) are recognized as the M.Phil. and Ph. D. Guides of University while Dr. Ganesh Patil (Physics) as a M. Phil. Guide. Almost all the doctorate staff have applied for Research guideship. Research centers are contemplated in Physics, Botany, Chemistry and Electronics.

File Description	Document
Any	

additional information	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/7</a> )
Link for Additional Information	View Document ( <a href="https://acschandwadcollege.com/up-images/naac_document/Instittutional%20Distinctivenessfile_name5d">https://acschandwadcollege.com/up-images/naac_document/Instittutional%20Distinctivenessfile_name5d</a> )

## Extended Profile

### Program

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

**Answer:** 47

File Description	Document
Institutional Data in Prescribed Format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar</a> )

***Number of programs offered year-wise for last five years***

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
47	41	32	21	20

## Students

### *Number of students year-wise during the last five years*

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
2596	2606	2273	2016	1730

File Description	Document
Institutional Data in Prescribed Format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar</a> )

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

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
1822	1758	1545	1270	1142

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar</a> )

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



**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
637	483	355	295	173

File Description	Document
Institutional Data in Prescribed Format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar</a> )

**Teachers*****Number of full time teachers year-wise during the last five years*****Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
80	84	76	58	45

File Description	Document
Institutional Data in Prescribed Format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar</a> )

***Number of sanctioned posts year-wise during the last five years***

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
83	87	76	58	46

File Description	Document
Institutional data in prescribed format	View Document ( <a href="https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar">https://assessmentonline.naac.gov.in/storage/app/hei/SSR/103941/dynar</a> )

## Institution

***Total number of classrooms and seminar halls***

**Answer: 53**

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

**Answer:**

2018-19	2017-18	2016-17	2015-16	2014-15
264.00	72.28	173.41	134.52	113.00

***Number of computers***

**Answer: 158**

## Conclusion

### **Additional Information :**

- The mother institute Shri Nemnath Jain Brahmacharyashram (Jain Gurukul) was established in 1928 and runs 16 academic institutes like Engineering, Pharmacy, Medical, Polytechnic, DTED, Primay and Secondary Schools (English & Marathi Medium)
- The College was established in 1970 (Arts & Commerce faculty) while Science faculty was introduced in 2010
- Prin. Dr. Jain was invited as a Resource Person in **International Conference in Nigeria and South Africa** where he set up laboratories
- Under International **Research Collaboration with University of Nigeria (Nsukka)** **two research fellows** have studied in campus
- Faculty members (Physics) presented research papers in the **International conferences in America, Europe, Asia and Africa**. Even one faculty represented India in **JSPS Hope Meeting with Nobel Laureates in Japan**.
- **Awards by Govt. bodies and NGOs: College (5) Faculty (9)**
- Hosted **District Sports Committee** 2 times in last 5 years
- Recognized **Research Guides (6) and applied for Guideship (6)**
- **One Major Research Project** each in Marathi (UGC) and Botany (ICSSR)
- UGC Sponsored Nine **Minor Research Projects** to faculty members **(25 lakh)**
- Savitribai Phule Pune University Sponsored 22 **Minor Research Projects** to faculty members **(41 lakh)**
- **Ph D Awardees (4) and registered (15)**
- History Department has organized '**A Training Course in Modi Script**' in association with **Govt. of Maharashtra**
- The College hosted **National Meet of 'Marathi Arthashastra Parishad'**(2016)
- Botany Department organized **Wild Vegetables Festival & Green Day** in 2018 which was **documented & presented on ABP Majha News Channel**
- Geography Department has installed **An Automatic Weather Station** and is made available to farmers & society through a Whatsapp group. It was **documented and presented on Zee 24 Tas news Channel**
- Two faculty members were appointed as **Area Coordinator of NSS**
- **Central Instrumentation Facility** is available with **UV-Spectrophotometer, FT-IR Spectrophotometer etc.**
- College was highlighted in **top 10 users of INFLIBNET** in 2018
- **Mr. Dattu Bhoknal (Gold Medalist in Rowing, Asian Games 2018)** visited the college to guide the students
- Organization of **State Level Elocution Competition** on occasion of Birth Anniversary of Founder Karmavir Pujya Kakaji on 28th August every year.
- Department of Botany provides consultancy for **Plant Identification & Taxonomy, Composting and Vermicomposting**.

### **Concluding Remarks:**

The institute runs UG and PG (CBCS) courses in Arts, Commerce and Science faculties and UGC funded DMLT course and B Voc courses in Green House Management, Renewable Energy Management and Analytical Techniques in Pharmaceutical Analysis. UG courses in

Marathi, English, Geography, Zoology, Electronics and Cost and Works Accounting, Self – employment based hobby courses for girl students and all PG courses are self-financed. Admission process is transparent and just. The departmental level certificate courses, training based activities and student-centered methods, experiential learning and participative learning illustrate the effectiveness of teaching practices. The faculties contribute to the syllabus revision process. Basic amenities and brail books are provided to the Divyangjan. The exam related grievances are appropriately redressed. Faculties have undertaken minor and major research projects and published text books, reference books and research articles in conference proceedings and journals. The college follows anti-plagiarism policy and code of ethics for research defined by University. University provides free access to Turnitin/Urkund anti-plagiarism software to recognized research guides. The College has widely conducted extension activities through NSS, Unnat Bharat Scheme, Extra-mural education centre, GOs and NGOs. The College provides adequate facilities and resources for academic, research and cultural activities. The library is automated and consists of updated print resources and provides DELNET, J-GATE, N-LIST, INFLIBNET, e-journals and e-book services. Central Instrumentation Facility Center (CIF) provides sophisticated instruments like FIIR, UV Visible spectrophotometer and PCR. The mechanism for maintenance of infrastructure and equipment is efficient. Support services include government scholarships, scholarships from Pune University and financial aids from the institution and earn and learn scheme. Almost 70 % of the total students are scholarship holders. Alumni Association is functional and contributes to the College through financial and non-financial ways. Organization and governance is decentralized and participative with representation to all stakeholders. IQAC and CDC reflect inclusive practices. The college translates its vision and mission through academic, research and extension activities. The best practices of the college display its commitment to conservation of environment and natural resources, universal and cultural values and region-specific needs. They contribute to overall well being of students and community alike.

## EXCLUDED METRICES

### List of Excluded Metrices

#### 2 Teaching-learning and Evaluation : Weightage ( 350 )

2.4 Teacher Profile and Quality : Weightage ( 80 )			
Ref No	Details of Metric	weightage	Metric Performance
2.4.5	Average percentage of full time teachers from other States against sanctioned posts during the last five years ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	20	0

## 5 Student Support and Progression : Weightage ( 142 )

### 5.1 Student Support : Weightage ( 50 )

Ref No	Details of Metric	weightage	Metric Performance
5.1.2	Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	12	0.13

## 6 Governance, Leadership and Management : Weightage ( 100 )

### 6.4 Financial Management and Resource Mobilization : Weightage ( 20 )

Ref No	Details of Metric	weightage	Metric Performance
6.4.2	Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III) (INR in Lakhs) ( Metric Type : <b>Derived</b> , Question Type : <b>QN</b> , Evaluation : <b>By DVV</b> , Nature : <b>Value</b> )	8	2.51

## ANNEXURE